Manual No.'19 • KX-T-310D

DRAFT

MITSUBISHI HEAVY INDUSTRIES

TECHNICAL MANUAL

VRF INVERTER MULTI-SYSTEM AIR-CONDITIONERS

(INDOOR UNIT)

Ceiling cassette-4 way type
FDT28KXZE1
36KXZE1
45KXZE1
56KXZE1
71KXZE1
90KXZE1
112KXZE1
140KXZE1
160KXZE1

Ceiling cassette-4 way compact type
FDTC15KXZE1
22KXZE1
28KXZE1
36KXZE1
45KXZE1
56KXZE1

Ceiling cassette-2 way type
FDTW28KXE6F
45KXE6F
56KXE6F
71KXE6F
90KXE6F
112KXE6F
140KXE6F

Ceiling cassette-1 way type
FDTS45KXE6F
71KXE6F

Duct connected-High static pressure type
FDU45KXE6F
56KXE6F
71KXE6F
90KXE6F
112KXE6F
140KXE6F
160KXE6F
224KXZE1
280KXZE1

Duct connected-Low/Middle static pressure type
FDUM22KXE6F
28KXE6F
36KXE6F
45KXE6F
56KXE6F
71KXE6F
90KXE6F
112KXE6F
140KXE6F
160KXE6F

Duct connected (thin)-Low static pressure type
FDUT71KXE6F-E

Wall mounted type
FDK15KXZE1
22KXZE1
28KXZE1
36KXZE1
45KXZE1
56KXZE1
71KXZE1
90KXZE1

Ceiling suspended type
FDE36KXZE1
45KXZE1
56KXZE1
71KXZE1
112KXZE1
140KXZE1

Outdoor air processing unit
FDU650FKXZE1
1100FKXZE1
1800FKXZE1
2400FKXZE1

・Note:
(1) This document describes the indoor units with service code /F (with motion sensor system function).

MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.

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■ How to read the model name

Example: FDT 28 KXZ E 1

- 1 — Series No.
- E — Application power source...See the specifications
- KXZ — Multi KXZ series
- 28 — Nominal capacity (Nominal cooling capacity : 2.8kW)
- FDT — Model name〔Ceiling cassette - 4 way type〕

1. SPECIFICATIONS

(1) Ceiling cassette-4 way type (FDT)

Models FDT28KXZE1, 36KXZE1, 45KXZE1, 56KXZE1, 71KXZE1

Models			FDT28KXZE1	FDT36KXZE1	FDT45KXZE1	FDT56KXZE1	FDT71KXZE1
Panel model (Option)			Standard: T-PSA-5AW-E Draft prevention: T-PSAE-5AW-E	Standard: T-PSA-5AW-E Draft prevention: T-PSAE-5AW-E	Standard: T-PSA-5AW-E Draft prevention: T-PSAE-5AW-E	Standard: T-PSA-5AW-E Draft prevention: T-PSAE-5AW-E	Standard: T-PSA-5AW-E Draft prevention: T-PSAE-5AW-E
Nominal cooling capacity*1		kW	2.8	3.6	4.5	5.6	7.1
Nominal heating capacity*2			3.2	4.0	5.0	6.3	8.0
Power source			1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz
Power consumption	Cooling	kW	0.04 - 0.04 / 0.04	0.04 - 0.04 / 0.04	0.04 - 0.04 / 0.04	0.07 - 0.07 / 0.07	0.08 - 0.08 / 0.08
	Heating		0.04 - 0.04 / 0.04	0.04 - 0.04 / 0.04	0.04 - 0.04 / 0.04	0.07 - 0.07 / 0.07	0.08 - 0.08 / 0.08
Running current	Cooling	A	0.36 - 0.33 / 0.36	0.36 - 0.33 / 0.36	0.36 - 0.33 / 0.36	0.62 - 0.57 / 0.62	0.70 - 0.64 / 0.70
	Heating		0.36 - 0.33 / 0.36	0.36 - 0.33 / 0.36	0.36 - 0.33 / 0.36	0.62 - 0.57 / 0.62	0.70 - 0.64 / 0.70
Sound Pressure Level		dB(A)	P-Hi : 38 Hi : 33 Me : 30 Lo : 28	P-Hi : 38 Hi : 33 Me : 30 Lo : 28	P-Hi : 38 Hi : 33 Me : 31 Lo : 29	P-Hi : 44 Hi : 33 Me : 31 Lo : 29	P-Hi : 47 Hi : 35 Me : 32 Lo : 28
Sound Power Level			55	55	55	60	62
Exterior dimensions Height x Width x Depth		mm	Unit : 236 × 840 × 840 Panel : 35 × 950 × 950	Unit : 236 × 840 × 840 Panel : 35 × 950 × 950	Unit : 236 × 840 × 840 Panel : 35 × 950 × 950	Unit : 236 × 840 × 840 Panel : 35 × 950 × 950	Unit : 236 × 840 × 840 Panel : 35 × 950 × 950
Exterior appearance (Munsell color)			Plaster White (6.8Y8.9/0.2) near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent
Net weight*3		kg	Unit : 20 Standard panel : 5	Unit : 20 Standard panel : 5	Unit : 20 Standard panel : 5	Unit : 21.5 Standard panel : 5	Unit : 21.5 Standard panel : 5
Refrigerant equipment Heat exchanger			Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing
Refrigerant control			Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Air handling equipment Fan type & Q'ty			Turbo fan × 1	Turbo fan × 1	Turbo fan × 1	Turbo fan × 1	Turbo fan × 1
Fan motor		W	58	58	58	58	58
Starting method			Direct line start	Direct line start	Direct line start	Direct line start	Direct line start
Air flow (Standard)		m^3/min	P-Hi : 20 Hi : 14 Me : 12 Lo : 10	P-Hi : 20 Hi : 14 Me : 12 Lo : 10	P-Hi : 20 Hi : 15 Me : 13 Lo : 10	P-Hi : 26 Hi : 16 Me : 13 Lo : 11	P-Hi : 28 Hi : 17 Me : 14 Lo : 12
Available static pressure		Pa	0	0	0	0	0
Outside air intake			Possible	Possible	Possible	Possible	Possible
Air filter, Q'ty			Pocket plastic net× 1 (Washable)	Pocket plastic net× 1 (Washable)	Pocket plastic net× 1 (Washable)	Pocket plastic net× 1 (Washable)	Pocket plastic net× 1 (Washable)
Shock & vibration absorber			Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Insulation (noise & heat)			Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form
Operation control Remote control switch (option)			Wired : RC-EX3A, RC-E5, RCH-E3 Wireless : RCN-T-5AW-E2	Wired : RC-EX3A, RC-E5, RCH-E3 Wireless : RCN-T-5AW-E2	Wired : RC-EX3A, RC-E5, RCH-E3 Wireless : RCN-T-5AW-E2	Wired : RC-EX3A, RC-E5, RCH-E3 Wireless : RCN-T-5AW-E2	Wired : RC-EX3A, RC-E5, RCH-E3 Wireless : RCN-T-5AW-E2
Room temperature control			Thermostat by electronics	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics
Safety equipment			Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat
Installation data Refrigerant piping size	Liquid line Gas line		ϕ 6.35 (1/4") <Flare piping> ϕ 9.52 (3/8") <Flare piping>	ϕ 6.35 (1/4") <Flare piping> ϕ 12.7 (1/2") <Flare piping>	ϕ 6.35 (1/4") <Flare piping> ϕ 12.7 (1/2") <Flare piping>	ϕ 6.35 (1/4") <Flare piping> ϕ 12.7 (1/2") <Flare piping>	ϕ 9.52 (3/8") <Flare piping> ϕ 15.88 (5/8") <Flare piping>
Connecting method			Flare piping	Flare piping	Flare piping	Flare piping	Flare piping
Refrigerant			R410A	R410A	R410A	R410A	R410A
Drain pump			Built-in Drain pump	Built-in Drain pump	Built-in Drain pump	Built-in Drain pump	Built-in Drain pump
Drain hose			Connectable with VP25	Connectable with VP25	Connectable with VP25	Connectable with VP25	Connectable with VP25
Insulation for piping			Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)
Accessories			Mounting kit,Drain hose	Mounting kit,Drain hose	Mounting kit,Drain hose	Mounting kit,Drain hose	Mounting kit,Drain hose
Exterior dimensions			PJF000Z417	PJF000Z417	PJF000Z417	PJF000Z417	PJF000Z417
Electrical wiring			PJF000Z421	PJF000Z421	PJF000Z421	PJF000Z421	PJF000Z421

Notes (1) The data are measured at the following conditions.

Item	Indoor air temperature		Outdoor air temperature		Standards
Operation	DB	WB	DB	WB	ISO-T1
Cooling*1	27℃	19℃	35℃	24℃	
Heating*2	20℃		7℃	6℃	

Adapted to **RoHS** directive

(2) This packaged air-conditioner is manufactured and tested in conformity with the following standard.
ISO-T1 "UNITARY AIR-CONDITIONERS"
(3) Draft prevention panel weight*3 : 6kg
(4) Option : Motion sensor kit (LB-T-5W-E)

PJF000Z416 C

Models FDT90KXZE1, 112KXZE1, 140KXZE1, 160KXZE1

Models			FDT90KXZE1	FDT112KXZE1	FDT140KXZE1	FDT160KXZE1
Panel model (Option)			Standard: T-PSA-5AW-E Draft prevention: T-PSAE-5AW-E	Standard: T-PSA-5AW-E Draft prevention: T-PSAE-5AW-E	Standard: T-PSA-5AW-E Draft prevention: T-PSAE-5AW-E	Standard: T-PSA-5AW-E Draft prevention: T-PSAE-5AW-E
Nominal cooling capacity*1		kW	9.0	11.2	14.0	16.0
Nominal heating capacity*2			10.0	12.5	16.0	18.0
Power source			1 Phase 220-240 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz
Power consumption	Cooling	kW	0.13 - 0.13 / 0.13	0.14 - 0.14 / 0.14	0.14 - 0.14 / 0.14	0.14 - 0.14 / 0.14
	Heating		0.13 - 0.13 / 0.13	0.14 - 0.14 / 0.14	0.14 - 0.14 / 0.14	0.14 - 0.14 / 0.14
Running current	Cooling	A	1.04 - 0.95 / 1.04	1.12 - 1.02 / 1.12	1.12 - 1.02 / 1.12	1.12 - 1.02 / 1.12
	Heating		1.04 - 0.95 / 1.04	1.12 - 1.02 / 1.12	1.12 - 1.02 / 1.12	1.12 - 1.02 / 1.12
Sound Pressure Level		dB(A)	P-Hi : 49 Hi : 38 Me : 36 Lo : 31	P-Hi : 49 Hi : 39 Me : 37 Lo : 31	P-Hi : 49 Hi : 42 Me : 39 Lo : 32	P-Hi : 49 Hi : 42 Me : 39 Lo : 33
Sound Power Level			65	66	66	66
Exterior dimensions Height x Width x Depth		mm	Unit : 298 × 840 × 840 Panel : 35 × 950 × 950	Unit : 298 × 840 × 840 Panel : 35 × 950 × 950	Unit : 298 × 840 × 840 Panel : 35 × 950 × 950	Unit : 298 × 840 × 840 Panel : 35 × 950 × 950
Exterior appearance (Munsell color)			Plaster White (6.8Y8.9/0.2) near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent
Net weight*3		kg	Unit : 25 Standard panel : 5	Unit : 25 Standard panel : 5	Unit : 25 Standard panel : 5	Unit : 25 Standard panel : 5
Refrigerant equipment Heat exchanger			Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing
Refrigerant control			Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Air handling equipment Fan type & Q'ty			Turbo fan × 1	Turbo fan × 1	Turbo fan × 1	Turbo fan × 1
Fan motor		W	120	120	120	120
Starting method			Direct line start	Direct line start	Direct line start	Direct line start
Air flow (Standard)		m^3/min	P-Hi : 37 Hi : 25 Me : 22 Lo : 15	P-Hi : 38 Hi : 26 Me : 23 Lo : 17	P-Hi : 38 Hi : 28 Me : 25 Lo : 18	P-Hi : 38 Hi : 29 Me : 26 Lo : 19
Available static pressure		Pa	0	0	0	0
Outside air intake			Possible	Possible	Possible	Possible
Air filter, Q'ty			Pocket plastic net× 1 (Washable)	Pocket plastic net× 1 (Washable)	Pocket plastic net× 1 (Washable)	Pocket plastic net× 1 (Washable)
Shock & vibration absorber			Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Insulation (noise & heat)			Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form
Operation control Remote control switch (option)			Wired : RC-EX3A, RC-E5, RCH-E3 Wireless : RCN-T-5AW-E2	Wired : RC-EX3A, RC-E5, RCH-E3 Wireless : RCN-T-5AW-E2	Wired : RC-EX3A, RC-E5, RCH-E3 Wireless : RCN-T-5AW-E2	Wired : RC-EX3A, RC-E5, RCH-E3 Wireless : RCN-T-5AW-E2
Room temperature control			Thermostat by electronics	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics
Safety equipment			Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat
Installation data Refrigerant piping size	Liquid line		φ 9.52 (3/8") <Flare piping>	φ 9.52 (3/8") <Flare piping>	φ 9.52 (3/8") <Flare piping>	φ 9.52 (3/8") <Flare piping>
	Gas line		φ 15.88 (5/8") <Flare piping>	φ 15.88 (5/8") <Flare piping>	φ 15.88 (5/8") <Flare piping>	φ 15.88 (5/8") <Flare piping>
Connecting method			Flare piping	Flare piping	Flare piping	Flare piping
Refrigerant			R410A	R410A	R410A	R410A
Drain pump			Built-in Drain pump	Built-in Drain pump	Built-in Drain pump	Built-in Drain pump
Drain hose			Connectable with VP25	Connectable with VP25	Connectable with VP25	Connectable with VP25
Insulation for piping			Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)
Accessories			Mounting kit,Drain hose	Mounting kit,Drain hose	Mounting kit,Drain hose	Mounting kit,Drain hose
Exterior dimensions			PJF000Z418	PJF000Z418	PJF000Z418	PJF000Z418
Electrical wiring			PJF000Z421	PJF000Z421	PJF000Z421	PJF000Z421

Notes (1) The data are measured at the following conditions.

Item	Indoor air temperature		Outdoor air temperature		Standards
Operation	DB	WB	DB	WB	ISO-T1
Cooling*1	27℃	19℃	35℃	24℃	
Heating*2	20℃		7℃	6℃	

Adapted to **RoHS** directive

(2) This packaged air-conditioner is manufactured and tested in conformity with the following standard.
ISO-T1 "UNITARY AIR-CONDITIONERS"
(3) Draft prevention panel weight*3 : 6kg
(4) Option : Motion sensor kit (LB-T-5W-E)

PJF000Z416 C

(2) Ceiling cassette-4 way compact type (FDTC)

Models FDTC15KXZE1, 22KXZE1, 28KXZE1, 36KXZE1, 45KXZE1, 56KXZE1

Models			FDTC15KXZE1	FDTC22KXZE1	FDTC28KXZE1	FDTC36KXZE1	FDTC45KXZE1	FDTC56KXZE1
Panel model (Option)			Standard: TC-PSA-5AW-E Draft prevention: TC-PSAE-5AW-E	Standard: TC-PSA-5AW-E Draft prevention: TC-PSAE-5AW-E	Standard: TC-PSA-5AW-E Draft prevention: TC-PSAE-5AW-E	Standard: TC-PSA-5AW-E Draft prevention: TC-PSAE-5AW-E	Standard: TC-PSA-5AW-E Draft prevention: TC-PSAE-5AW-E	Standard: TC-PSA-5AW-E Draft prevention: TC-PSAE-5AW-E
Nominal cooling capacity*1		kW	1.5	2.2	2.8	3.6	4.5	5.6
Nominal heating capacity*2			1.7	2.5	3.2	4.0	5.0	6.3
Power source			1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz
Power consumption	Cooling	kW	0.03 - 0.03 / 0.03	0.03 - 0.03 / 0.03	0.03 - 0.03 / 0.03	0.04 - 0.04 / 0.04	0.05 - 0.05 / 0.05	0.06 - 0.06 / 0.06
	Heating		0.03 - 0.03 / 0.03	0.03 - 0.03 / 0.03	0.03 - 0.03 / 0.03	0.04 - 0.04 / 0.04	0.05 - 0.05 / 0.05	0.06 - 0.06 / 0.06
Running current	Cooling	A	0.25 - 0.22 / 0.25	0.25 - 0.22 / 0.25	0.25 - 0.22 / 0.25	0.38 - 0.35 / 038	0.43 - 0.40 / 0.43	0.54 - 0.50 / 0.54
	Heating		0.25 - 0.22 / 0.25	0.25 - 0.22 / 0.25	0.25 - 0.22 / 0.25	0.38 - 0.35 / 038	0.43 - 0.40 / 0.43	0.54 - 0.50 / 0.54
Sound Pressure Level	Cooling	dB(A)	P-Hi: 33 Hi: 30 Me: 28 Lo: 25	P-Hi: 35 Hi: 32 Me: 29 Lo: 25	P-Hi: 35 Hi: 32 Me: 29 Lo: 25	P-Hi: 39 Hi: 36 Me: 31 Lo: 26	P-Hi: 43 Hi: 39 Me: 36 Lo: 28	P-Hi: 47 Hi: 43 Me: 39 Lo: 31
	Heating		P-Hi: 33 Hi: 30 Me: 26 Lo: 22	P-Hi: 35 Hi: 32 Me: 29 Lo: 25	P-Hi: 35 Hi: 32 Me: 29 Lo: 25	P-Hi: 39 Hi: 36 Me: 31 Lo: 26	P-Hi: 43 Hi: 39 Me: 36 Lo: 28	P-Hi: 47 Hi: 43 Me: 39 Lo: 31
Sound Power Level	Cooling		47	49	49	54	58	60
	Heating		46	49	49	53	57	60
Exterior dimensions Height x Width x Depth		mm	Unit: 248 × 570 × 570 Panel: 10 × 620 × 620	Unit: 248 × 570 × 570 Panel: 10 × 620 × 620	Unit: 248 × 570 × 570 Panel: 10 × 620 × 620	Unit: 248 × 570 × 570 Panel: 10 × 620 × 620	Unit: 248 × 570 × 570 Panel: 10 × 620 × 620	Unit: 248 × 570 × 570 Panel: 10 × 620 × 620
Exterior appearance (Munsell color) (RAL color)			Fine snow (8.0Y9.3/0.1)near equivalent (RAL 9001)near equivalent	Fine snow (8.0Y9.3/0.1)near equivalent (RAL 9001)near equivalent	Fine snow (8.0Y9.3/0.1)near equivalent (RAL 9001)near equivalent	Fine snow (8.0Y9.3/0.1)near equivalent (RAL 9001)near equivalent	Fine snow (8.0Y9.3/0.1)near equivalent (RAL 9001)near equivalent	Fine snow (8.0Y9.3/0.1)near equivalent (RAL 9001)near equivalent
Net weight*3		kg	Unit: 12.5 Standard panel: 2.5	Unit: 13 Standard panel: 2.5	Unit: 13 Standard panel: 2.5	Unit: 14 Standard panel: 2.5	Unit: 14 Standard panel: 2.5	Unit: 14 Standard panel: 2.5
Refrigerant equipment Heat exchanger			Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing
Refrigerant control			Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Air handling equipment Fan type & Q'ty			Turbo fan ×1	Turbo fan ×1	Turbo fan ×1	Turbo fan ×1	Turbo fan ×1	Turbo fan ×1
Fan motor		W	50	50	50	50	50	50
Starting method			Direct line start	Direct line start	Direct line start	Direct line start	Direct line start	Direct line start
Air flow(Standard)	Cooling	m^3/min	P-Hi: 8 Hi: 7 Me: 6 Lo: 5	P-Hi: 9 Hi: 8 Me: 7 Lo: 6	P-Hi: 9 Hi: 8 Me: 7 Lo: 6	P-Hi: 10 Hi: 9 Me: 8 Lo: 6	P-Hi: 12 Hi: 10 Me: 9 Lo: 7	P-Hi: 14 Hi: 12 Me: 10 Lo: 8
	Heating		P-Hi: 8 Hi: 7 Me: 6 Lo: 5	P-Hi: 9 Hi: 8 Me: 7 Lo: 6	P-Hi: 9 Hi: 8 Me: 7 Lo: 6	P-Hi: 10 Hi: 9 Me: 8 Lo: 6	P-Hi: 12 Hi: 10 Me: 9 Lo: 7	P-Hi: 14 Hi: 12 Me: 10 Lo: 8
Available static pressure		Pa	0	0	0	0	0	0
Outdoor air intake			Possible	Possible	Possible	Possible	Possible	Possible
Air filter, Q'ty			Pocket plastic net ×1(Washable)	Pocket plastic net ×1(Washable)	Pocket plastic net ×1(Washable)	Pocket plastic net ×1(Washable)	Pocket plastic net ×1(Washable)	Pocket plastic net ×1(Washable)
Shock & vibration absorber			Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Insulation (noise & heat)			Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form
Operation control Remote control switch (option)			Wired : RC-E5, RC-EX3A, RCH-E3 Wireless : RCN-TC-5AW-E2	Wired : RC-E5, RC-EX3A, RCH-E3 Wireless : RCN-TC-5AW-E2	Wired : RC-E5, RC-EX3A, RCH-E3 Wireless : RCN-TC-5AW-E2	Wired : RC-E5, RC-EX3A, RCH-E3 Wireless : RCN-TC-5AW-E2	Wired : RC-E5, RC-EX3A, RCH-E3 Wireless : RCN-TC-5AW-E2	Wired : RC-E5, RC-EX3A, RCH-E3 Wireless : RCN-TC-5AW-E2
Room temperature control			Thermostat by electronics	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics
Safety equipment			Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat
Installation data Refrigerant piping size	Liquid line		φ 6.35 (1/4") <Flare piping>	φ 6.35 (1/4") <Flare piping>	φ 6.35 (1/4") <Flare piping>	φ 6.35 (1/4") <Flare piping>	φ 6.35 (1/4") <Flare piping>	φ 6.35 (1/4") <Flare piping>
	Gas line		φ 9.52 (3/8") <Flare piping>	φ 9.52 (3/8") <Flare piping>	φ 9.52 (3/8") <Flare piping>	φ 12.7 (1/2") <Flare piping>	φ 12.7 (1/2") <Flare piping>	φ 12.7 (1/2") <Flare piping>
Connecting method			Flare piping	Flare piping	Flare piping	Flare piping	Flare piping	Flare piping
Refrigerant			R410A	R410A	R410A	R410A	R410A	R410A
Drain pump			Built-in Drain pump	Built-in Drain pump	Built-in Drain pump	Built-in Drain pump	Built-in Drain pump	Built-in Drain pump
Drain hose			Connectable with VP25	Connectable with VP25	Connectable with VP25	Connectable with VP25	Connectable with VP25	Connectable with VP25
Insulation for piping			Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)
Accessories			Mounting kit,Drain hose	Mounting kit,Drain hose	Mounting kit,Drain hose	Mounting kit,Drain hose	Mounting kit,Drain hose	Mounting kit,Drain hose
Exterior dimensions			PJF000Z501	PJF000Z501	PJF000Z501	PJF000Z501	PJF000Z501	PJF000Z501
Electrical wiring			PJF000Z504	PJF000Z504	PJF000Z504	PJF000Z504	PJF000Z504	PJF000Z504

Notes (1) The data are measured at the following conditions.

Adapted to **RoHS** directive

Item	Indoor air temperature		Outdoor air temperature		Standards
Operation	DB	WB	DB	WB	
Cooling*1	27°C	19°C	35°C	24°C	ISO-T1
Heating*2	20°C		7°C	6°C	

(2) This packaged air-conditioner is manufactured and tested in conformity with the following standard.
ISO-T1 "UNITARY AIR-CONDITIONERS"
(3) Draft prevention panel weight*3 : 3.0kg
(4) Option : Motion sensor kit (LB-TC-5W-E)

PJF000Z498

(3) Ceiling cassette-2 way type (FDTW)

Models FDTW28KXE6F, 45KXE6F, 56KXE6F, 71KXE6F

Models			FDTW28KXE6F	FDTW45KXE6F	FDTW56KXE6F	FDTW71KXE6F
Panel model (Option)			TW-PSA-26W-E	TW-PSA-26W-E	TW-PSA-26W-E	TW-PSA-26W-E
Nominal cooling capacity*1		kW	2.8	4.5	5.6	7.1
Nominal heating capacity*2			3.2	5.0	6.3	8.0
Power source			1 Phase 220 - 240V 50Hz / 220V 60Hz	1 Phase 220 - 240V 50Hz / 220V 60Hz	1 Phase 220 - 240V 50Hz / 220V 60Hz	1 Phase 220 - 240V 50Hz / 220V 60Hz
Power consumption	Cooling	kW	0.090 - 0.090 / 0.090	0.100 - 0.100 / 0.100	0.100 - 0.100 / 0.100	0.140 - 0.140 / 0.140
	Heating		0.090 - 0.090 / 0.090	0.100 - 0.100 / 0.100	0.100 - 0.100 / 0.100	0.140 - 0.140 / 0.140
Running current	Cooling	A	0.45 - 0.45 / 0.45	0.55 - 0.55 / 0.55	0.55 - 0.55 / 0.55	0.75 - 0.75 / 0.75
	Heating		0.45 - 0.45 / 0.45	0.55 - 0.55 / 0.55	0.55 - 0.55 / 0.55	0.75 - 0.75 / 0.75
Sound Power Level	Cooling	dB(A)	58	58	58	58
	Heating		58	58	58	58
Sound Pressure Level	Cooling		P-Hi: 42 Hi: 38 Me : 34 Lo: 31	P-Hi: 42 Hi: 38 Me : 34 Lo:31	P-Hi: 42 Hi: 38 Me : 34 Lo: 31	P-Hi: 42 Hi: 38 Me : 34 Lo : 31
	Heating		P-Hi: 42 Hi: 38 Me : 34 Lo: 31	P-Hi: 42 Hi: 38 Me : 34 Lo:31	P-Hi: 42 Hi: 38 Me : 34 Lo: 31	P-Hi: 42 Hi: 38 Me : 34 Lo : 31
Exterior dimensions Height x Width x Depth		mm	Unit: 325 × 820 × 620 Panel: 20 × 1,120 × 680	Unit: 325 × 820 × 620 Panel: 20 × 1,120 × 680	Unit : 325 × 820 × 620 Panel : 20 × 1,120 × 680	Unit : 325 × 820 × 620 Panel : 20 × 1,120 × 680
Exterior appearance (Munsell color)			Plaster White (6.8Y8.9/0.2)near equivalent	Plaster White (6.8Y8.9/0.2)near equivalent	Plaster White (6.8Y8.9/0.2)near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent
Net weight		kg	Unit: 20 Panel: 8.5	Unit : 21 Panel: 8.5	Unit: 21 Panel: 8.5	Unit : 23 Panel: 8.5
Refrigerant equipment Heat exchanger			Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing
Refrigerant control			Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Air handling equipment Fan type & Q'ty			Turbo fan	Turbo fan	Turbo fan	Turbo fan
Fan motor <starting method>		W	30 < Direct line start >	35 < Direct line start >	35 < Direct line start >	40 < Direct line start >
Air flow(Standard)	Cooling	m^3/min	P-Hi: 14.5 Hi: 12 Me : 10 Lo: 9	P-Hi: 14.5 Hi: 12 Me : 10 Lo: 9	P-Hi: 14.5 Hi: 12 Me: 10 Lo: 9	P-Hi: 14.5 Hi: 12 Me : 10 Lo: 9
	Heating		P-Hi: 14.5 Hi: 12 Me : 10 Lo: 9	P-Hi: 14.5 Hi: 12 Me : 10 Lo: 9	P-Hi: 14.5 Hi: 12 Me: 10 Lo: 9	P-Hi: 14.5 Hi: 12 Me : 10 Lo: 9
Available static pressure		Pa	0	0	0	0
Outdoor air intake			Possible	Possible	Possible	Possible
Air filter. Q'ty			Pocket plastic net ×2 (Washable)	Pocket plastic net ×2 (Washable)	Pocket plastic net ×2 (Washable)	Pocket plastic net ×2 (Washable)
Shock & vibration absorber			Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Insulation (noise & heat)			Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form
Operation control Remote control switch (option)			Wired : RC-EX3A,RC-E5 Wireless : RCN-TW-E2	Wired : RC-EX3A,RC-E5 Wireless : RCN-TW-E2	Wired : RC-EX3A,RC-E5 Wireless : RCN-TW-E2	Wired : RC-EX3A,RC-E5 Wireless : RCN-TW-E2
Room temperature control			Thermostat by electronics	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics
Safety equipment			Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat
Installation data Liquid line Refrigerant piping size Gas line			ϕ6.35 (1/4") <Flare piping> ϕ9.52 (3/8") <Flare piping>	ϕ6.35 (1/4") <Flare piping> ϕ12.7 (1/2") <Flare piping>	ϕ6.35 (1/4") <Flare piping> ϕ12.7 (1/2") <Flare piping>	ϕ9.52 (3/8") <Flare piping> ϕ15.88 (5/8") <Flare piping>
Refrigerant			R410A	R410A	R410A	R410A
Drain pump			Built-in Drain pump	Built-in Drain pump	Built-in Drain pump	Built-in Drain pump
Drain hose			Connectable with VP25 (I.D.25,O.D.32)	Connectable with VP25 (I.D.25,O.D.32)	Connectable with VP25 (I.D.25,O.D.32)	Connectable with VP25 (I.D.25,O.D.32)
Insulation for piping			Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)
Accessories			Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose
Exterior dimensions			PJB001Z713	PJB001Z713	PJB001Z713	PJB001Z713
Electrical wiring			PJB001Z830	PJB001Z830	PJB001Z830	PJB001Z830

Notes (1) The data are measured at the following conditions.

Item	Indoor air temperature		Outdoor air temperature		Standards
	DB	WB	DB	WB	
Operation	27°C	19°C	35°C	24°C	ISO-T1
Cooling*1					
Heating*2	20°C		7°C	6°C	

(2) This packaged air-conditioner is manufactured and tested in conformity with the standard. ISO-T1 "UNITARY AIR-CONDITIONERS" SPECIFICATION

(3) Sound level indicates the value in an anechoic chamber.

(4) During operation these value are somewhat higher due to ambient conditions.

(5) Select the breaker size according to the own national standard.

OPTION

		Model	Specification
Remote control	Wired	RC-EX3A	PJZ000Z333
	Wired	RC-E5	PJZ000Z295
	Wired	RCH-E3	PJZ000Z272
	Wireless	RCN-TW-E2	PJB001Z798
Motion sensor		LB-TW-6W	PJB001Z818

Adapted to **RoHS** directive

PJB001Z829

Models FDTW90KXE6F, 112KXE6F, 140KXE6F

Models			FDTW90KXE6F	FDTW112KXE6F	FDTW140KXE6F
Panel model (Option)			TW-PSA-46W-E	TW-PSA-46W-E	TW-PSA-46W-E
Nominal cooling capacity*1		kW	9.0	11.2	14.0
Nominal heating capacity*2			10.0	12.5	16.0
Power source			1 Phase 220 - 240V 50Hz / 220V 60Hz	1 Phase 220 - 240V 50Hz / 220V 60Hz	1 Phase 240V 50Hz / 220V 60Hz
Power consumption	Cooling	kW	0.190 - 0.190 / 0.190	0.190 - 0.190 / 0.190	0.190 - 0.190 / 0.190
	Heating		0.190 - 0.190 / 0.190	0.190 - 0.190 / 0.190	0.190 - 0.190 / 0.190
Running current	Cooling	A	1.00 - 1.00 / 1.00	1.00 - 1.00 / 1.00	1.00 - 1.00 / 1.00
	Heating		1.00 - 1.00 / 1.00	1.00 - 1.00 / 1.00	1.00 - 1.00 / 1.00
Sound Power Level	Cooling	dB(A)	65	65	65
	Heating		65	65	65
Sound Pressure Level	Cooling		P-Hi : 48 Hi : 45 Me : 41 Lo : 37	P-Hi : 48 Hi : 45 Me : 41 Lo : 37	P-Hi : 48 Hi : 45 Me : 41 Lo : 37
	Heating		P-Hi : 48 Hi : 45 Me : 41 Lo : 37	P-Hi : 48 Hi : 45 Me : 41 Lo : 37	P-Hi : 48 Hi : 45 Me : 41 Lo : 37
Exterior dimensions Height x Width x Depth		mm	Unit : 325 × 1,535 × 620 Panel : 20 × 1,835 × 680	Unit : 325 × 1,535 × 620 Panel : 20 × 1,835 × 680	Unit : 325 × 1,535 × 620 Panel : 20 × 1,835 × 680
Exterior appearance (Munsell color)			Plaster White (6.8Y8.9/0.2) near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent
Net weight		kg	Unit : 35 Panel : 13	Unit : 35 Panel : 13	Unit : 35 Panel : 13
Refrigerant equipment Heat exchanger			Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing
Refrigerant control			Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Air handling equipment Fan type & Q'ty			Turbo fan	Turbo fan × 2	Turbo fan × 2
Fan motor <starting method>		W	35 ×2 < Direct line start >	35 × 2 < Direct line start >	35 × 2 < Direct line start >
Air flow(Standard)	Cooling	m^3/min	P-Hi : 31 Hi : 27 Me : 23 Lo : 20	P-Hi : 31 Hi : 27 Me : 23 Lo : 20	P-Hi : 31 Hi : 27 Me : 23 Lo : 20
	Heating		P-Hi : 31 Hi : 27 Me : 23 Lo : 20	P-Hi : 31 Hi : 27 Me : 23 Lo : 20	P-Hi : 31 Hi : 27 Me : 23 Lo : 20
Available static pressure		Pa	0	0	0
Outdoor air intake			Possible	Possible	Possible
Air filter, Q'ty			Pocket plastic net ×3 (Washable)	Pocket plastic net × 3 (Washable)	Pocket plastic net × 3 (Washable)
Shock & vibration absorber			Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Insulation (noise & heat)			Polyurethane form	Polyurethane form	Polyurethane form
Operation control Remote control switch (option)			Wired : RC-EX3A,RC-E5 Wireless : RCN-TW-E2	Wired : RC-EX3A,RC-E5 Wireless : RCN-TW-E2	Wired : RC-EX3A,RC-E5 Wireless : RCN-TW-E2
Room temperature control			Thermostat by electronics	Thermostat by electronics	Thermostat by electronics
Safety equipment			Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat
Installation data Liquid line Refrigerant piping size Gas line			ϕ 9.52 (3/8") <Flare piping> ϕ 15.88 (5/8") <Flare piping>	ϕ 9.52 (3/8") <Flare piping> ϕ 15.88 (5/8") <Flare piping>	ϕ 9.52 (3/8") <Flare piping> ϕ 15.88 (5/8") <Flare piping>
Refrigerant			R410A	R410A	R410A
Drain pump			Built-in Drain pump	Built-in Drain pump	Built-in Drain pump
Drain hose			Connectable with VP25 (I.D.25,O.D.32)	Connectable with VP25 (I.D.25,O.D.32)	Connectable with VP25 (I.D.25,O.D.32)
Insulation for piping			Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)
Accessories			Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose
Exterior dimensions			PJB001Z714	PJB001Z714	PJB001Z714
Electrical wiring			PJB001Z831	PJB001Z831	PJB001Z831

Notes (1) The data are measured at the following conditions.

Item	Indoor air temperature		Outdoor air temperature		Standards
	DB	WB	DB	WB	
Operation					
Cooling*1	27℃	19℃	35℃	24℃	ISO-T1
Heating*2	20℃		7℃	6℃	

(2) This packaged air-conditioner is manufactured and tested in conformity with the standard. ISO-T1 "UNITARY AIR-CONDITIONERS"

(3) Sound level indicates the value in an anechoic chamber. During operation these value are somewhat higher due to ambient conditions.

(4) Select the breaker size according to the own national standard.

OPTION

	Model	Specification
Remote control	Wired	RC-EX3A	PJZ000Z333
	Wired	RC-E5	PJZ000Z295
	Wired	RCH-E3	PJZ000Z272
	Wireless	RCN-TW-E2	PJB001Z798
Motion sensor		LB-TW-6W	PJB001Z818

Adapted to **RoHS** directive

PJB001Z829

(4) Ceiling cassette-1 way type (FDTS)

Models FDTS45KXE6F, 71KXE6F

Models			FDTS45KXE6F	FDTS71KXE6F
Panel model (Option)			TS-PSA-3AW-E	TS-PSA-3AW-E
Nominal cooling capacity*1		kW	4.5	7.1
Nominal heating capacity*2			5.0	8.0
Power source			1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz
Power consumption	Cooling	kW	0.040 - 0.040 / 0.040	0.090 - 0.090 / 0.090
	Heating		0.040 - 0.040 / 0.040	0.090 - 0.090 / 0.090
Running current	Cooling	A	0.27 - 0.25 / 0.27	0.60 - 0.55 / 0.60
	Heating		0.27 - 0.25 / 0.27	0.60 - 0.55 / 0.60
Sound Power Level	Cooling	dB(A)	60	61
	Heating		60	61
Sound Pressure Level	Cooling		P-Hi : 42 Hi : 40 Me : 38 Lo : 35	P-Hi : 49 Hi : 46 Me : 41 Lo : 36
	Heating		P-Hi : 42 Hi : 40 Me : 38 Lo : 35	P-Hi : 49 Hi : 46 Me : 41 Lo : 36
Exterior dimensions Height x Width x Depth		mm	Unit : 220 × 1,150 × 565 Panel : 35 × 1,250 × 650	Unit : 220 × 1,150 × 565 Panel : 35 × 1,250 × 650
Exterior appearance (Munsell color)			Plaster White (6.8Y8.9/0.2) near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent
Net weight		kg	Unit : 27 Panel : 5	Unit : 28 Panel : 5
Refrigerant equipment Heat exchanger			Louver fin & inner grooved tubing	Louver fin & inner grooved tubing
Refrigerant control			Electronic Expansion Valve	Electronic Expansion Valve
Air handling equipment Fan type & Q'ty			Centrifugal fan ×4	Centrifugal fan ×4
Fan motor <starting method>		W	35 < Direct line start >	70 < Direct line start >
Air flow(Standard)	Cooling	m^3/min	P-Hi : 13 Hi : 12 Me : 11 Lo : 9.5	P-Hi : 17 Hi : 15 Me : 12 Lo : 10
	Heating		P-Hi : 13 Hi : 12 Me : 11 Lo : 9.5	P-Hi : 17 Hi : 15 Me : 12 Lo : 10
Available static pressure		Pa	0	0
Outdoor air intake			Possible	Possible
Air filter, Q'ty			Pocket plastic net ×2(Washable)	Pocket plastic net ×2(Washable)
Shock & vibration absorber			Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Insulation (noise & heat)			Polyurethane form	Polyurethane form
Operation control Remote control switch (option)			Wired : RC-EX3A,RC-E5 Wireless : RCN-TS-E2	Wired : RC-EX3A,RC-E5 Wireless : RCN-TS-E2
Room temperature control			Thermostat by electronics	Thermostat by electronics
Safety equipment			Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat
Installation data Refrigerant piping size	Liquid line		ϕ 6.35 (1/4") <Flare piping>	ϕ 9.52 (3/8") <Flare piping>
	Gas line		ϕ 12.7 (1/2") <Flare piping>	ϕ 15.88 (5/8") <Flare piping>
Refrigerant			R410A	R410A
Drain hose			Connectable with VP25 (I.D.25,O.D.32)	Connectable with VP25 (I.D.25,O.D.32)
Insulation for piping			Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)
Accessories			Mounting kit, Drain hose	Mounting kit, Drain hose
Exterior dimensions			PJC001Z352	PJC001Z352
Electrical wiring			PJC001Z434	PJC001Z434

Notes (1) The data are measured at the following conditions.

Item	Indoor air temperature		Outdoor air temperature		Standards
Operation	DB	WB	DB	WB	ISO-T1
Cooling*1	27℃	19℃	35℃	24℃	
Heating*2	20℃		7℃	6℃	

(2) This packaged air-conditioner is manufactured and tested in conformity with the standard. ISO-T1 "UNITARY AIR-CONDITIONERS"
(3) Sound level indicates the value in an anechoic chamber.
During operation these value are somewhat higher due to ambient conditions.
(4) Select the breaker size according to the own national standard.

OPTION		Model	Specification
Remote control	Wired	RC-EX3A	PJZ000Z333
	Wired	RC-E5	PJZ000Z295
	Wired	RCH-E3	PJZ000Z272
	Wireless	RCN-TS-E2	PJC001Z410
Motion sensor		LB-KIT	PJZ000Z331

Adapted to **RoHS** directive

PJC001Z433

(5) Duct connected-High static pressure type (FDU)

Models FDU45KXE6F, 56KXE6F, 71KXE6F, 90KXE6F

Models			FDU45KXE6F	FDU56KXE6F	FDU71KXE6F	FDU90KXE6F
Nominal cooling capacity*1		kW	4.5	5.6	7.1	9.0
Nominal heating capacity*2			5.0	6.3	8.0	10.0
Power source			1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz
Power consumption	Cooling	kW	0.100 - 0.100 / 0.100	0.100 - 0.100 / 0.100	0.240 - 0.250 / 0.240	0.240 - 0.250 / 0.240
	Heating		0.100 - 0.100 / 0.100	0.100 - 0.100 / 0.100	0.240 - 0.250 / 0.240	0.240 - 0.250 / 0.240
Running current	Cooling	A	0.63 - 0.58 / 0.63	0.63 - 0.58 / 0.63	1.80 - 1.70 / 1.80	1.80 - 1.70 / 1.80
	Heating		0.63 - 0.58 / 0.63	0.63 - 0.58 / 0.63	1.80 - 1.70 / 1.80	1.80 - 1.70 / 1.80
Sound Power Level	Cooling	dB(A)	60	60	65	65
	Heating		60	60	65	65
Sound Pressure Level	Cooling		P-Hi : 37 Hi : 32 Me : 29 Lo : 26	P-Hi : 37 Hi : 32 Me : 29 Lo : 26	P-Hi : 38 Hi : 33 Me : 29 Lo : 25	P-Hi : 38 Hi : 33 Me : 29 Lo : 25
	Heating		P-Hi : 37 Hi : 32 Me : 29 Lo : 26	P-Hi : 37 Hi : 32 Me : 29 Lo : 26	P-Hi : 38 Hi : 33 Me : 29 Lo : 25	P-Hi : 38 Hi : 33 Me : 29 Lo : 25
Exterior dimensions Height x Width x Depth		mm	280 × 750 × 635	280 × 750 × 635	280 × 950 × 635	280 × 950 × 635
Net weight		kg	29	29	34	34
Refrigerant equipment Heat exchanger			Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing
Refrigerant control			Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Air handling equipment Fan type & Q'ty			Centrifugal fan ×1	Centrifugal fan ×1	Centrifugal fan ×2	Centrifugal fan ×2
Fan motor <starting method>		W	100 < Direct line start >	100 < Direct line start >	130 < Direct line start >	130 < Direct line start >
Air flow(Standard)	Cooling	m^3/min	P-Hi : 13 Hi : 10 Me : 9 Lo : 8	P-Hi : 13 Hi : 10 Me : 9 Lo : 8	P-Hi : 24 Hi : 19 Me : 15 Lo : 10	P-Hi : 24 Hi : 19 Me : 15 Lo : 10
	Heating		P-Hi : 13 Hi : 10 Me : 9 Lo : 8	P-Hi : 13 Hi : 10 Me : 9 Lo : 8	P-Hi : 24 Hi : 19 Me : 15 Lo : 10	P-Hi : 24 Hi : 19 Me : 15 Lo : 10
Available static pressure		Pa	200 (at 13 m^3/min)	200 (at 13 m^3/min)	200 (at 24 m^3/min)	200 (at 24 m^3/min)
Outdoor air intake			Possible	Possible	Possible	Possible
Air filter, Q'ty			Procure locally	Procure locally	Procure locally	Procure locally
Shock & vibration absorber			Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Insulation (noise & heat)			Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form
Operation control Remote control switch (option)			Wired : RC-EX3A,RC-E5 Wireless : RCN-KIT4-E2	Wired : RC-EX3A,RC-E5 Wireless : RCN-KIT4-E2	Wired : RC-EX3A,RC-E5 Wireless : RCN-KIT4-E2	Wired : RC-EX3A,RC-E5 Wireless : RCN-KIT4-E2
Room temperature control			Thermostat by electronics	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics
Safety equipment			Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat
Installation data Refrigerant piping size	Liquid line		ϕ6.35 (1/4") <Flare piping>	ϕ6.35 (1/4") <Flare piping>	ϕ9.52 (3/8") <Flare piping>	ϕ9.52 (3/8") <Flare piping>
	Gas line		ϕ12.7 (1/2") <Flare piping>	ϕ12.7 (1/2") <Flare piping>	ϕ15.88 (5/8") <Flare piping>	ϕ15.88 (5/8") <Flare piping>
Refrigerant			R410A	R410A	R410A	R410A
Drain pump			Built-in Drain pump	Built-in Drain pump	Built-in Drain pump	Built-in Drain pump
Drain hose			Connectable with VP25 (I.D.25,O.D.32)	Connectable with VP25 (I.D.25,O.D.32)	Connectable with VP25 (I.D.25,O.D.32)	Connectable with VP25 (I.D.25,O.D.32)
Insulation for piping			Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)
Accessories			Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose
Exterior dimensions			PJG000Z056	PJG000Z056	PJG000Z057	PJG000Z057
Electrical wiring			PJG000Z539	PJG000Z539	PJG000Z540	PJG000Z540

Notes (1) The data are measured at the following conditions.

Item	Indoor air temperature		Outdoor air temperature		Standards	External static pressure of indoor unit (Pa)
Operation	DB	WB	DB	WB	ISO-T1	35
Cooling*1	27℃	19℃	35℃	24℃		
Heating*2	20℃		7℃	6℃		

(2) This packaged air-conditioner is manufactured and tested in conformity with the standard. ISO-T1 "UNITARY AIR-CONDITIONERS"
(3) Sound level indicates the value in an anechoic chamber.
During operation these value are somewhat higher due to ambient conditions.
(4) The factory E.S.P. setting is set within the range of 80 - 150 Pa.If SW8-4 is turned to "ON", E.S.P. setting range can be changed to 10 - 200 Pa.(For RC-EX3A and RC-E5 only)
(5) Select the breaker size according to the own national standard.

OPTION

		Model	Specification
Remote control	Wired	RC-EX3A	PJZ000Z333
	Wired	RC-E5	PJZ000Z295
	Wired	RCH-E3	PJZ000Z272
	Wireless	RCN-KIT4-E2	PJZ000Z323
Motion sensor		LB-KIT	PJZ000Z331

Adapted to **RoHS** directive

PJG000Z538

Models FDU112KXE6F, 140KXE6F, 160KXE6F

Models			FDU112KXE6F	FDU140KXE6F	FDU160KXE6F
Nominal cooling capacity*1		kW	11.2	14.0	16.0
Nominal heating capacity*2			12.5	16.0	18.0
Power source			1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz
Power consumption	Cooling	kW	0.310 - 0.320 / 0.310	0.350 - 0.360 / 0.350	0.420 - 0.430 / 0.420
	Heating		0.310 - 0.320 / 0.310	0.350 - 0.360 / 0.350	0.420 - 0.430 / 0.420
Running current	Cooling	A	2.00 - 2.00 / 2.00	2.30 - 2.20 / 2.30	2.70 - 2.50 / 2.70
	Heating		2.00 - 2.00 / 2.00	2.30 - 2.20 / 2.30	2.70 - 2.50 / 2.70
Sound Power Level	Cooling	dB(A)	71	72	74
	Heating		71	72	74
Sound Pressure Level	Cooling		P-Hi : 44 Hi : 38 Me : 36 Lo : 30	P-Hi : 45 Hi : 40 Me : 34 Lo : 29	P-Hi : 47 Hi : 40 Me : 35 Lo : 30
	Heating		P-Hi : 44 Hi : 38 Me : 36 Lo : 30	P-Hi : 45 Hi : 40 Me : 34 Lo : 29	P-Hi : 47 Hi : 40 Me : 35 Lo : 30
Exterior dimensions Height x Width x Depth		mm	280 × 1,368 × 740	280 × 1,368 × 740	280 × 1,368 × 740
Net weight		kg	54	54	54
Refrigerant equipment Heat exchanger			Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing
Refrigerant control			Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Air handling equipment Fan type & Q'ty			Centrifugal fan ×3	Centrifugal fan ×3	Centrifugal fan ×3
Fan motor <starting method>		W	100 + 130 < Direct line start >	100 + 200 < Direct line start >	100 + 200 < Direct line start >
Air flow(Standard)	Cooling	m^3/min	P-Hi : 36 Hi : 28 Me : 25 Lo : 19	P-Hi : 39 Hi : 32 Me : 26 Lo : 20	P-Hi : 48 Hi : 35 Me : 28 Lo : 22
	Heating		P-Hi : 36 Hi : 28 Me : 25 Lo : 19	P-Hi : 39 Hi : 32 Me : 26 Lo : 20	P-Hi : 48 Hi : 35 Me : 28 Lo : 22
Available static pressure		Pa	200 (at 36 m^3/min)	200 (at 39 m^3/min)	200 (at 48 m^3/min)
Outdoor air intake			Possible	Possible	Possible
Air filter, Q'ty			Procure locally	Procure locally	Procure locally
Shock & vibration absorber			Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Insulation (noise & heat)			Polyurethane form	Polyurethane form	Polyurethane form
Operation control Remote control switch (option)			Wired : RC-EX3A,RC-E5 Wireless : RCN-KIT4-E2	Wired : RC-EX3A,RC-E5 Wireless : RCN-KIT4-E2	Wired : RC-EX3A,RC-E5 Wireless : RCN-KIT4-E2
Room temperature control			Thermostat by electronics	Thermostat by electronics	Thermostat by electronics
Safety equipment			Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat
Installation data Refrigerant piping size	Liquid line		ϕ 9.52 (3/8") <Flare piping>	ϕ 9.52 (3/8") <Flare piping>	ϕ 9.52 (3/8") <Flare piping>
	Gas line		ϕ 15.88 (5/8") <Flare piping>	ϕ 15.88 (5/8") <Flare piping>	ϕ 15.88 (5/8") <Flare piping>
Refrigerant			R410A	R410A	R410A
Drain pump			Built-in Drain pump	Built-in Drain pump	Built-in Drain pump
Drain hose			Connectable with VP25 (I.D.25,O.D.32)	Connectable with VP25 (I.D.25,O.D.32)	Connectable with VP25 (I.D.25,O.D.32)
Insulation for piping			Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)
Accessories			Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose
Exterior dimensions			PJG000Z058	PJG000Z058	PJG000Z058
Electrical wiring			PJG000Z541	PJG000Z541	PJG000Z541

Notes (1) The data are measured at the following conditions.

Item	Indoor air temperature		Outdoor air temperature		Standards	External static pressure of indoor unit (Pa)
Operation	DB	WB	DB	WB		
Cooling*1	27℃	19℃	35℃	24℃	ISO-T1	60
Heating*2	20℃		7℃	6℃		

(2) This packaged air-conditioner is manufactured and tested in conformity with the standard. ISO-T1 "UNITARY AIR-CONDITIONERS"
(3) Sound level indicates the value in an anechoic chamber.
During operation these value are somewhat higher due to ambient conditions.
(4) The factory E.S.P. setting is set within the range of 80 - 150 Pa.If SW8-4 is turned to "ON", E.S.P. setting range can be changed to 10 - 200 Pa.(For RC-EX3A and RC-E5 only)
(5) Select the breaker size according to the own national standard.

OPTION

		Model	Specification
Remote control	Wired	RC-EX3A	PJZ000Z333
	Wired	RC-E5	PJZ000Z295
	Wired	RCH-E3	PJZ000Z272
	Wireless	RCN-KIT4-E2	PJZ000Z323
Motion sensor		LB-KIT	PJZ000Z331

Adapted to **RoHS** directive

PJG000Z538

Models			FDU224KXZE1	FDU280KXZE1
Nominal cooling capacity*1		kW	22.4	28.0
Nominal heating capacity*2		kW	25.0	31.5
Power source			1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz
Power consumption	Cooling	kW	1.160 - 1.200 / 1.160	1.160 - 1.200 / 1.160
	Heating		1.160 - 1.200 / 1.160	1.160 - 1.200 / 1.160
Running current	Cooling	A	6.80 - 6.50 / 6.80	6.80 - 6.50 / 6.80
	Heating		6.80 - 6.50 / 6.80	6.80 - 6.50 / 6.80
Sound Power Level	Cooling	dB(A)	75	75
	Heating		75	75
Sound Pressure Level	Cooling		P-Hi : 52 Hi : 50 Me : 47 Lo : 45	P-Hi : 52 Hi : 50 Me : 47 Lo : 45
	Heating		P-Hi : 52 Hi : 50 Me : 47 Lo : 45	P-Hi : 52 Hi : 50 Me : 47 Lo : 45
Exterior dimensions Height x Width x Depth		mm	379 × 1,600 × 893	379 × 1,600 × 893
Net weight		kg	89	89
Refrigerant equipment Heat exchanger			Louver fin & inner grooved tubing	Louver fin & inner grooved tubing
Refrigerant control			Electronic Expansion Valve	Electronic Expansion Valve
Air handling equipment Fan type & Q'ty			Centrifugal fan ×3	Centrifugal fan ×3
Fan motor <starting method>		W	130 + 350 < Direct line start >	130 + 350 < Direct line start >
Air flow(Standard)	Cooling	m^3/min	P-Hi : 80 Hi : 72 Me : 64 Lo : 56	P-Hi : 80 Hi : 72 Me : 64 Lo : 56
	Heating		P-Hi : 80 Hi : 72 Me : 64 Lo : 56	P-Hi : 80 Hi : 72 Me : 64 Lo : 56
Available static pressure		Pa	200 (at 80 m^3/min)	200 (at 80 m^3/min)
Outdoor air intake			Possible	Possible
Air filter, Q'ty			Procure locally	Procure locally
Shock & vibration absorber			Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Insulation (noise & heat)			Polyurethane form	Polyurethane form
Operation control Remote control switch (option)			Wired : RC-EX3A,RC-E5 Wireless : RCN-KIT4-E2	Wired : RC-EX3A,RC-E5 Wireless : RCN-KIT4-E2
Room temperature control			Thermostat by electronics	Thermostat by electronics
Safety equipment			Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat
Installation data Refrigerant piping size	Liquid line		ϕ9.52 (3/8") <Brazing>	ϕ9.52 (3/8") <Brazing>
	Gas line		ϕ19.05 (3/4") <Brazing>	ϕ22.22 (7/8") <Brazing>
Refrigerant			R410A	R410A
Drain pump			-	-
Drain hose			Connectable with VP25 (O.D.32)	Connectable with VP25 (O.D.32)
Insulation for piping			Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)
Accessories			Mounting kit	Mounting kit
Exterior dimensions			PJG000Z287	PJG000Z287
Electrical wiring			PJG000Z543	PJG000Z543

Notes (1) The data are measured at the following conditions.

Item	Indoor air temperature		Outdoor air temperature		Standards	External static pressure of indoor unit (Pa)
Operation	DB	WB	DB	WB		
Cooling*1	27℃	19℃	35℃	24℃	ISO-T1	72
Heating*2	20℃		7℃	6℃		

(2) This packaged air-conditioner is manufactured and tested in conformity with the standard. ISO-T1 "UNITARY AIR-CONDITIONERS"
(3) Sound level indicates the value in an anechoic chamber. During operation these value are somewhat higher due to ambient conditions.
(4) The factory E.S.P. setting is set within the range of 80 - 150 Pa.If SW8-4 is turned to "ON", E.S.P. setting range can be changed to 10 - 200 Pa.(For RC-EX3A and RC-E5 only)
(5) Select the breaker size according to the own national standard.

OPTION		Model	Specification
Remote control	Wired	RC-EX3A	PJZ000Z333
	Wired	RC-E5	PJZ000Z295
	Wired	RCH-E3	PJZ000Z272
	Wireless	RCN-KIT4-E2	PJZ000Z323
Motion sensor		LB-KIT	PJZ000Z331

Adapted to **RoHS** directive

PJG000Z542

(6) Duct connected Low/Middle static pressure type (FDUM)

Models FDUM22KXE6F, 28KXE6F, 36KXE6F, 45KXE6F, 56KXE6F

Models			FDUM22KXE6F	FDUM28KXE6F	FDUM36KXE6F	FDUM45KXE6F	FDUM56KXE6F
Nominal cooling capacity*1		kW	2.2	2.8	3.6	4.5	5.6
Nominal heating capacity*2			2.5	3.2	4.0	5.0	6.3
Power source			1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz
Power consumption	Cooling	kW	0.100 - 0.100 / 0.100	0.100 - 0.100 / 0.100	0.100 - 0.100 / 0.100	0.100 - 0.100 / 0.100	0.100 - 0.100 / 0.100
	Heating		0.100 - 0.100 / 0.100	0.100 - 0.100 / 0.100	0.100 - 0.100 / 0.100	0.100 - 0.100 / 0.100	0.100 - 0.100 / 0.100
Running current	Cooling	A	0.46 - 0.42 / 0.46	0.46 - 0.42 / 0.46	0.46 - 0.42 / 0.46	0.46 - 0.42 / 0.46	0.46 - 0.42 / 0.46
	Heating		0.46 - 0.42 / 0.46	0.46 - 0.42 / 0.46	0.46 - 0.42 / 0.46	0.46 - 0.42 / 0.46	0.46 - 0.42 / 0.46
Sound Power Level	Cooling	dB(A)	60	60	60	60	60
	Heating		60	60	60	60	60
Sound Pressure Level	Cooling		P-Hi : 37 Hi : 32 Me : 29 Lo : 26	P-Hi : 37 Hi : 32 Me : 29 Lo : 26	P-Hi : 37 Hi : 32 Me : 29 Lo : 26	P-Hi : 37 Hi : 32 Me : 29 Lo : 26	P-Hi : 37 Hi : 32 Me : 29 Lo : 26
	Heating		P-Hi : 37 Hi : 32 Me : 29 Lo : 26	P-Hi : 37 Hi : 32 Me : 29 Lo : 26	P-Hi : 37 Hi : 32 Me : 29 Lo : 26	P-Hi : 37 Hi : 32 Me : 29 Lo : 26	P-Hi : 37 Hi : 32 Me : 29 Lo : 26
Exterior dimensions Height x Width x Depth		mm	280 × 750 × 635	280 × 750 × 635	280 × 750 × 635	280 × 750 × 635	280 × 750 × 635
Net weight		kg	29	29	29	29	29
Refrigerant equipment Heat exchanger			Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing
Refrigerant control			Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Air handling equipment Fan type & Q'ty			Centrifugal fan ×1	Centrifugal fan ×1	Centrifugal fan ×1	Centrifugal fan ×1	Centrifugal fan ×1
Fan motor <starting method>		W	100 < Direct line start >	100 < Direct line start >	100 < Direct line start >	100 < Direct line start >	100 < Direct line start >
Air flow(Standard)	Cooling	m^3/min	P-Hi : 13 Hi : 10 Me : 9 Lo : 8	P-Hi : 13 Hi : 10 Me : 9 Lo : 8	P-Hi : 13 Hi : 10 Me : 9 Lo : 8	P-Hi : 13 Hi : 10 Me : 9 Lo : 8	P-Hi : 13 Hi : 10 Me : 9 Lo : 8
	Heating		P-Hi : 13 Hi : 10 Me : 9 Lo : 8	P-Hi : 13 Hi : 10 Me : 9 Lo : 8	P-Hi : 13 Hi : 10 Me : 9 Lo : 8	P-Hi : 13 Hi : 10 Me : 9 Lo : 8	P-Hi : 13 Hi : 10 Me : 9 Lo : 8
Available static pressure		Pa	100 (at 13 m^3/min)	100 (at 13 m^3/min)	100 (at 13 m^3/min)	100 (at 13 m^3/min)	100 (at 13 m^3/min)
Outdoor air intake			Possible	Possible	Possible	Possible	Possible
Air filter, Q'ty			Procure locally	Procure locally	Procure locally	Procure locally	Procure locally
Shock & vibration absorber			Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Insulation (noise & heat)			Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form
Operation control Remote control switch (option)			Wired : RC-EX3A,RC-E5 Wireless : RCN-KIT4-E2	Wired : RC-EX3A,RC-E5 Wireless : RCN-KIT4-E2	Wired : RC-EX3A,RC-E5 Wireless : RCN-KIT4-E2	Wired : RC-EX3A,RC-E5 Wireless : RCN-KIT4-E2	Wired : RC-EX3A,RC-E5 Wireless : RCN-KIT4-E2
Room temperature control			Thermostat by electronics	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics
Safety equipment			Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat
Installation data Refrigerant piping size	Liquid line		φ 6.35 (1/4") <Flare piping>	φ 6.35 (1/4") <Flare piping>	φ 6.35 (1/4") <Flare piping>	φ 6.35 (1/4") <Flare piping>	φ 6.35 (1/4") <Flare piping>
	Gas line		φ 9.52 (3/8") <Flare piping>	φ 9.52 (3/8") <Flare piping>	φ 12.7 (1/2") <Flare piping>	φ 12.7 (1/2") <Flare piping>	φ 12.7 (1/2") <Flare piping>
Refrigerant			R410A	R410A	R410A	R410A	R410A
Drain pump			Built-in Drain pump	Built-in Drain pump	Built-in Drain pump	Built-in Drain pump	Built-in Drain pump
Drain hose			Connectable with VP25 (I.D.25,O.D.32)	Connectable with VP25 (I.D.25,O.D.32)	Connectable with VP25 (I.D.25,O.D.32)	Connectable with VP25 (I.D.25,O.D.32)	Connectable with VP25 (I.D.25,O.D.32)
Insulation for piping			Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)
Accessories			Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose
Exterior dimensions			PJG000Z016	PJG000Z016	PJG000Z016	PJG000Z016	PJG000Z016
Electrical wiring			PJG000Z526	PJG000Z526	PJG000Z526	PJG000Z526	PJG000Z526

Notes (1) The data are measured at the following conditions.

Item	Indoor air temperature		Outdoor air temperature		Standards	External static pressure of indoor unit (Pa)
Operation	DB	WB	DB	WB		
Cooling*1	27℃	19℃	35℃	24℃	ISO-T1	35
Heating*2	20℃		7℃	6℃		

(2) This packaged air-conditioner is manufactured and tested in conformity with the standard. ISO-T1 "UNITARY AIR-CONDITIONERS"
(3) Sound level indicates the value in an anechoic chamber.
During operation these value are somewhat higher due to ambient conditions.
(4) Initial static pressure values of optional air filter "UM-FL□EF" are 5Pa.
(5) Select the breaker size according to the own national standard.

OPTION

		Model	Specification
Remote control	Wired	RC-EX3A	PJZ000Z333
	Wired	RC-E5	PJZ000Z295
	Wired	RCH-E3	PJZ000Z272
	Wireless	RCN-KIT4-E2	PJZ000Z323
Motion sensor		LB-KIT	PJZ000Z331
Air filter (For 22-56)		UM-FL1EF	—

Adapted to **RoHS** directive

PJG000Z525

Models FDUM71KXE6F, 90KXE6F, 112KXE6F, 140KXE6F, 160KXE6F

Models			FDUM71KXE6F	FDUM90KXE6F	FDUM112KXE6F	FDUM140KXE6F	FDUM160KXE6F
Nominal cooling capacity*1		kW	7.1	9.0	11.2	14.0	16.0
Nominal heating capacity*2			8.0	10.0	12.5	16.0	18.0
Power source			1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz
Power consumption	Cooling	kW	0.200 - 0.200 / 0.200	0.200 - 0.200 / 0.200	0.290 - 0.290 / 0.290	0.330 - 0.330 / 0.330	0.450 - 0.450 / 0.450
	Heating		0.200 - 0.200 / 0.200	0.200 - 0.200 / 0.200	0.290 - 0.290 / 0.290	0.330 - 0.330 / 0.330	0.450 - 0.450 / 0.450
Running current	Cooling	A	0.91 - 0.83 / 0.91	0.91 - 0.83 / 0.91	1.32 - 1.21 / 1.32	1.50 - 1.38 / 1.50	2.05 - 1.88 / 2.05
	Heating		0.91 - 0.83 / 0.91	0.91 - 0.83 / 0.91	1.32 - 1.21 / 1.32	1.50 - 1.38 / 1.50	2.05 - 1.88 / 2.05
Sound Power Level	Cooling	dB(A)	65	65	71	72	74
	Heating		65	65	71	72	74
Sound Pressure Level	Cooling		P-Hi : 38 Hi : 33 Me : 29 Lo : 25	P-Hi : 38 Hi : 33 Me : 29 Lo : 25	P-Hi : 44 Hi : 38 Me : 36 Lo : 30	P-Hi : 45 Hi : 40 Me : 34 Lo : 29	P-Hi : 47 Hi : 40 Me : 35 Lo : 30
	Heating		P-Hi : 38 Hi : 33 Me : 29 Lo : 25	P-Hi : 38 Hi : 33 Me : 29 Lo : 25	P-Hi : 44 Hi : 38 Me : 36 Lo : 30	P-Hi : 45 Hi : 40 Me : 34 Lo : 29	P-Hi : 47 Hi : 40 Me : 35 Lo : 30
Exterior dimensions Height x Width x Depth		mm	280 × 950 × 635	280 × 950 × 635	280 × 1,368 × 740	280 × 1,368 × 740	280 × 1,368 × 740
Net weight		kg	34	34	54	54	54
Refrigerant equipment Heat exchanger			Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing
Refrigerant control			Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Air handling equipment Fan type & Q'ty			Centrifugal fan ×2	Centrifugal fan ×2	Centrifugal fan ×3	Centrifugal fan ×3	Centrifugal fan ×3
Fan motor <starting method>		W	130 < Direct line start >	130 < Direct line start >	100 + 130 < Direct line start >	100 + 200 < Direct line start >	100 + 200 < Direct line start >
Air flow(Standard)	Cooling	m^3/min	P-Hi : 24 Hi : 19 Me : 15 Lo : 10	P-Hi : 24 Hi : 19 Me : 15 Lo : 10	P-Hi : 36 Hi : 28 Me : 25 Lo : 19	P-Hi : 39 Hi : 32 Me : 26 Lo : 20	P-Hi : 48 Hi : 35 Me : 28 Lo : 22
	Heating		P-Hi : 24 Hi : 19 Me : 15 Lo : 10	P-Hi : 24 Hi : 19 Me : 15 Lo : 10	P-Hi : 36 Hi : 28 Me : 25 Lo : 19	P-Hi : 39 Hi : 32 Me : 26 Lo : 20	P-Hi : 48 Hi : 35 Me : 28 Lo : 22
Available static pressure		Pa	100 (at 24 m^3/min)	100 (at 24 m^3/min)	100 (at 36 m^3/min)	100 (at 39 m^3/min)	100 (at 48 m^3/min)
Outdoor air intake			Possible	Possible	Possible	Possible	Possible
Air filter, Q'ty			Procure locally	Procure locally	Procure locally	Procure locally	Procure locally
Shock & vibration absorber			Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Insulation (noise & heat)			Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form
Operation control Remote control switch (option)			Wired : RC-EX3A,RC-E5 Wireless : RCN-KIT4-E2	Wired : RC-EX3A,RC-E5 Wireless : RCN-KIT4-E2	Wired : RC-EX3A,RC-E5 Wireless : RCN-KIT4-E2	Wired : RC-EX3A,RC-E5 Wireless : RCN-KIT4-E2	Wired : RC-EX3A,RC-E5 Wireless : RCN-KIT4-E2
Room temperature control			Thermostat by electronics	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics
Safety equipment			Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat
Installation data Refrigerant piping size	Liquid line		ϕ 9.52 (3/8") <Flare piping>	ϕ 9.52 (3/8") <Flare piping>	ϕ 9.52 (3/8") <Flare piping>	ϕ 9.52 (3/8") <Flare piping>	ϕ 9.52 (3/8") <Flare piping>
	Gas line		ϕ 15.88 (5/8") <Flare piping>	ϕ 15.88 (5/8") <Flare piping>	ϕ 15.88 (5/8") <Flare piping>	ϕ 15.88 (5/8") <Flare piping>	ϕ 15.88 (5/8") <Flare piping>
Refrigerant			R410A	R410A	R410A	R410A	R410A
Drain pump			Built-in Drain pump	Built-in Drain pump	Built-in Drain pump	Built-in Drain pump	Built-in Drain pump
Drain hose			Connectable with VP25 (I.D.25,O.D.32)	Connectable with VP25 (I.D.25,O.D.32)	Connectable with VP25 (I.D.25,O.D.32)	Connectable with VP25 (I.D.25,O.D.32)	Connectable with VP25 (I.D.25,O.D.32)
Insulation for piping			Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)
Accessories			Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose
Exterior dimensions			PJG000Z017	PJG000Z017	PJG000Z018	PJG000Z018	PJG000Z018
Electrical wiring			PJG000Z527	PJG000Z527	PJG000Z528	PJG000Z528	PJG000Z528

Notes (1) The data are measured at the following conditions.

Item	Indoor air temperature		Outdoor air temperature		Standards	External static pressure of indoor unit (Pa)
	DB	WB	DB	WB		
Operation	27℃	19℃	35℃	24℃	ISO-T1	60
Cooling*1						
Heating*2	20℃		7℃	6℃		

(2) This packaged air-conditioner is manufactured and tested in conformity with the standard. ISO-T1 "UNITARY AIR-CONDITIONERS"

(3) Sound level indicates the value in an anechoic chamber. During operation these value are somewhat higher due to ambient conditions.

(4) Initial static pressure values of optional air filter "UM-FL□EF" are 5Pa.

(5) Select the breaker size according to the own national standard.

OPTION

		Model	Specification
Remote control	Wired	RC-EX3A	PJZ000Z333
	Wired	RC-E5	PJZ000Z295
	Wired	RCH-E3	PJZ000Z272
	Wireless	RCN-KIT4-E2	PJZ000Z323
Motion sensor		LB-KIT	PJZ000Z331
Air filter (For 71-90)		UM-FL2EF	—
Air filter (For 112-160)		UM-FL3EF	—

Adapted to **RoHS** directive

PJG000Z525

(7) Duct connected (thin) -Low static pressure type (FDUT)

Model FDUT71KXE6F-E

Models			FDUT71KXE6F-E
Panel model (Option)			Rear air return
Nominal cooling capacity*1		kW	7.1
Nominal heating capacity*2		kW	8.0
Power source			1 Phase 220-240V 50Hz / 220V 60Hz
Power consumption	Cooling	kW	0.080 - 0.080 / 0.080
	Heating		0.070 - 0.070 / 0.070
Running current	Cooling	A	0.42 - 0.42 / 0.42
	Heating		0.46 - 0.46 / 0.46
Sound Power Level			Hi : 59
Sound Pressure Level ①		dB(A)	Hi : 35 Me : 31 Lo : 28
Sound Pressure Level ②			Hi : 41 Me : 37 Lo : 32
Exterior dimensions Height x Width x Depth		mm	220 × 1,150 × 565
Net weight		kg	31
Refrigerant equipment Heat exchanger			Louver fin & inner grooved tubing
Refrigerant control			Electronic Expansion Valve
Air handling equipment Fan type & Q'ty			Centrifugal fan ×4
Fan motor <starting method>		W	100 < Direct line start >
Air flow(Standard)	Cooling	m^3/min	Hi : 16 Me : 13 Lo : 9.5
	Heating		Hi : 16 Me : 13 Lo : 9.5
Available static pressure		Pa	Standard:10,Max:50
Outdoor air intake			Possible
Suction guard(Air filter), Q'ty			Procure locally
Shock & vibration absorber			Rubber sleeve(for fan motor)
Insulation (noise & heat)			Polyurethane form
Operation control Remote control switch (option)			Wired : RC-EX3A,RC-E5 Wireless : RCN-KIT4-E2
Room temperature control			Thermostat by electronics
Safety equipment			Overload protection for fan motor Frost protection thermostat
Installation data Refrigerant piping size	Liquid line		φ 9.52 (3/8") <Flare piping>
	Gas line		φ 15.88 (5/8") <Flare piping>
Refrigerant			R410A
Drain pump			Built-in Drain pump
Drain hose			Hose Connectable VP25(I.D.25.O.D.32)
Insulation for piping			Necessary(both Liquid & Gas line)
Accessories			Mounting kit, Drain hose
Exterior dimensions			PJH000Z012
Electrical wiring			PJH000Z023

Notes (1) The data are measured at the following conditions.

Item	Indoor air temperature		Outdoor air temperature		Standards	External static pressure of indoor unit (Pa)
Operation	DB	WB	DB	WB	ISO-T1	10
Cooling*1	27℃	19℃	35℃	24℃		
Heating*2	20℃		7℃	6℃		

(2) This packaged air-conditioner is manufactured and tested in conformity with the standard. ISO-T1 "UNITARY AIR-CONDITIONERS"

(3) Sound Pressure Level shows the value when the supply duct of 2m and the return duct of 1m (except the Bottom air return) are connected the unit.

(4) Sound Pressure Level ① : Mike position is 1.5m below the unit,
② : Mike position is 1m in front and 1m below od the air supply duct.

(5) Initial static pressure value of optional suction guard(Air filter) "UT-FL□EF" is 5Pa.

(6) Select the breaker size according to the own national standard.

OPTION

		Model	Specification
Remote control	Wired	RC-EX3A	PJZ000Z333
	Wired	RC-E5	PJZ000Z295
	Wired	RCH-E3	PJZ000Z272
	Wireless	RCN-KIT4-E2	PJZ000Z323
Motion sensor		LB-KIT	PJZ000Z331
Suction guard(Air filter)		UT-FL3EF(For71)	—

Adapted to **RoHS** directive

PJH000Z022

(8) Wall mounted type (FDK)

Models FDK15KXZE1, 22KXZE1, 28KXZE1, 36KXZE1, 45KXZE1

Models			FDK15KXZE1	FDK22KXZE1	FDK28KXZE1	FDK36KXZE1	FDK45KXZE1
Nominal cooling capacity*1		kW	1.5	2.2	2.8	3.6	4.5
Nominal heating capacity*2			1.7	2.5	3.2	4.0	5.0
Power source			1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz
Power consumption	Cooling	kW	0.020 - 0.020 / 0.020	0.020 - 0.020 / 0.020	0.020 - 0.020 / 0.020	0.030 - 0.030 / 0.030	0.030 - 0.030 / 0.030
	Heating		0.020 - 0.020 / 0.020	0.020 - 0.020 / 0.020	0.020 - 0.020 / 0.020	0.030 - 0.030 / 0.030	0.030 - 0.030 / 0.030
Running current	Cooling	A	0.18 - 0.16 / 0.18	0.18 - 0.16 / 0.18	0.18 - 0.16 / 0.18	0.27 - 0.25 / 0.27	0.27 - 0.25 / 0.27
	Heating		0.18 - 0.16 / 0.18	0.18 - 0.16 / 0.18	0.18 - 0.16 / 0.18	0.27 - 0.25 / 0.27	0.27 - 0.25 / 0.27
Sound Power Level	Cooling	dB(A)	54	55	55	58	58
	Heating		54	55	55	58	58
Sound Pressure Level	Cooling		P-Hi : 38 Hi : 36 Me : 32 Lo : 28	P-Hi : 38 Hi : 36 Me : 32 Lo : 28	P-Hi : 38 Hi : 36 Me : 32 Lo : 28	P-Hi : 40 Hi : 38 Me : 33 Lo : 28	P-Hi : 43 Hi : 41 Me : 36 Lo : 33
	Heating		P-Hi : 38 Hi : 34 Me : 31 Lo : 28	P-Hi : 38 Hi : 36 Me : 32 Lo : 28	P-Hi : 38 Hi : 36 Me : 32 Lo : 28	P-Hi : 40 Hi : 38 Me : 33 Lo : 28	P-Hi : 43 Hi : 41 Me : 36 Lo : 33
Exterior dimensions Height x Width x Depth		mm	290 × 870 × 230	290 × 870 × 230	290 × 870 × 230	290 × 870 × 230	290 × 870 × 230
Exterior appearance (Munsell color)			Fine Snow (9.3G8.7/0.1) near equivalent	Fine Snow (9.3G8.7/0.1) near equivalent	Fine Snow (9.3G8.7/0.1) near equivalent	Fine Snow (9.3G8.7/0.1) near equivalent	Fine Snow (9.3G8.7/0.1) near equivalent
Net weight		kg	11.5	11	11	11.5	11.5
Refrigerant equipment Heat exchanger			Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing
Refrigerant control			Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Air handling equipment Fan type & Q'ty			Tangential fan ×1	Tangential fan ×1	Tangential fan ×1	Tangential fan ×1	Tangential fan ×1
Fan motor <starting method>		W	42 < Direct line start >	42 < Direct line start >	42 < Direct line start >	42 < Direct line start >	42 < Direct line start >
Air flow(Standard)	Cooling	m^3/min	P-Hi : 5.7 Hi : 5 Me : 4.5 Lo : 3.6	P-Hi : 8.5 Hi : 8 Me : 6 Lo : 5	P-Hi : 8.5 Hi : 8 Me : 6 Lo : 5	P-Hi : 11 Hi : 10 Me : 8 Lo : 7	P-Hi : 12 Hi : 11 Me : 9 Lo : 8
	Heating		P-Hi : 5.7 Hi : 5 Me : 4.5 Lo : 3.6	P-Hi : 8.5 Hi : 8 Me : 6 Lo : 5	P-Hi : 8.5 Hi : 8 Me : 6 Lo : 5	P-Hi : 11 Hi : 10 Me : 8 Lo : 7	P-Hi : 12 Hi : 11 Me : 9 Lo : 8
Available static pressure		Pa	0	0	0	0	0
Outdoor air intake			Not Possible	Not Possible	Not Possible	Not Possible	Not Possible
Air filter, Q'ty			Polypropylene net ×2 (Washable)	Polypropylene net ×2 (Washable)	Polypropylene net ×2 (Washable)	Polypropylene net ×2 (Washable)	Polypropylene net ×2 (Washable)
Shock & vibration absorber			Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Insulation (noise & heat)			Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form
Operation control Remote control switch (option)			Wired : RC-EX3A Wireless : RCN-K-E2	Wired : RC-EX3A Wireless : RCN-K-E2	Wired : RC-EX3A Wireless : RCN-K-E2	Wired : RC-EX3A Wireless : RCN-K-E2	Wired : RC-EX3A Wireless : RCN-K-E2
Room temperature control			Thermostat by electronics	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics
Safety equipment			Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat
Installation data Refrigerant piping size	Liquid line		ϕ 6.35 (1/4") <Flare piping>	ϕ 6.35 (1/4") <Flare piping>	ϕ 6.35 (1/4") <Flare piping>	ϕ 6.35 (1/4") <Flare piping>	ϕ 6.35 (1/4") <Flare piping>
	Gas line		ϕ 9.52 (3/8") <Flare piping>	ϕ 9.52 (3/8") <Flare piping>	ϕ 9.52 (3/8") <Flare piping>	ϕ 12.7 (1/2") <Flare piping>	ϕ 12.7 (1/2") <Flare piping>
Refrigerant			R410A	R410A	R410A	R410A	R410A
Drain hose			Connectable with VP16(I.D.16)	Connectable with VP16(I.D.16)	Connectable with VP16(I.D.16)	Connectable with VP16(I.D.16)	Connectable with VP16(I.D.16)
Insulation for piping			Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)
Accessories			Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose
Exterior dimensions			PHA001Z105	PHA001Z105	PHA001Z105	PHA001Z105	PHA001Z105
Electrical wiring			PHA001Z142	PHA001Z142	PHA001Z142	PHA001Z142	PHA001Z142

Notes (1) The data are measured at the following conditions.

Item	Indoor air temperature		Outdoor air temperature		Standards
	DB	WB	DB	WB	
Operation	27°C	19°C	35°C	24°C	ISO-T1
Cooling*1					
Heating*2	20°C		7°C	6°C	

(2) This packaged air-conditioner is manufactured and tested in conformity with the standard. ISO-T1 "UNITARY AIR-CONDITIONERS"

(3) Sound level indicates the value in an anechoic chamber. During operation these value are somewhat higher due to ambient conditions.

(4) Select the breaker size according to the own national standard.

OPTION

	Model	Specification	Adapted to **RoHS** directive
Remote control	Wired	RC-EX3A	PJZ000Z333
	Wired	RC-E5	PJZ000Z295
	Wired	RCH-E3	PJZ000Z272
Wireless FDK15-56		RCN-K-E2	PHA001Z123
Wireless FDK71-90		RCN-K71-E2	PHA001Z124
Motion sensor		LB-KIT	PJZ000Z331

PHA001Z141

Models FDK56KXZE1, 71KXZE1, 90KXZE1

Models			FDK56KXZE1	FDK71KXZE1	FDK90KXZE1
Nominal cooling capacity*1		kW	5.6	7.1	9.0
Nominal heating capacity*2			6.3	8.0	10.0
Power source			1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz
Power consumption	Cooling	kW	0.030 - 0.030 / 0.030	0.040 - 0.040 / 0.040	0.050 - 0.050 / 0.050
	Heating		0.030 - 0.030 / 0.030	0.040 - 0.040 / 0.040	0.050 - 0.050 / 0.050
Running current	Cooling	A	0.27 - 0.25 / 0.27	0.34 - 0.31 / 0.34	0.42 - 0.39 / 0.42
	Heating		0.27 - 0.25 / 0.27	0.34 - 0.31 / 0.34	0.42 - 0.39 / 0.42
Sound Power Level	Cooling	dB(A)	58	59	61
	Heating		61	59	61
Sound Pressure Level	Cooling		P-Hi : 43 Hi : 41 Me : 36 Lo : 33	P-Hi : 42 Hi : 40 Me : 37 Lo : 35	P-Hi : 44 Hi : 42 Me : 39 Lo : 35
	Heating		P-Hi : 44 Hi : 42 Me : 37 Lo : 33	P-Hi : 42 Hi : 40 Me : 37 Lo : 35	P-Hi : 44 Hi : 42 Me : 39 Lo : 35
Exterior dimensions Height x Width x Depth		mm	290 × 870 × 230	339 × 1,197 × 262	339 × 1,197 × 262
Exterior appearance (Munsell color)			Fine Snow (9.3G8.7/0.1) near equivalent	Fine Snow (9.3G8.7/0.1) near equivalent	Fine Snow (9.3G8.7/0.1) near equivalent
Net weight		kg	11.5	17	17
Refrigerant equipment Heat exchanger			Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing
Refrigerant control			Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Air handling equipment Fan type & Q'ty			Tangential fan ×1	Tangential fan ×1	Tangential fan ×1
Fan motor <starting method>		W	42 < Direct line start >	56 < Direct line start >	56 < Direct line start >
Air flow(Standard)	Cooling	m^3/min	P-Hi : 12 Hi : 11 Me : 9 Lo : 8	P-Hi : 21 Hi : 19 Me : 16 Lo : 14	P-Hi : 23 Hi : 21 Me : 19 Lo : 16
	Heating		P-Hi : 13 Hi : 12 Me : 10 Lo : 8	P-Hi : 21 Hi : 19 Me : 16 Lo : 14	P-Hi : 23 Hi : 21 Me : 19 Lo : 16
Available static pressure		Pa	0	0	0
Outdoor air intake			Not Possible	Not Possible	Not Possible
Air filter, Q'ty			Polypropylene net ×2 (Washable)	Polypropylene net ×2 (Washable)	Polypropylene net ×2 (Washable)
Shock & vibration absorber			Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Insulation (noise & heat)			Polyurethane form	Polyurethane form	Polyurethane form
Operation control Remote control switch (option)			Wired : RC-EX3A Wireless : RCN-K-E2	Wired : RC-EX3A Wireless : RCN-K71-E2	Wired : RC-EX3A Wireless : RCN-K71-E2
Room temperature control			Thermostat by electronics	Thermostat by electronics	Thermostat by electronics
Safety equipment			Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat
Installation data Refrigerant piping size	Liquid line		ϕ 6.35 (1/4") <Flare piping>	ϕ 9.52 (3/8") <Flare piping>	ϕ 9.52 (3/8") < Flare piping >
	Gas line		ϕ 12.7 (1/2") <Flare piping>	ϕ 15.88 (5/8") <Flare piping>	ϕ 15.88 (5/8") < Flare piping >
Refrigerant			R410A	R410A	R410A
Drain hose			Connectable with VP16(I.D.16)	Connectable with VP16(I.D.16)	Connectable with VP16(I.D.16)
Insulation for piping			Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)
Accessories			Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose
Exterior dimensions			PHA001Z105	PHA001Z106	PHA001Z106
Electrical wiring			PHA001Z142	PHA001Z142	PHA001Z142

Notes (1) The data are measured at the following conditions.

Item	Indoor air temperature		Outdoor air temperature		Standards
	DB	WB	DB	WB	
Operation	27°C	19°C	35°C	24°C	ISO-T1
Cooling*1					
Heating*2	20°C		7°C	6°C	

(2) This packaged air-conditioner is manufactured and tested in conformity with the standard. ISO-T1 "UNITARY AIR-CONDITIONERS"

(3) Sound level indicates the value in an anechoic chamber. During operation these value are somewhat higher due to ambient conditions.

(4) Select the breaker size according to the own national standard.

OPTION

		Model	Specification
Remote control	Wired	RC-EX3A	PJZ000Z333
	Wired	RC-E5	PJZ000Z295
	Wired	RCH-E3	PJZ000Z272
Wireless FDK15-56		RCN-K-E2	PHA001Z123
Wireless FDK71-90		RCN-K71-E2	PHA001Z124
Motion sensor		LB-KIT	PJZ000Z331

Adapted to **RoHS** directive

PHA001Z141

(9) Ceiling suspended type (FDE)

Models FDE36KXZE1, 45KXZE1, 56KXZE1, 71KXZE1

Models			FDE36KXZE1	FDE45KXZE1	FDE56KXZE1	FDE71KXZE1
Nominal cooling capacity*1		kW	3.6	4.5	5.6	7.1
Nominal heating capacity*2			4.0	5.0	6.3	8.0
Power source			1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz
Power consumption	Cooling	kW	0.050 - 0.050 / 0.050	0.050 - 0.050 / 0.050	0.050 - 0.050 / 0.050	0.070 - 0.070 / 0.070
	Heating		0.050 - 0.050 / 0.050	0.050 - 0.050 / 0.050	0.050 - 0.050 / 0.050	0.070 - 0.070 / 0.070
Running current	Cooling	A	0.45 - 0.45 / 0.45	0.45 - 0.45 / 0.45	0.45 - 0.45 / 0.45	0.65 - 0.65 / 0.65
	Heating		0.45 - 0.45 / 0.45	0.45 - 0.45 / 0.45	0.45 - 0.45 / 0.45	0.65 - 0.65 / 0.65
Sound Power Level	Cooling	dB(A)	60	60	60	62
	Heating		60	60	60	62
Sound Pressure Level	Cooling		P-Hi : 46 Hi : 38 Me : 31 Lo : 26	P-Hi : 46 Hi : 38 Me : 36 Lo : 31	P-Hi : 46 Hi : 38 Me : 36 Lo : 31	P-Hi : 47 Hi : 39 Me : 37 Lo : 32
	Heating		P-Hi : 46 Hi : 38 Me : 31 Lo : 26	P-Hi : 46 Hi : 38 Me : 36 Lo : 31	P-Hi : 46 Hi : 38 Me : 36 Lo : 31	P-Hi : 47 Hi : 39 Me : 37 Lo : 32
Exterior dimensions Height x Width x Depth		mm	210 × 1,070 × 690	210 × 1,070 × 690	210 × 1,070 × 690	210 × 1,320 × 690
Exterior appearance (Munsell color)			Plaster White (6.8Y8.9/0.2) near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent
Net weight		kg	28	28	28	33
Refrigerant equipment Heat exchanger			Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing
Refrigerant control			Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Air handling equipment Fan type & Q'ty			Centrifugal fan ×2	Centrifugal fan ×2	Centrifugal fan ×2	Centrifugal fan ×4
Fan motor <starting method>		W	30 < Direct line start >	30 < Direct line start >	30 < Direct line start >	50 < Direct line start >
Air flow(Standard)	Cooling	m^3/min	P-Hi : 13 Hi : 10 Me : 7 Lo : 5.5	P-Hi : 13 Hi : 10 Me : 9 Lo : 7	P-Hi : 13 Hi : 10 Me : 9 Lo : 7	P-Hi : 20 Hi : 15 Me : 13 Lo : 10
	Heating		P-Hi : 13 Hi : 10 Me : 7 Lo : 5.5	P-Hi : 13 Hi : 10 Me : 9 Lo : 7	P-Hi : 13 Hi : 10 Me : 9 Lo : 7	P-Hi : 20 Hi : 15 Me : 13 Lo : 10
Available static pressure		Pa	0	0	0	0
Outdoor air intake			Not possible	Not possible	Not possible	Not possible
Air filter, Q'ty			Pocket plastic net ×2 (Washable)	Pocket plastic net ×2 (Washable)	Pocket plastic net ×2 (Washable)	Pocket plastic net ×2 (Washable)
Shock & vibration absorber			Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Insulation (noise & heat)			Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form
Operation control Remote control switch (option)			Wired : RC-EX3A,RC-E5 Wireless : RCN-E-E3	Wired : RC-EX3A,RC-E5 Wireless : RCN-E-E3	Wired : RC-EX3A,RC-E5 Wireless : RCN-E-E3	Wired : RC-EX3A,RC-E5 Wireless : RCN-E-E3
Room temperature control			Thermostat by electronics	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics
Safety equipment			Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat
Installation data Refrigerant piping size	Liquid line		ϕ 6.35 (1/4") <Flare piping>	ϕ 6.35 (1/4") <Flare piping>	ϕ 6.35 (1/4") <Flare piping>	ϕ 9.52 (3/8") <Flare piping>
	Gas line		ϕ 12.7 (1/2") <Flare piping>	ϕ 12.7 (1/2") <Flare piping>	ϕ 12.7 (1/2") <Flare piping>	ϕ 15.88 (5/8") <Flare piping>
Refrigerant			R410A	R410A	R410A	R410A
Drain hose			Hose Connectable with VP20(O.D.26)	Hose Connectable with VP20(O.D.26)	Hose Connectable with VP20(O.D.26)	Hose Connectable with VP20(O.D.26)
Insulation for piping			Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)
Accessories			Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose
Exterior dimensions			PFA004Z036	PFA004Z036	PFA004Z036	PFA004Z037
Electrical wiring			PFA004Z096	PFA004Z096	PFA004Z096	PFA004Z096

Notes (1) The data are measured at the following conditions.

Item	Indoor air temperature		Outdoor air temperature		Standards
	DB	WB	DB	WB	
Operation	27°C	19°C	35°C	24°C	ISO-T1
Cooling*1					
Heating*2	20°C		7°C	6°C	

(2) This packaged air-conditioner is manufactured and tested in conformity with the standard. ISO-T1 "UNITARY AIR-CONDITIONERS"

(3) Sound level indicates the value in an anechoic chamber. During operation these value are somewhat higher due to ambient conditions.

(4) Select the breaker size according to the own national standard.

OPTION

	Model	Specification	
Remote control	Wired	RC-EX3A	PJZ000Z333
	Wired	RC-E5	PJZ000Z295
	Wired	RCH-E3	PJZ000Z272
	Wireless	RCN-E-E3	PFA004Z079
Motion sensor		LB-E	PFA004Z077

Adapted to **RoHS** directive

PFA004Z095

Models FDE112KXZE1, 140KXZE1

Models			FDE112KXZE1	FDE140KXZE1
Nominal cooling capacity*1		kW	11.2	14.0
Nominal heating capacity*2			12.5	16.0
Power source			1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz
Power consumption	Cooling	kW	0.100 - 0.100 / 0.100	0.130 - 0.130 / 0.130
	Heating		0.100 - 0.100 / 0.100	0.130 - 0.130 / 0.130
Running current	Cooling	A	0.90 - 0.90 / 0.90	1.20 - 1.20 / 1.20
	Heating		0.90 - 0.90 / 0.90	1.20 - 1.20 / 1.20
Sound Power Level	Cooling	dB(A)	61	64
	Heating		61	64
Sound Pressure Level	Cooling		P-Hi : 45 Hi : 42 Me : 38 Lo : 34	P-Hi : 48 Hi : 43 Me : 40 Lo : 35
	Heating		P-Hi : 45 Hi : 42 Me : 38 Lo : 34	P-Hi : 48 Hi : 43 Me : 40 Lo : 35
Exterior dimensions Height x Width x Depth		mm	250 × 1,620 × 690	250 × 1,620 × 690
Exterior appearance (Munsell color)			Plaster White (6.8Y8.9/0.2) near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent
Net weight		kg	43	43
Refrigerant equipment Heat exchanger			Louver fin & inner grooved tubing	Louver fin & inner grooved tubing
Refrigerant control			Electronic Expansion Valve	Electronic Expansion Valve
Air handling equipment Fan type & Q'ty			Centrifugal fan ×4	Centrifugal fan ×4
Fan motor <starting method>		W	65 < Direct line start >	80 < Direct line start >
Air flow(Standard)	Cooling	m^3/min	P-Hi : 28 Hi : 25 Me : 21 Lo : 16.5	P-Hi : 32 Hi : 26 Me : 23 Lo : 17
	Heating		P-Hi : 28 Hi : 25 Me : 21 Lo : 16.5	P-Hi : 32 Hi : 26 Me : 23 Lo : 17
Available static pressure		Pa	0	0
Outdoor air intake			Not possible	Not possible
Air filter, Q'ty			Pocket plastic net ×2 (Washable)	Pocket plastic net ×2 (Washable)
Shock & vibration absorber			Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Insulation (noise & heat)			Polyurethane form	Polyurethane form
Operation control Remote control switch (option)			Wired : RC-EX3A,RC-E5 Wireless : RCN-E-E3	Wired : RC-EX3A,RC-E5 Wireless : RCN-E-E3
Room temperature control			Thermostat by electronics	Thermostat by electronics
Safety equipment			Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat
Installation data Refrigerant piping size	Liquid line		φ9.52 (3/8") <Flare piping> φ15.88 (5/8") <Flare piping>	φ9.52 (3/8") < Flare piping > φ15.88 (5/8") < Flare piping >
	Gas line			
Refrigerant			R410A	R410A
Drain hose			Hose Connectable with VP20(O.D.26)	Hose Connectable with VP20(O.D.26)
Insulation for piping			Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)
Accessories			Mounting kit, Drain hose	Mounting kit, Drain hose
Exterior dimensions			PFA004Z038	PFA004Z038
Electrical wiring			PFA004Z096	PFA004Z096

Notes (1) The data are measured at the following conditions.

Item	Indoor air temperature		Outdoor air temperature		Standards
	DB	WB	DB	WB	
Operation	27℃	19℃	35℃	24℃	ISO-T1
Cooling*1					
Heating*2	20℃		7℃	6℃	

(2) This packaged air-conditioner is manufactured and tested in conformity with the standard. ISO-T1 "UNITARY AIR-CONDITIONERS"
(3) Sound level indicates the value in an anechoic chamber. During operation these value are somewhat higher due to ambient conditions.
(4) Select the breaker size according to the own national standard.

OPTION

		Model	Specification
Remote control	Wired	RC-EX3A	PJZ000Z333
	Wired	RC-E5	PJZ000Z295
	Wired	RCH-E3	PJZ000Z272
	Wireless	RCN-E-E3	PFA004Z079
Motion sensor		LB-E	PFA004Z077

Adapted to **RoHS** directive

PFA004Z095

(10) Outdoor air processing unit (FDU-F)

Models FDU650FKXZE1, 1100FKXZE1, 1800FKXZE1, 2400FKXZE1

Models			FDU650FKXZE1	FDU1100FKXZE1	FDU1800FKXZE1	FDU2400FKXZE1
Nominal cooling capacity*1		kW	9.0	14.0	22.4	28.0
Nominal heating capacity*2			6.5	10.5	16.0	21.5
Power source			1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz
Power consumption	Cooling	kW	0.240 - 0.250 / 0.240	0.350 - 0.360 / 0.350	1.160 - 1.200 / 1.160	1.160 - 1.200 / 1.160
	Heating		0.240 - 0.250 / 0.240	0.350 - 0.360 / 0.350	1.160 - 1.200 / 1.160	1.160 - 1.200 / 1.160
Running current	Cooling	A	1.80 - 1.70 / 1.80	2.30 - 2.20 / 2.30	6.80 - 6.50 / 6.80	6.80 - 6.50 / 6.80
	Heating		1.80 - 1.70 / 1.80	2.30 - 2.20 / 2.30	6.80 - 6.50 / 6.80	6.80 - 6.50 / 6.80
Sound Power Level	Cooling	dB(A)	Hi : 55	Hi : 62	Hi : 68	Hi : 70
	Heating		Hi : 55	Hi : 62	Hi : 68	Hi : 70
Sound Pressure Level	Cooling		Hi : 31	Hi : 37	Hi : 42	Hi : 45
	Heating		Hi : 31	Hi : 37	Hi : 42	Hi : 45
Exterior dimensions Height x Width x Depth		mm	280 × 950 × 635	280 × 1,368 × 740	379 × 1,600 × 893	379 × 1,600 × 893
Net weight		kg	34	54	89	89
Refrigerant equipment Heat exchanger			Louver fin & inner grooved tubing Electronic Expansion Valve	Louver fin & inner grooved tubing Electronic Expansion Valve	Louver fin & inner grooved tubing Electronic Expansion Valve	Louver fin & inner grooved tubing Electronic Expansion Valve
Refrigerant control			Centrifugal fan ×2	Centrifugal fan ×3	Centrifugal fan ×3	Centrifugal fan ×3
Air handling equipment Fan type & Q'ty			130 < Direct line start >	100 + 200 < Direct line start >	130 + 350 < Direct line start >	130 + 350 < Direct line start >
Fan motor <starting method>		W	Hi : 11	Hi : 18	Hi : 30	Hi : 40
Air flow(Standard)	Cooling	m^3/min	Hi : 11	Hi : 18	Hi : 30	Hi : 40
	Heating		200 (at 11 m^3/min)	200 (at 18 m^3/min)	200 (at 30 m^3/min)	200 (at 40 m^3/min)
Available static pressure		Pa	Possible	Possible	Possible	Possible
Outdoor air intake			Procure locally	Procure locally	Procure locally	Procure locally
Air filter, Q'ty			Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Shock & vibration absorber			Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form
Insulation (noise & heat)			Wired : RC-EX3A,RC-E5 Wireless : RCN-KIT4-E2	Wired : RC-EX3A,RC-E5 Wireless : RCN-KIT4-E2	Wired : RC-EX3A,RC-E5 Wireless : RCN-KIT4-E2	Wired : RC-EX3A,RC-E5 Wireless : RCN-KIT4-E2
Operation control Remote control switch (option)			Thermostat by electronics	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics
Room temperature control			Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat
Safety equipment			ϕ 9.52 (3/8") <Flare piping> ϕ 15.88 (5/8") <Flare piping>	ϕ 9.52 (3/8") <Flare piping> ϕ 15.88 (5/8") <Flare piping>	ϕ 9.52 (3/8") <Brazing> ϕ 19.05 (3/4") <Brazing>	ϕ 9.52 (3/8") <Brazing> ϕ 22.22 (7/8") <Brazing>
Installation data Refrigerant piping size	Liquid line Gas line		R410A	R410A	R410A	R410A
Refrigerant			Built-in Drain pump	Built-in Drain pump	-	-
Drain pump			Hose Connectable VP25 (I.D.25 , O.D.32)	Hose Connectable VP25 (I.D.25 , O.D.32)	Connectable with VP25 (O.D.32)	Connectable with VP25 (O.D.32)
Drain hose			Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)
Insulation for piping			Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit	Mounting kit
Accessories			PJG000Z295	PJG000Z296	PJG000Z297	PJG000Z297
Exterior dimensions			PJG000Z563	PJG000Z564	PJG000Z565	PJG000Z565
Electrical wiring			Adapted to **RoHS** directive			

Notes (1) The data are measured at 33ºCDB 28ºCWB (68%RH) during cooling and 0ºCDB-2.9ºCWB (50%RH) during heating (no frost).
(2) Temperature range of outdoor air must be 20 ~ 40ºCDB (32ºCWB or less) during cooling and -10ºC ~ 24ºCDB during heating.
(3) Sound level indicates the value in an anechoic chamber.
During operation these value are somewhat higher due to ambient conditions.
(4) The factory E.S.P. setting is set within the range of 10 - 120Pa.When SW8-4 is turned to "ON", E.S.P. setting range can be changed to 10 - 200 Pa.(For RC-EX3A and RC-E5 only)
(5) Select the breaker size according to the own national standard.

OPTION

		Model	Specification
Remote control	Wired	RC-EX3A	PJZ000Z333
	Wired	RC-E5	PJZ000Z295
	Wired	RCH-E3	PJZ000Z272
	Wireless	RCN-KIT4-E2	PJZ000Z323
Motion sensor		LB-KIT	PJZ000Z331

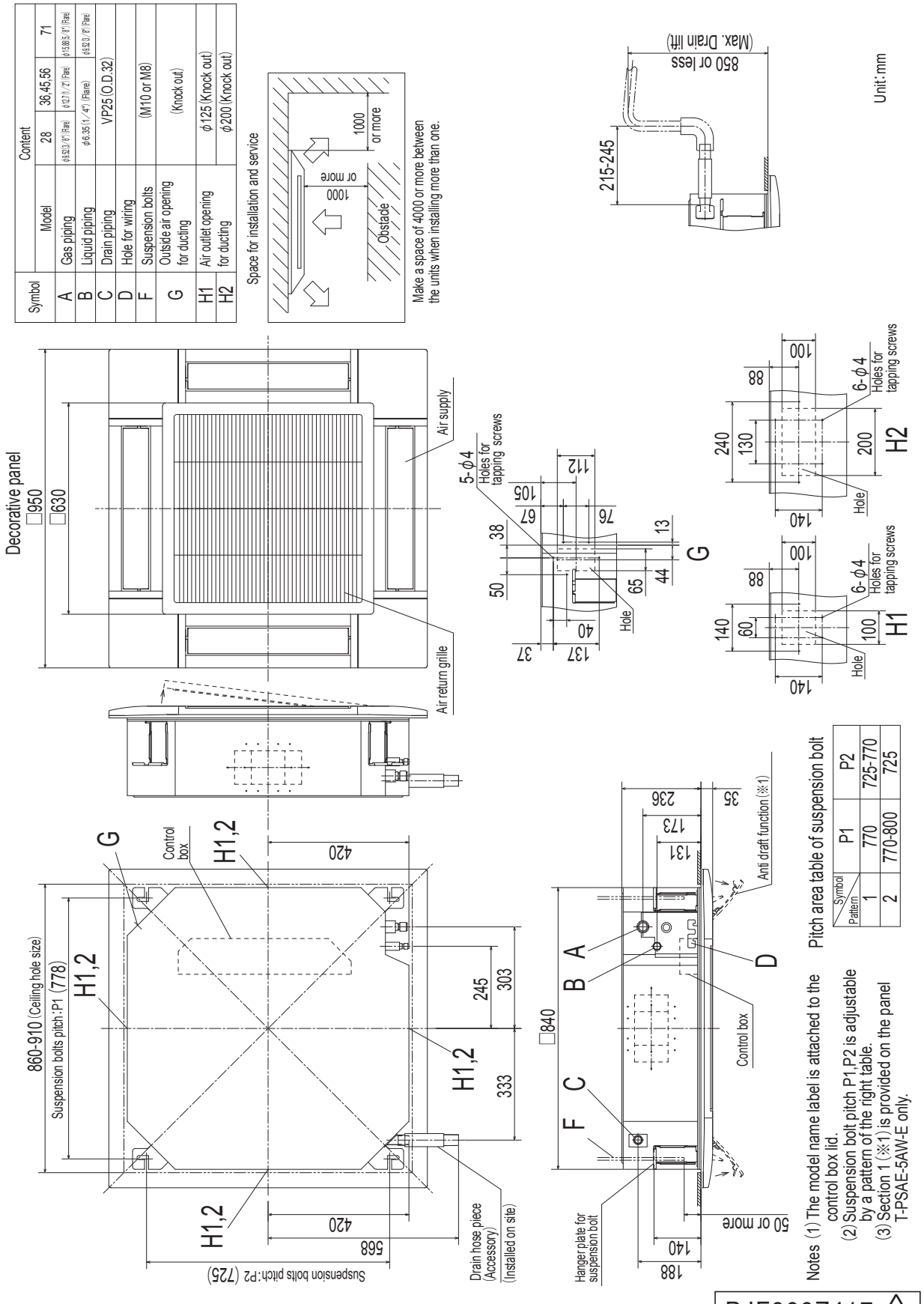
PJG000Z562

2. EXTERIOR DIMENSIONS

(1) Indoor unit

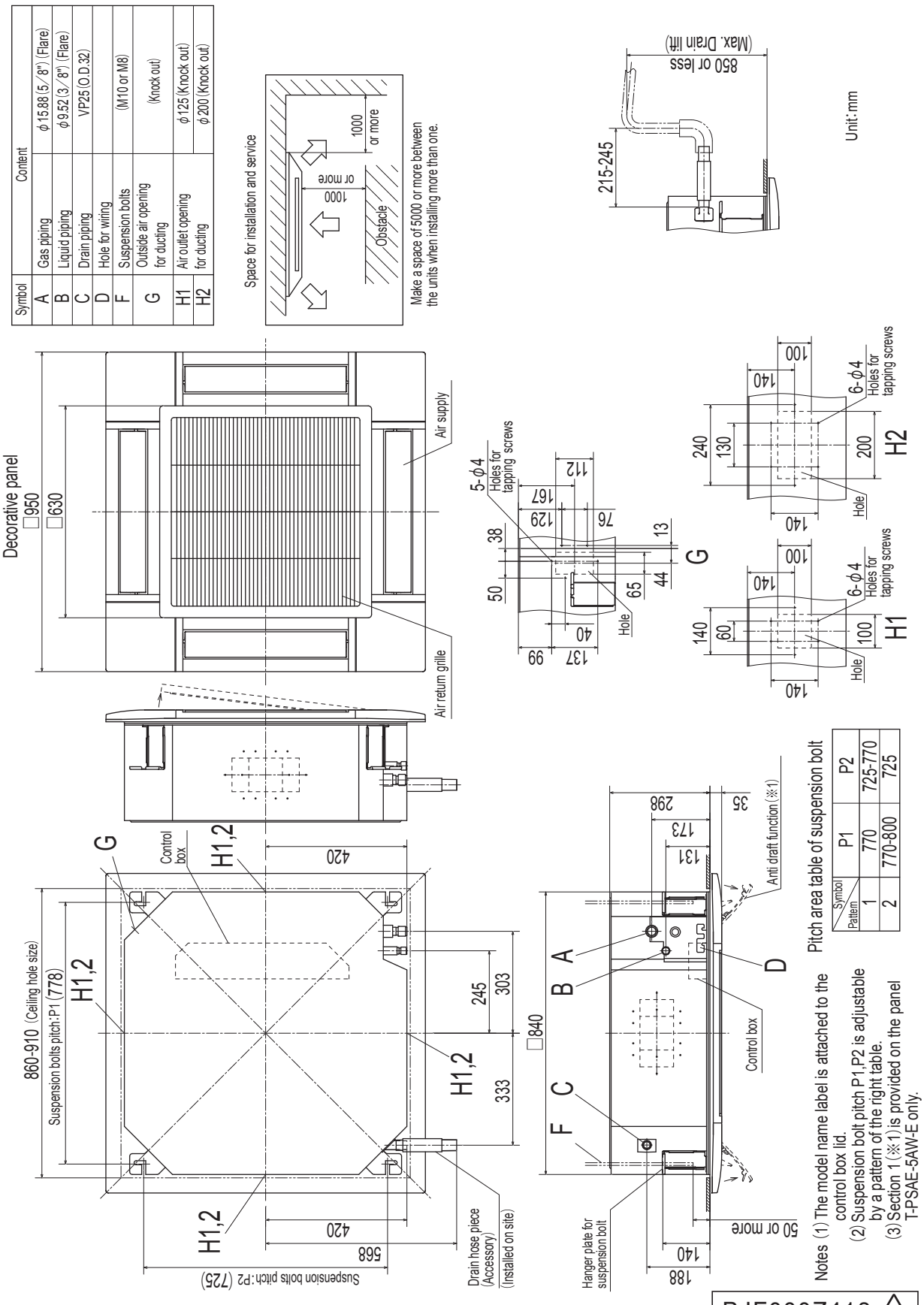
(a) Ceiling cassette-4 way type (FDT)

Models FDT28KXZE1, 36KXZE1, 45KXZE1, 56KXZE1, 71KXZE1



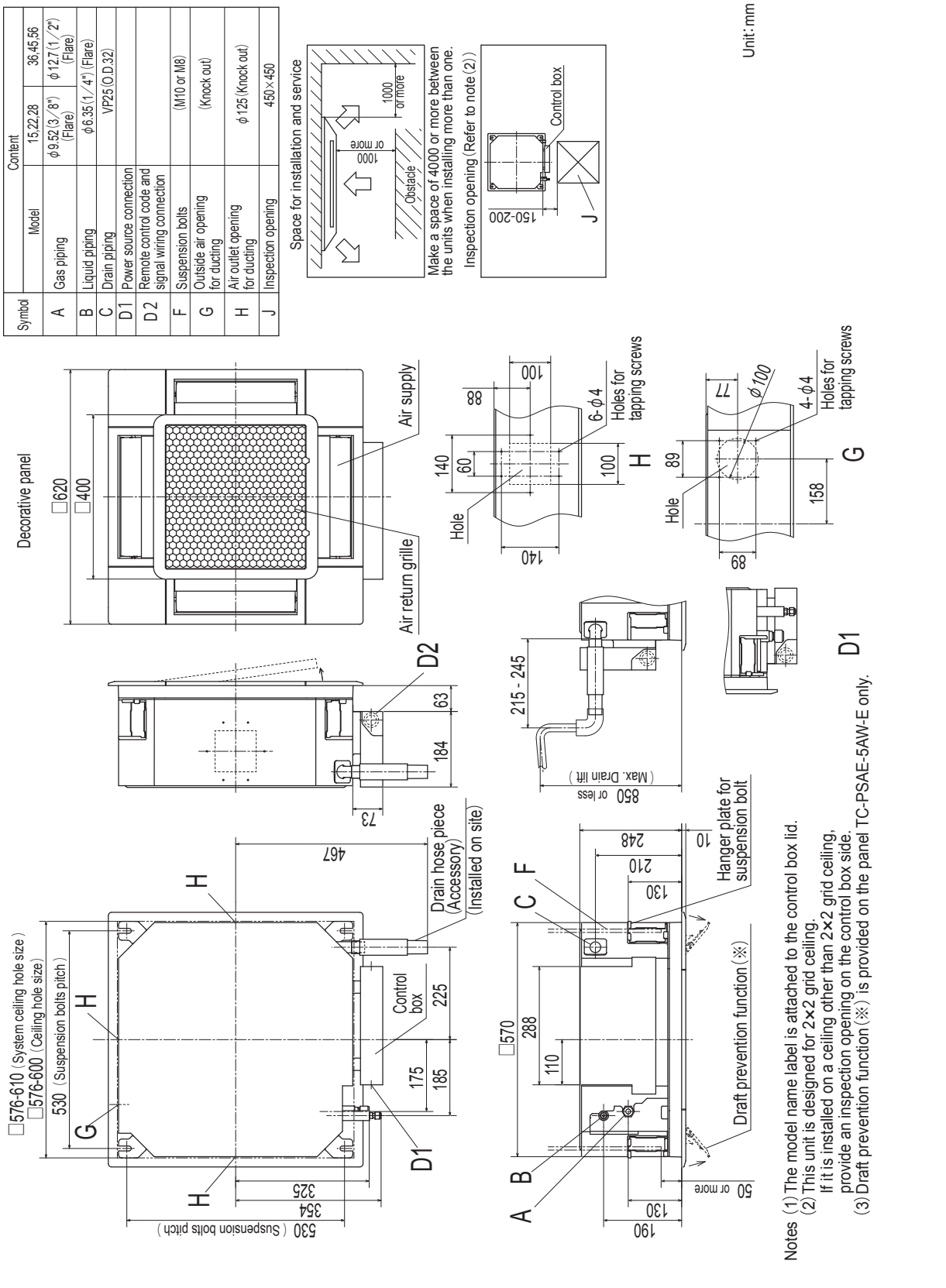
PJF000Z417 A

Models FDT90KXZE1, 112KXZE1, 140KXZE1, 160KXZE1



(b) Ceiling cassette-4 way compact type (FDTC)

All models



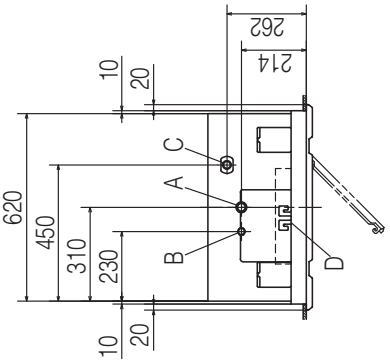
Notes (1) The model name label is attached to the control box lid.
(2) This unit is designed for 2×2 grid ceiling.
If it is installed on a ceiling other than 2×2 grid ceiling, provide an inspection opening on the control box side.
(3) Draft prevention function (※) is provided on the panel TC-PSAE-5AW-E only.

PJF000Z501 A

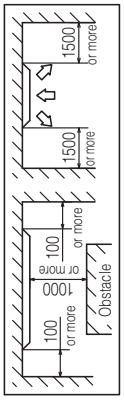
(c) Ceiling cassette-2 way type (FDTW)

Models FDTW28KXE6F, 45KXE6F, 56KXE6F, 71KXE6F

Symbol	Content			
	Model	28	45,56	71
A	Gas piping	φ9.52(3/8") (Flare)	φ12.7(1/2") (Flare)	φ15.88(5/8") (Flare)
B	Liquid piping	φ6.35(1/4") (Flare)		φ9.52(3/8") (Flare)
C	Drain piping	VP25 (O.D.32)		
D	Hole for wiring			
E	Suspension bolts	(M10)		
F	Outside air opening for ducting	(Knock out)		
G	Air outlet opening for ducting	(Knock out)		

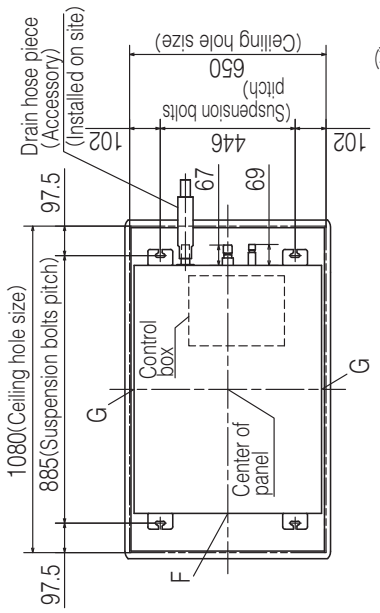


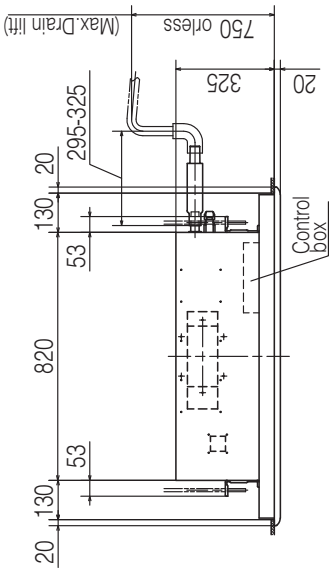
Note (1) The model name label is attached on the lid of the control box.

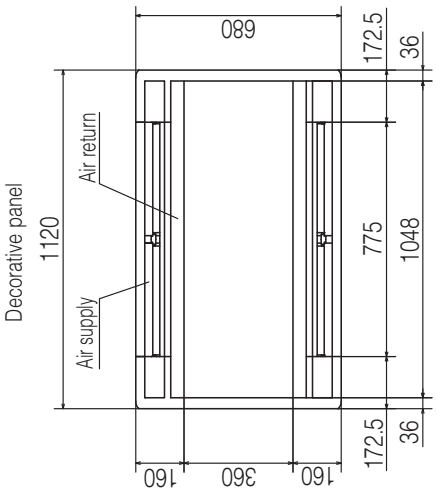


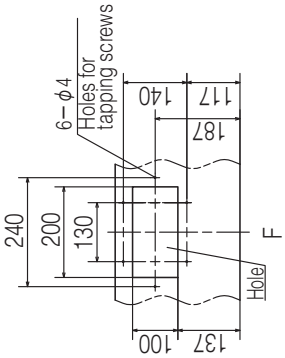
Make a space of 4000 or more between the units when installing more than one.

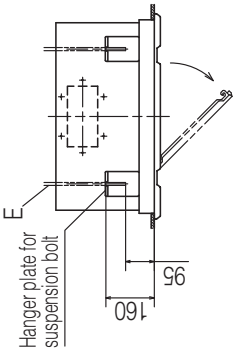
Unit : mm

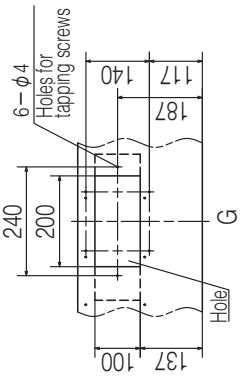






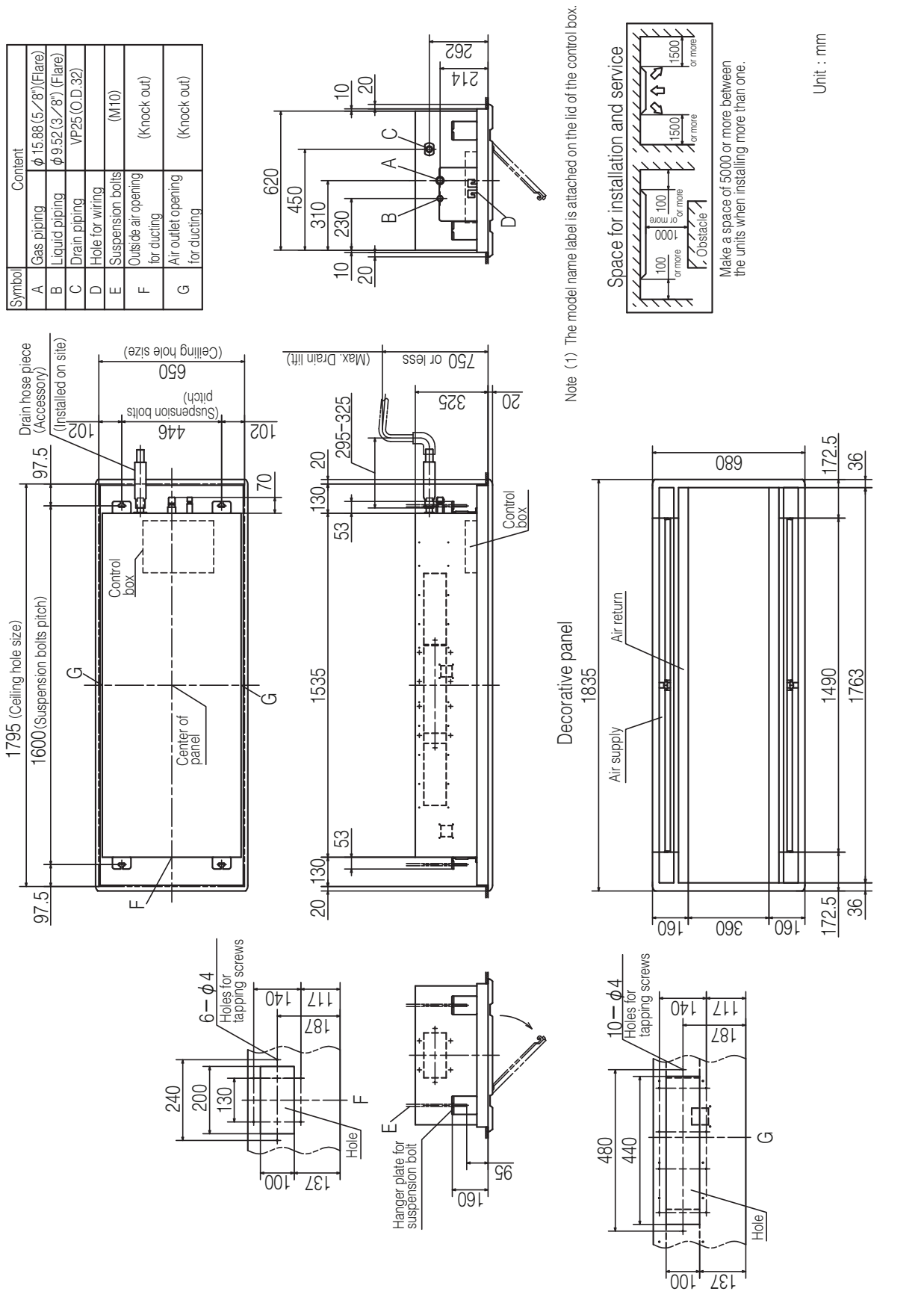






PJB001Z713 A

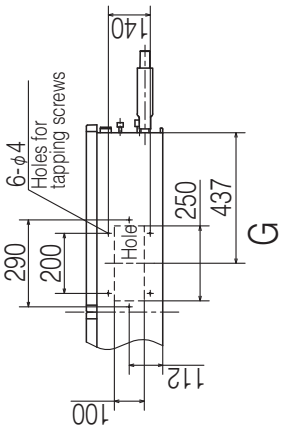
Models FDTW90KXE6F,112KXE6F,140KXE6F

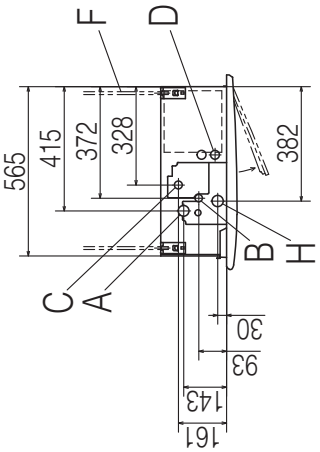


PJB001Z714 A

(d) Ceiling cassette-1 way type (FDTS)
Models FDTS45KXE6F, 71KXE6F

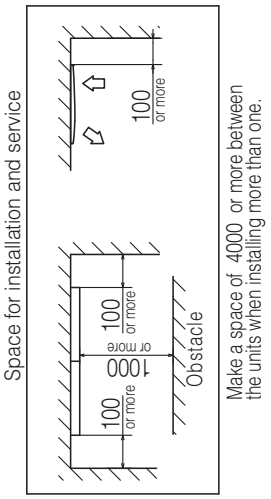
Symbol	Content		
	Model	45	71
A	Gas piping	ϕ12.7 (1/2") (Flare)	ϕ15.88 (5/8") (Flare)
B	Liquid piping	ϕ6.35 (1/4") (Flare)	ϕ9.52 (3/8") (Flare)
C	Drain piping	VP25 (I.D.25, O.D.32) Note (2)	
D	Hole for wiring		
F	Suspension bolts	(M10)	
G	Outside air opening for ducting	(Knock out)	
H	Drain piping (Gravity drainage)	VP25 (I.D.25, O.D.32)	



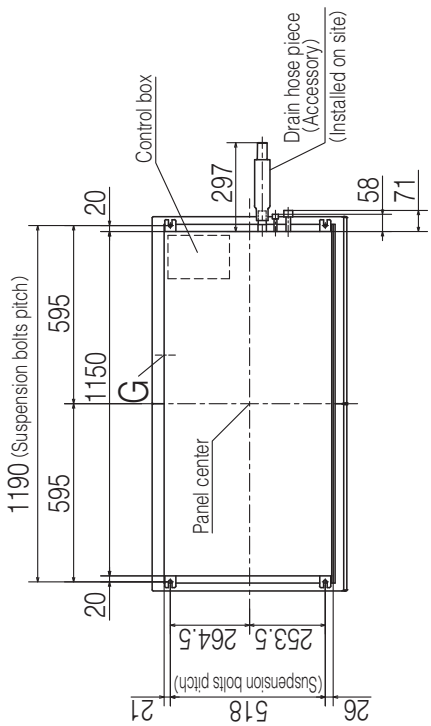


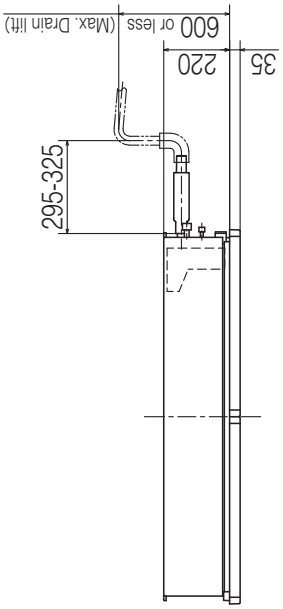
Notes (1) The model name label is attached inside the air return grille.
(2) Prepare the connecting socket (VP25) on site.
(3) This unit is designed for 2×4 grid ceiling.

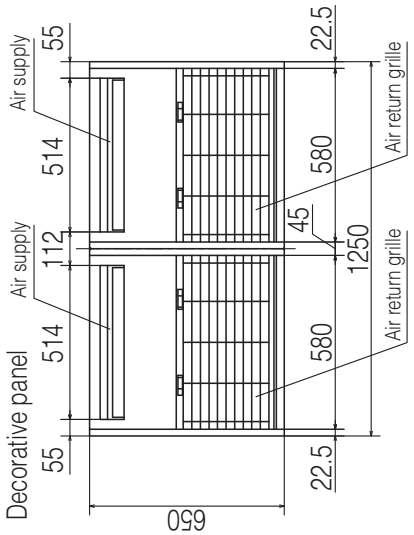
Unit:mm



Make a space of 4000 or more between the units when installing more than one.



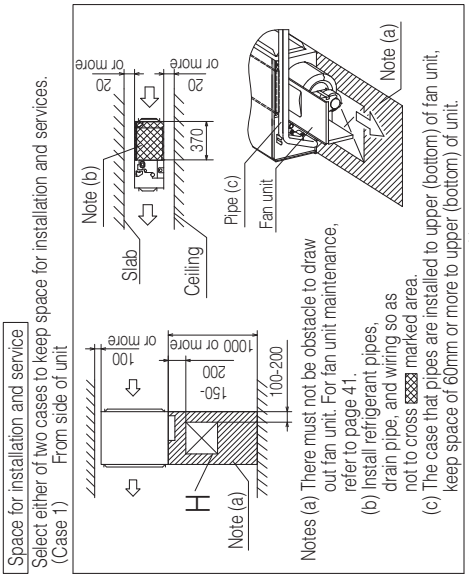


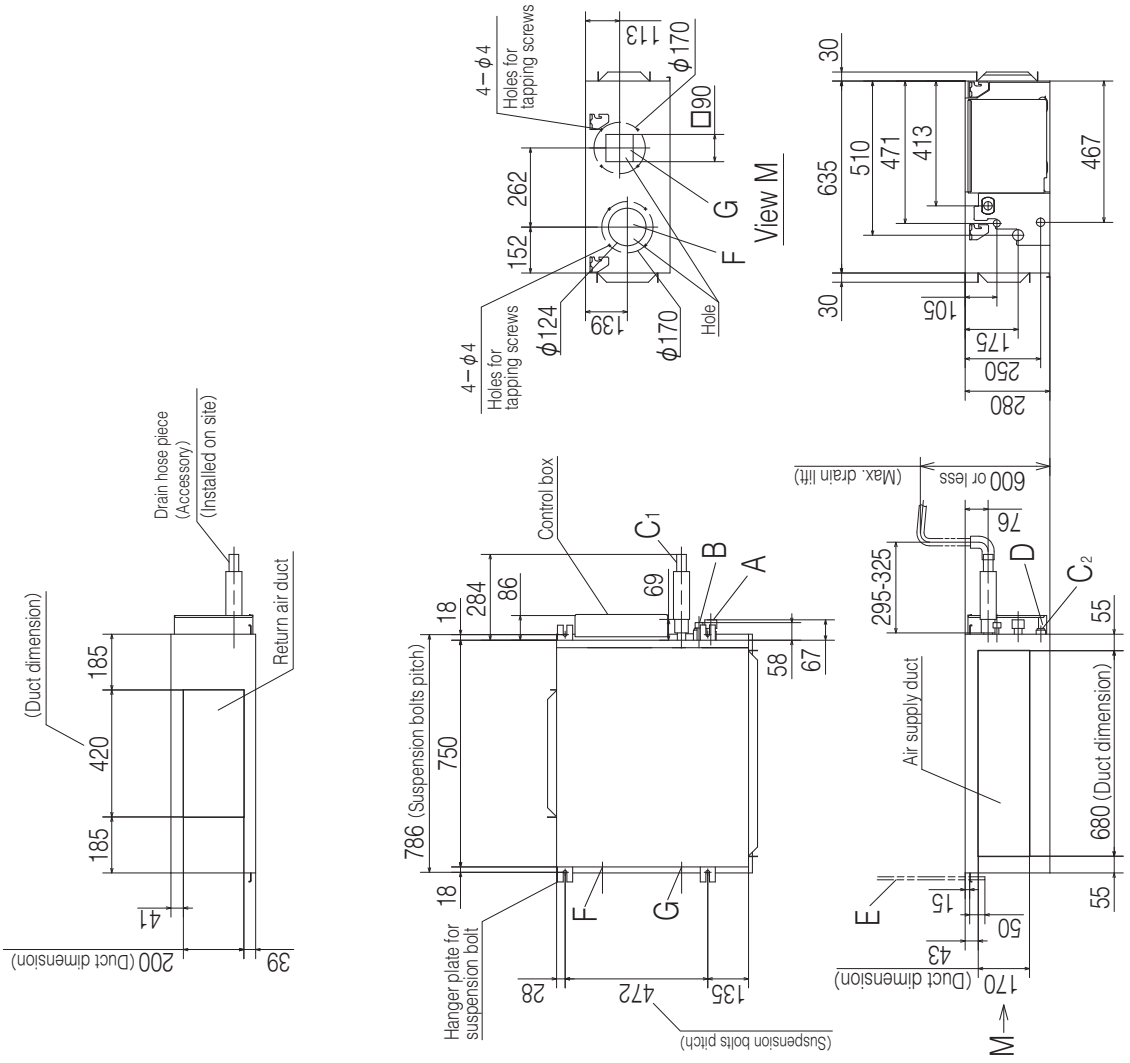


PJC001Z352

(e) Duct connected-High static pressure type (FDU)
Models FDU45KXE6F, 56KXE6F

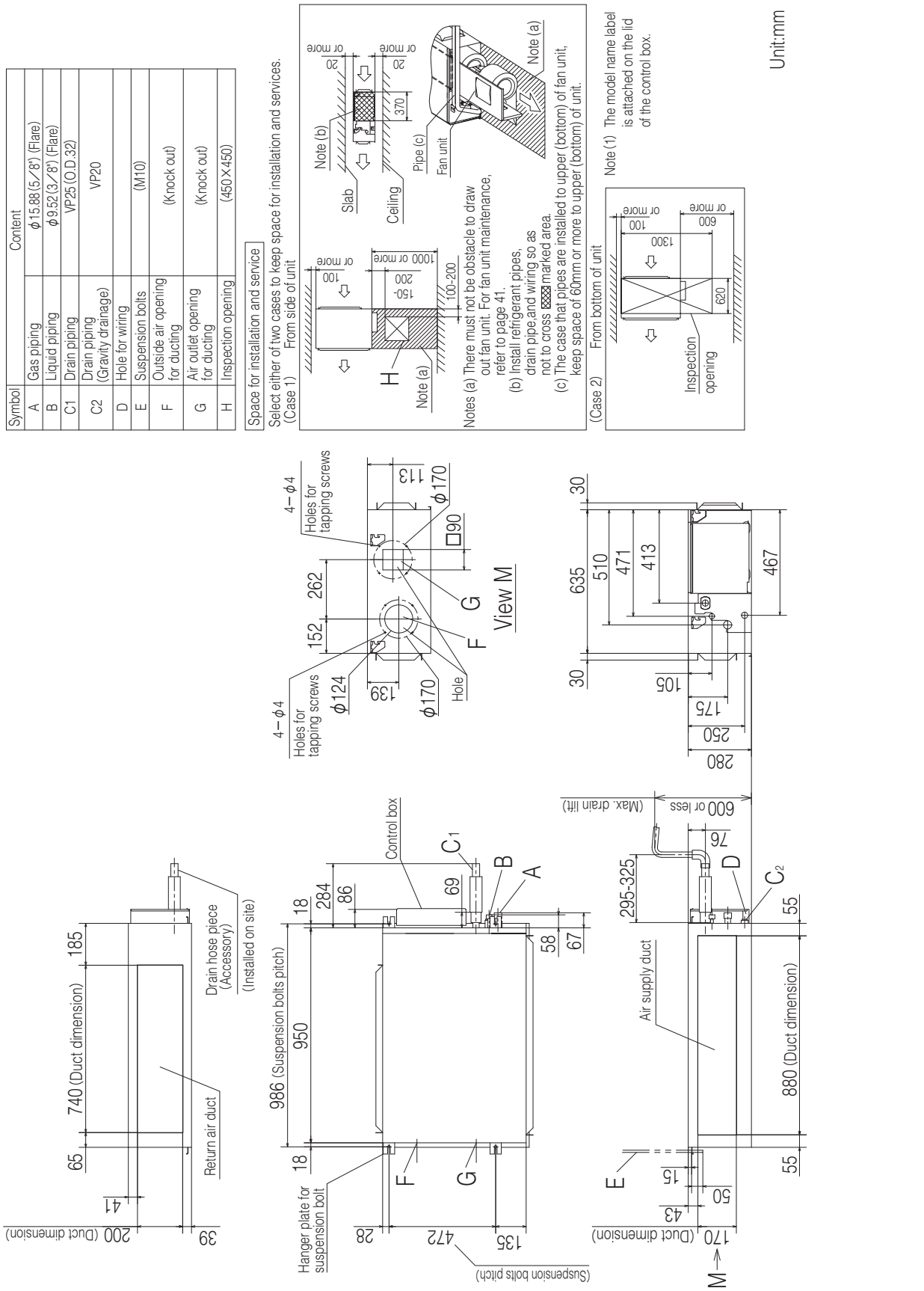
Symbol	Content	
A	Gas piping	ϕ12.7 (1/2") (Flare)
B	Liquid piping	ϕ6.35 (1/4") (Flare)
C1	Drain piping	VP25 (O.D.32)
C2	Drain piping (Gravity drainage)	VP20
D	Hole for wiring	
E	Suspension bolts	(M10)
F	Outside air opening for ducting	(Knock out)
G	Air outlet opening for ducting	(Knock out)
H	Inspection opening	(450×450)





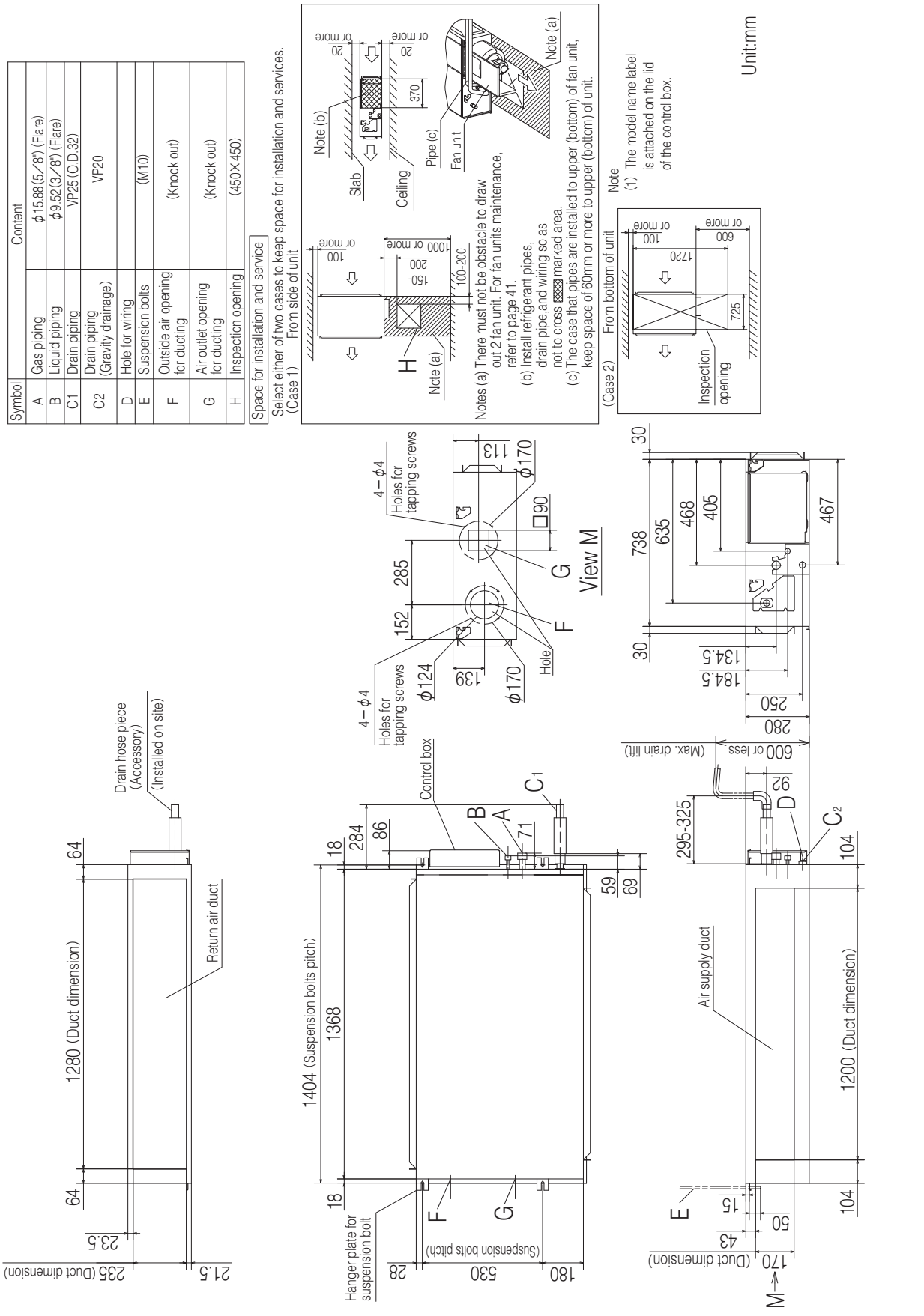
PJG000Z056 B

Models FDU71KXE6F, 90KXE6F



PJG000Z057 B

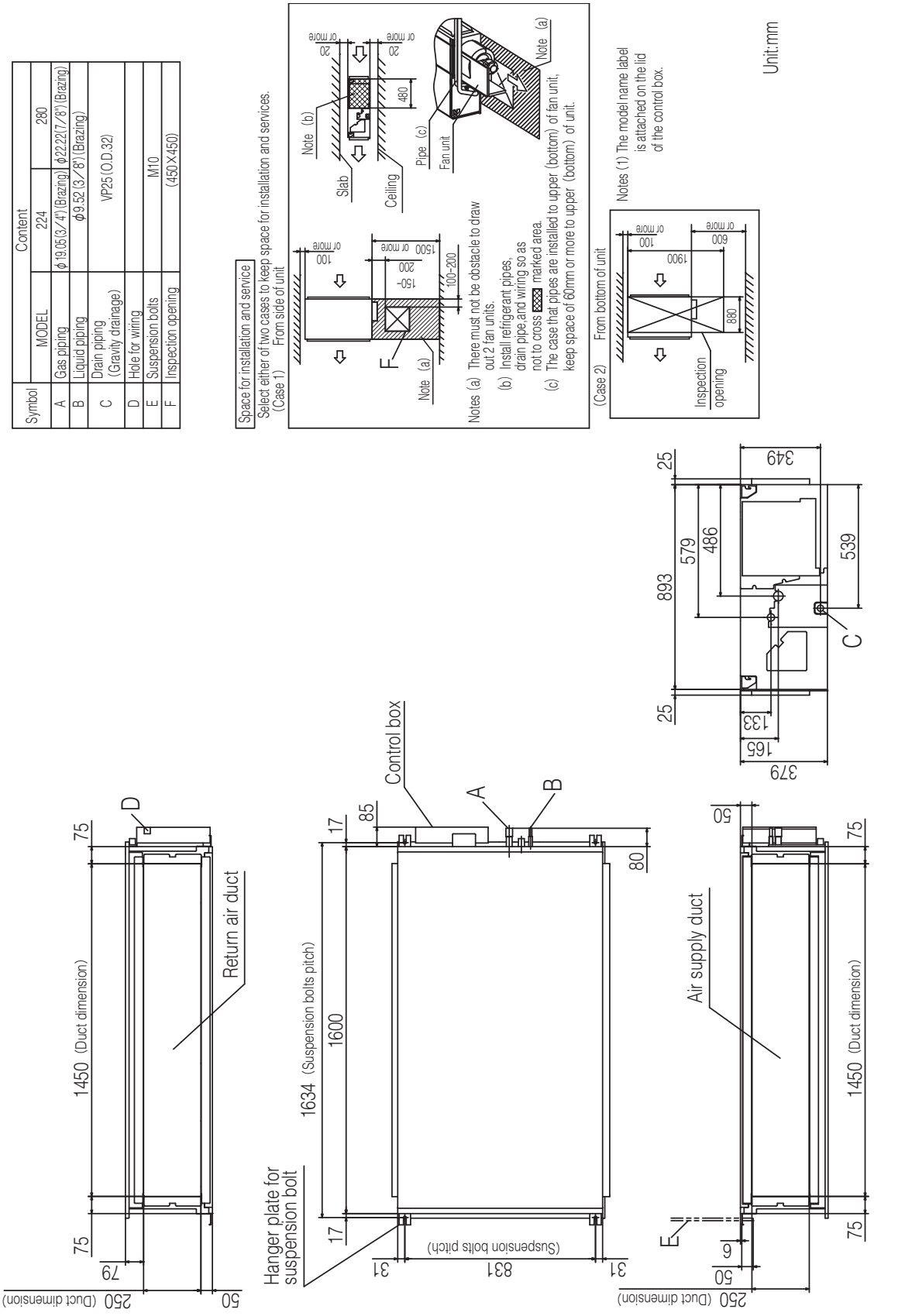
Models FDU112KXE6F, 140KXE6F, 160KXE6F



PJG000Z058 B

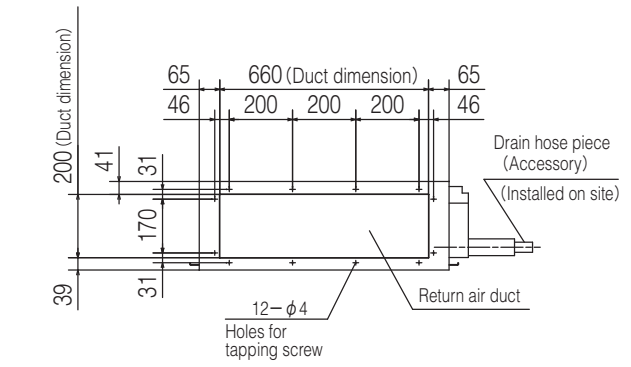
Models FDU224KXZE1, 280KXZE1

Symbol	MODEL	Content 224	280
A	Gas piping	φ19.05(3/4")(Brazing)	φ22.22(7/8") (Brazing)
B	Liquid piping	φ9.52 (3/8") (Brazing)	
C	Drain piping (Gravity drainage)	VP25 (O.D.32)	
D	Hole for wiring		
E	Suspension bolts	M10	
F	Inspection opening	(450×450)	



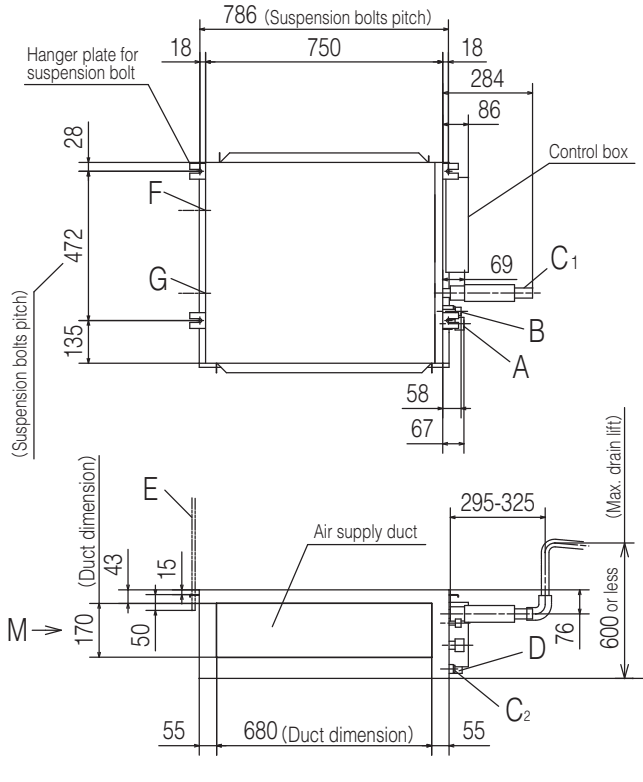
PJG000Z287

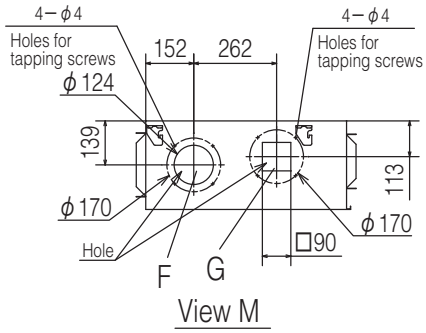
(f) Duct connected-Low/Middle static pressure type (FDUM)
Models FDUM22KXE6F, 28KXE6F, 36KXE6F, 45KXE6F, 56KXE6F

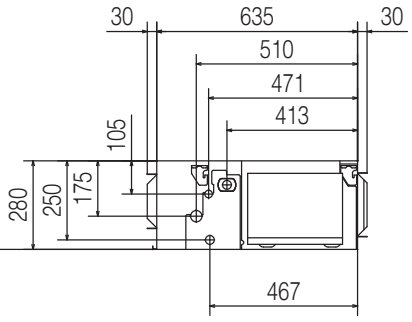


Symbol	Content		
	Model	22,28	36,45,56
A	Gas piping	φ9.52 (3/8") (Flare)	φ12.7 (1/2") (Flare)
B	Liquid piping	φ6.35 (1/4") (Flare)	
C1	Drain piping	VP25 (O.D.32)	
C2	Drain piping (Gravity drainage)	VP20	
D	Hole for wiring		
E	Suspension bolts	(M10)	
F	Outside air opening for ducting	(Knock out)	
G	Air outlet opening for ducting	(Knock out)	
H	Inspection opening	(450×450)	

Note (1) The model name label is attached on the lid of the control box.





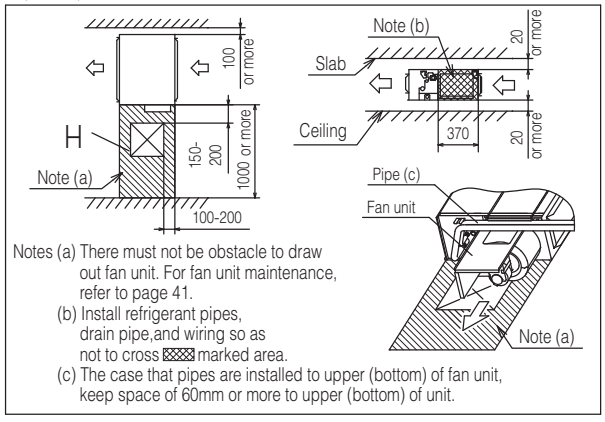


Unit:mm

Space for installation and service

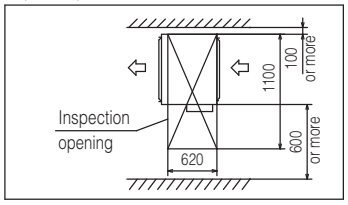
Select either of two cases to keep space for installation and services.

(Case 1) From side of unit



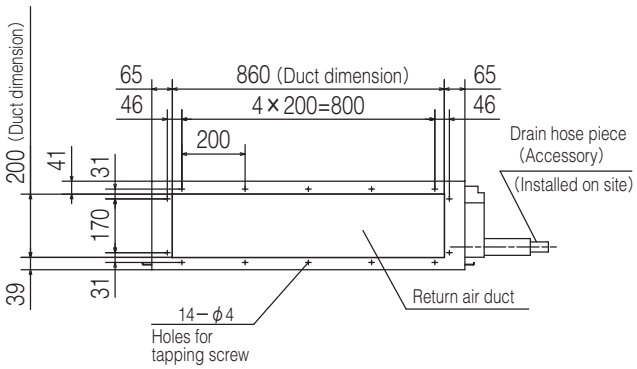
Notes (a) There must not be obstacle to draw out fan unit. For fan unit maintenance, refer to page 41.
(b) Install refrigerant pipes, drain pipe,and wiring so as not to cross ▨ marked area.
(c) The case that pipes are installed to upper (bottom) of fan unit, keep space of 60mm or more to upper (bottom) of unit.

(Case 2) From bottom of unit



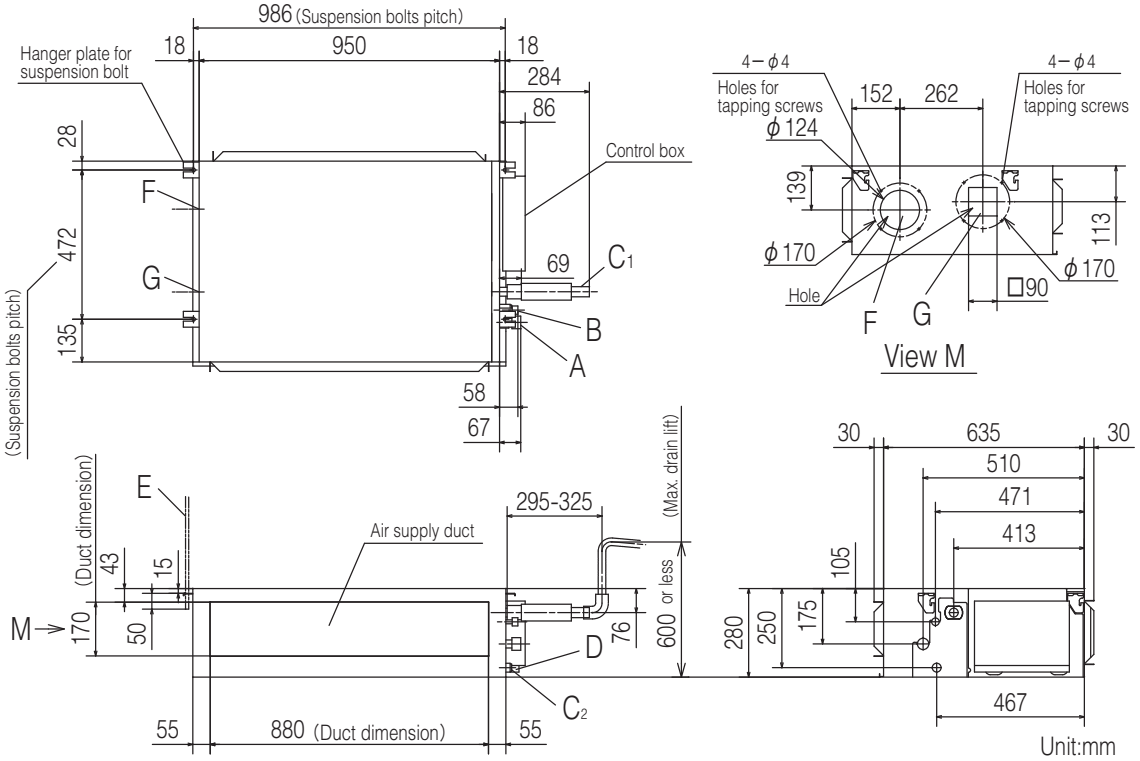
PJG000Z016 B

Models FDUM71KXE6F, 90KXE6F



Symbol	Content	
A	Gas piping	φ15.88(5/8")(Flare)
B	Liquid piping	φ9.52(3/8")(Flare)
C1	Drain piping	VP25 (O.D.32)
C2	Drain piping (Gravity drainage)	VP20
D	Hole for wiring	
E	Suspension bolts	(M10)
F	Outside air opening for ducting	(Knock out)
G	Air outlet opening for ducting	(Knock out)
H	Inspection opening	(450×450)

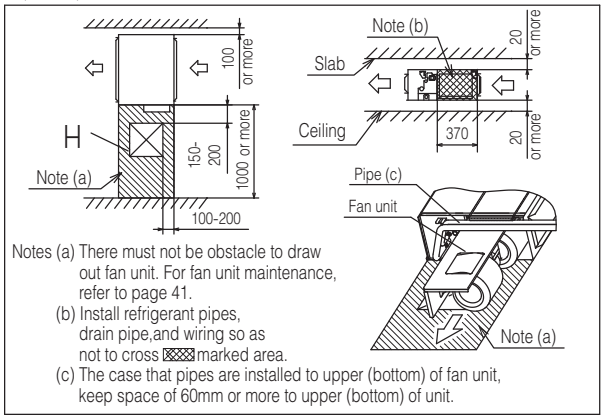
Note (1) The model name label is attached on the lid of the control box.



Space for installation and service

Select either of two cases to keep space for installation and services.

(Case 1) From side of unit

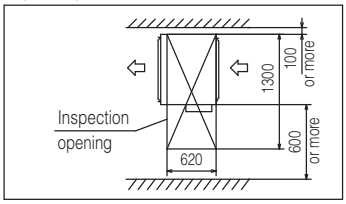


Notes (a) There must not be obstacle to draw out fan unit. For fan unit maintenance, refer to page 41.

(b) Install refrigerant pipes, drain pipe,and wiring so as not to cross ▨ marked area.

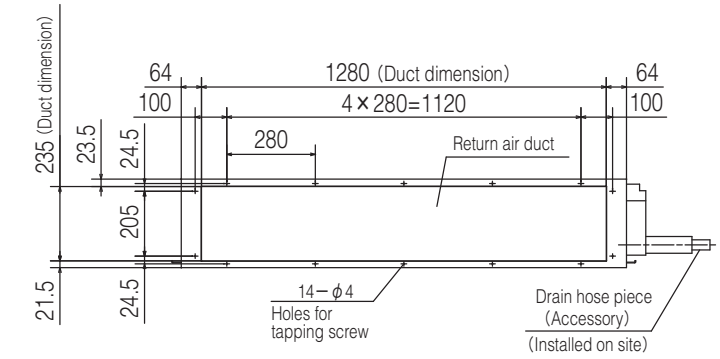
(c) The case that pipes are installed to upper (bottom) of fan unit, keep space of 60mm or more to upper (bottom) of unit.

(Case 2) From bottom of unit



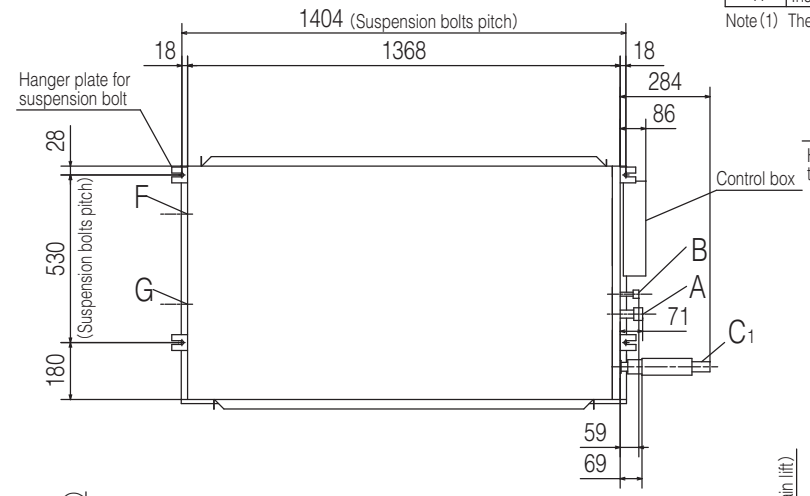
PJG000Z017 B

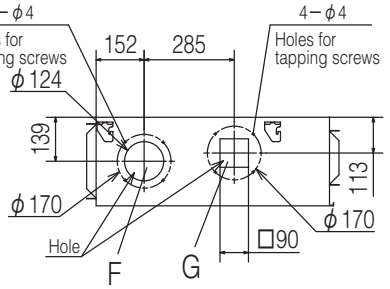
Models FDUM112KXE6F, 140KXE6F, 160KXE6F



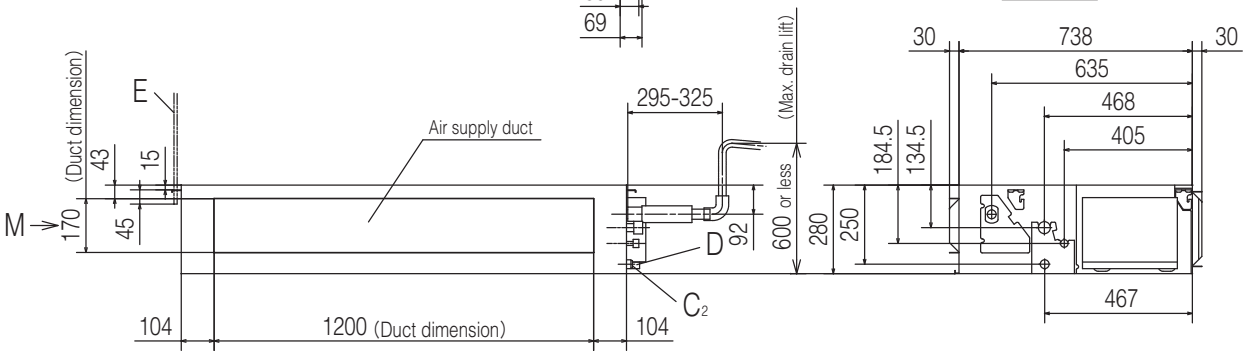
Symbol	Content	
A	Gas piping	φ15.88 (5/8") (Flare)
B	Liquid piping	φ9.52 (3/8") (Flare)
C1	Drain piping	VP25 (O.D.32)
C2	Drain piping (Gravity drainage)	VP20
D	Hole for wiring	
E	Suspension bolts	(M10)
F	Outside air opening for ducting	(Knock out)
G	Air outlet opening for ducting	(Knock out)
H	Inspection opening	(450×450)

Note (1) The model name label is attached on the lid of the control box.





View M

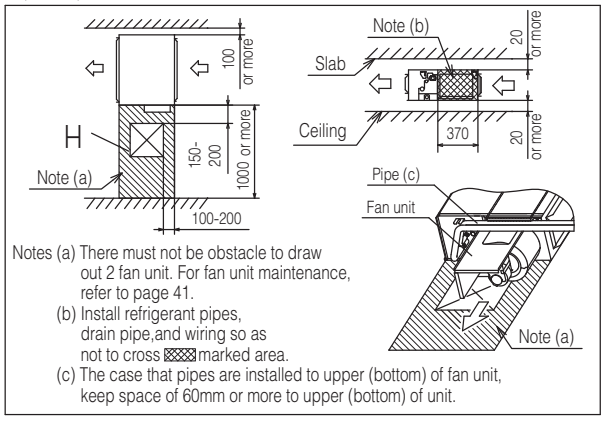


Unit:mm

Space for installation and service

Select either of two cases to keep space for installation and services.

(Case 1) From side of unit

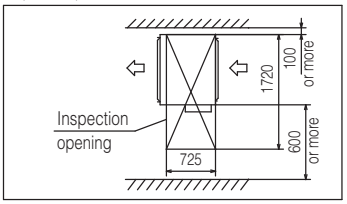


Notes (a) There must not be obstacle to draw out 2 fan unit. For fan unit maintenance, refer to page 41.

(b) Install refrigerant pipes, drain pipe,and wiring so as not to cross ▨ marked area.

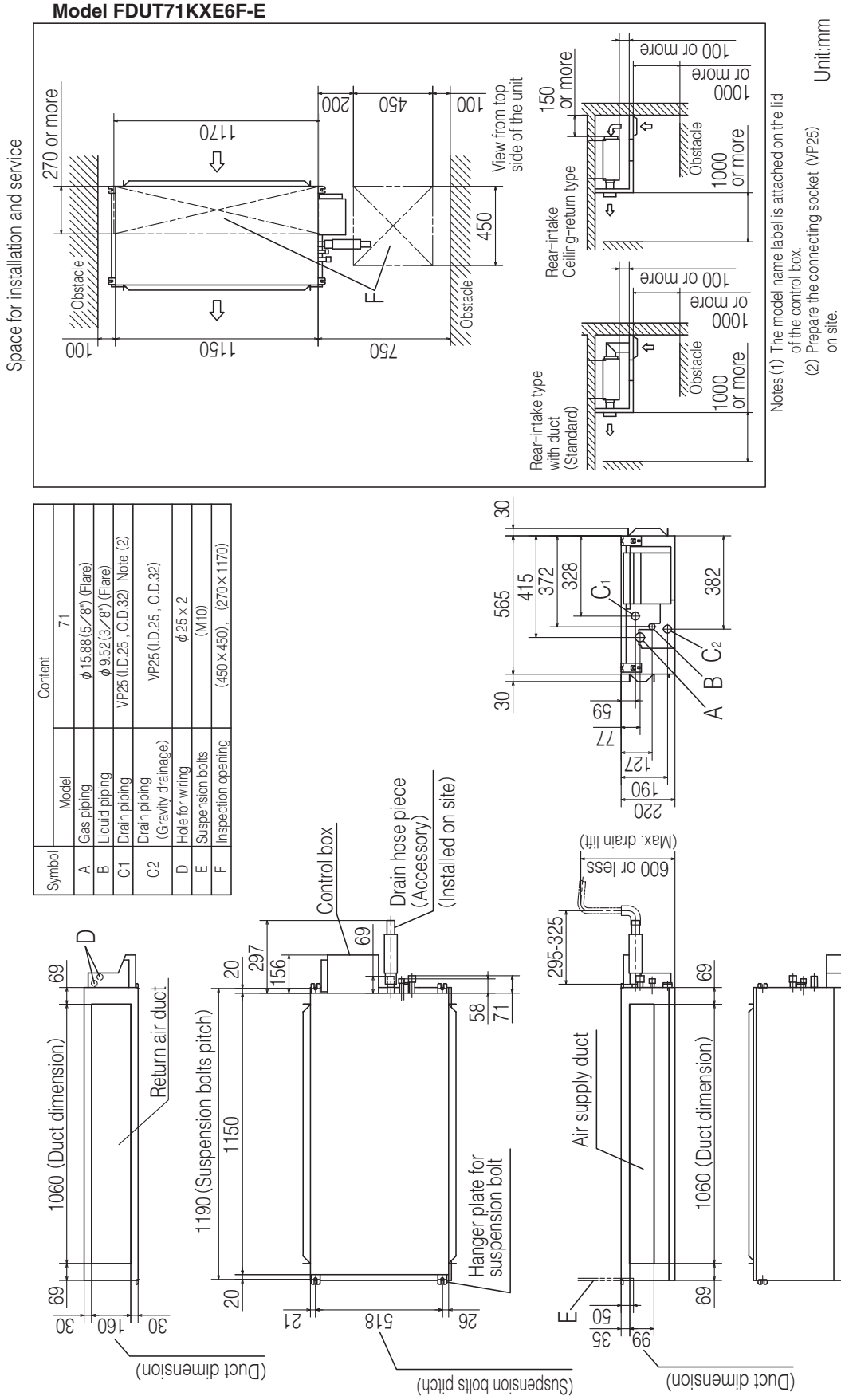
(c) The case that pipes are installed to upper (bottom) of fan unit, keep space of 60mm or more to upper (bottom) of unit.

(Case 2) From bottom of unit



PJG000Z018 B

(g) Duct connected (thin) -Low static pressure type (FDUT)
Model FDUT71KXE6F-E

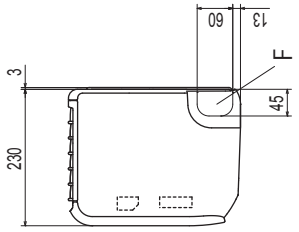


PJH000Z012 B

(h) Wall mounted type (FDK)

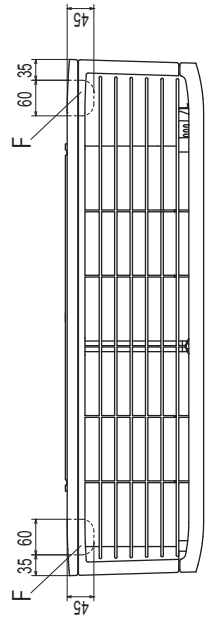
Models FDK15KXZE1, 22KXZE1, 28KXZE1, 36KXZE1, 45KXZE1, 56KXZE1

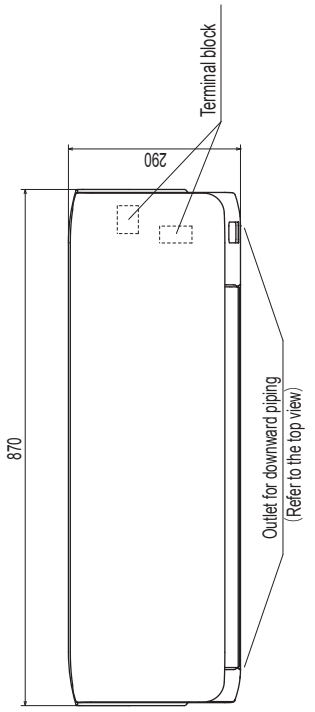
Symbol	Content		
	Model	15,22,28	36,45,56
A	Gas piping	ϕ9.52 (3/8") (Flare)	ϕ12.7 (1/2") (Flare)
B	Liquid piping	ϕ6.35 (1/4") (Flare)	
C	Hole on wall for right rear piping	(ϕ65)	
D	Hole on wall for left rear piping	(ϕ65)	
E	Drain hose	VP16	
F	Outlet for wiring (on both side)		

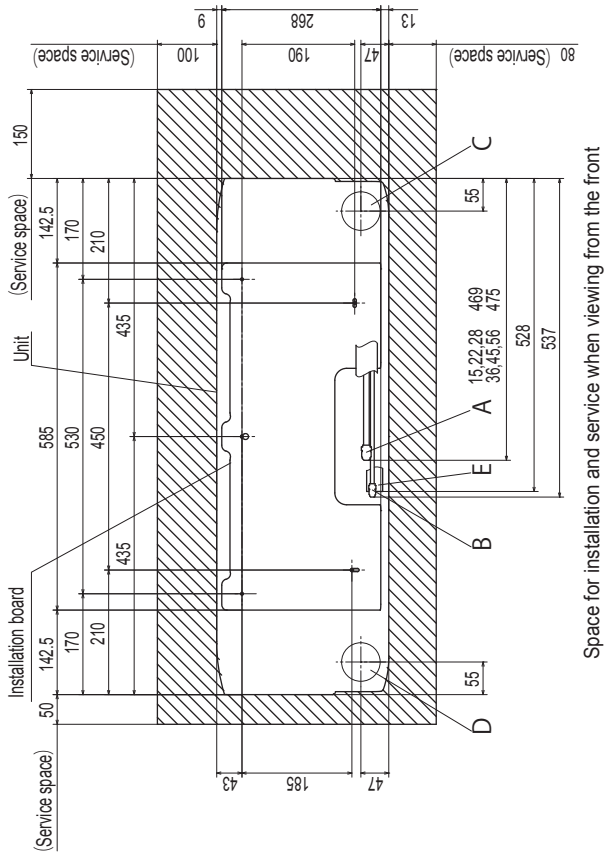


Unit:mm

Note (1) The model name label is attached on the right side of the unit.





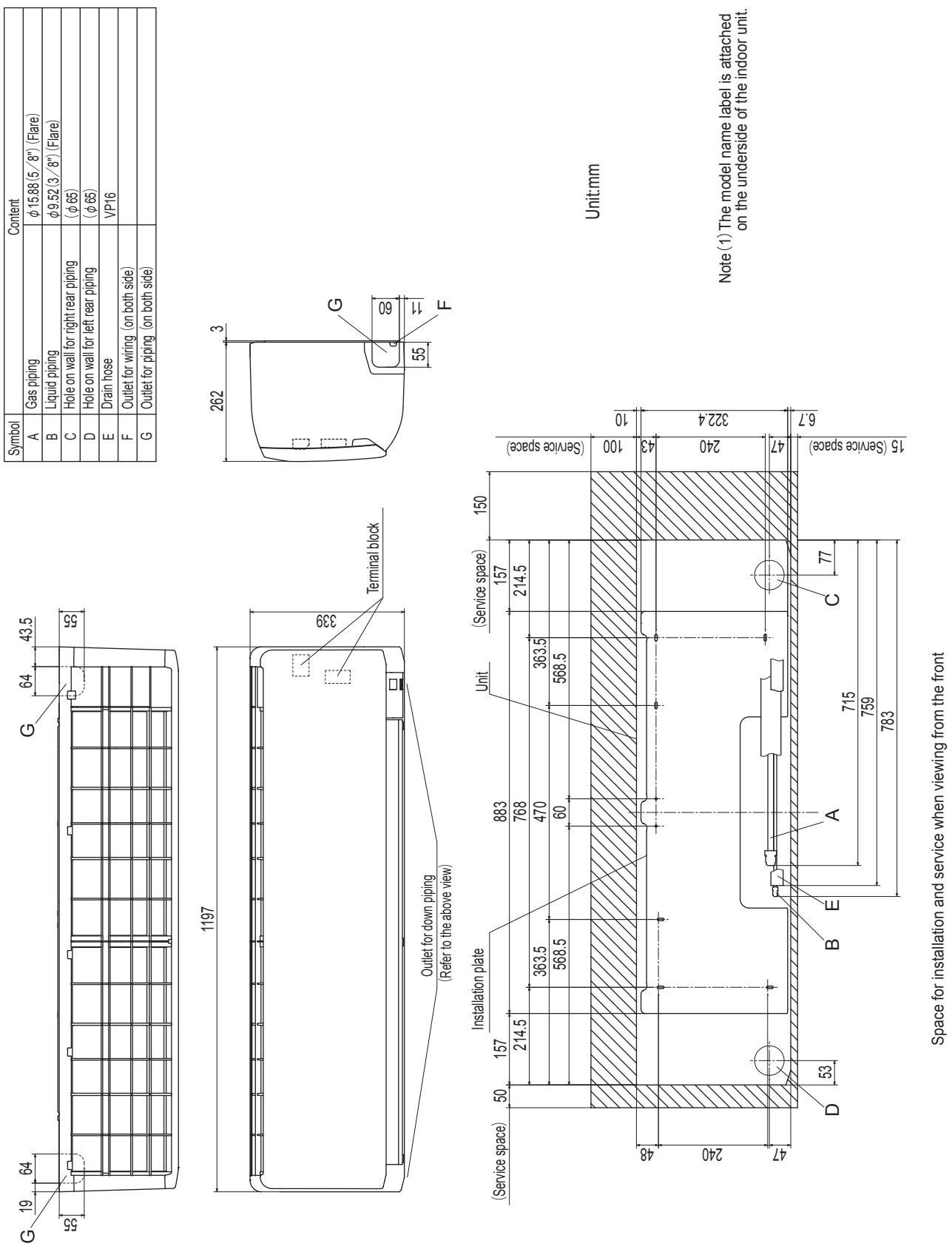


Space for installation and service when viewing from the front

PHA001Z105 A

Models FDK71KXZE1, 90KXZE1

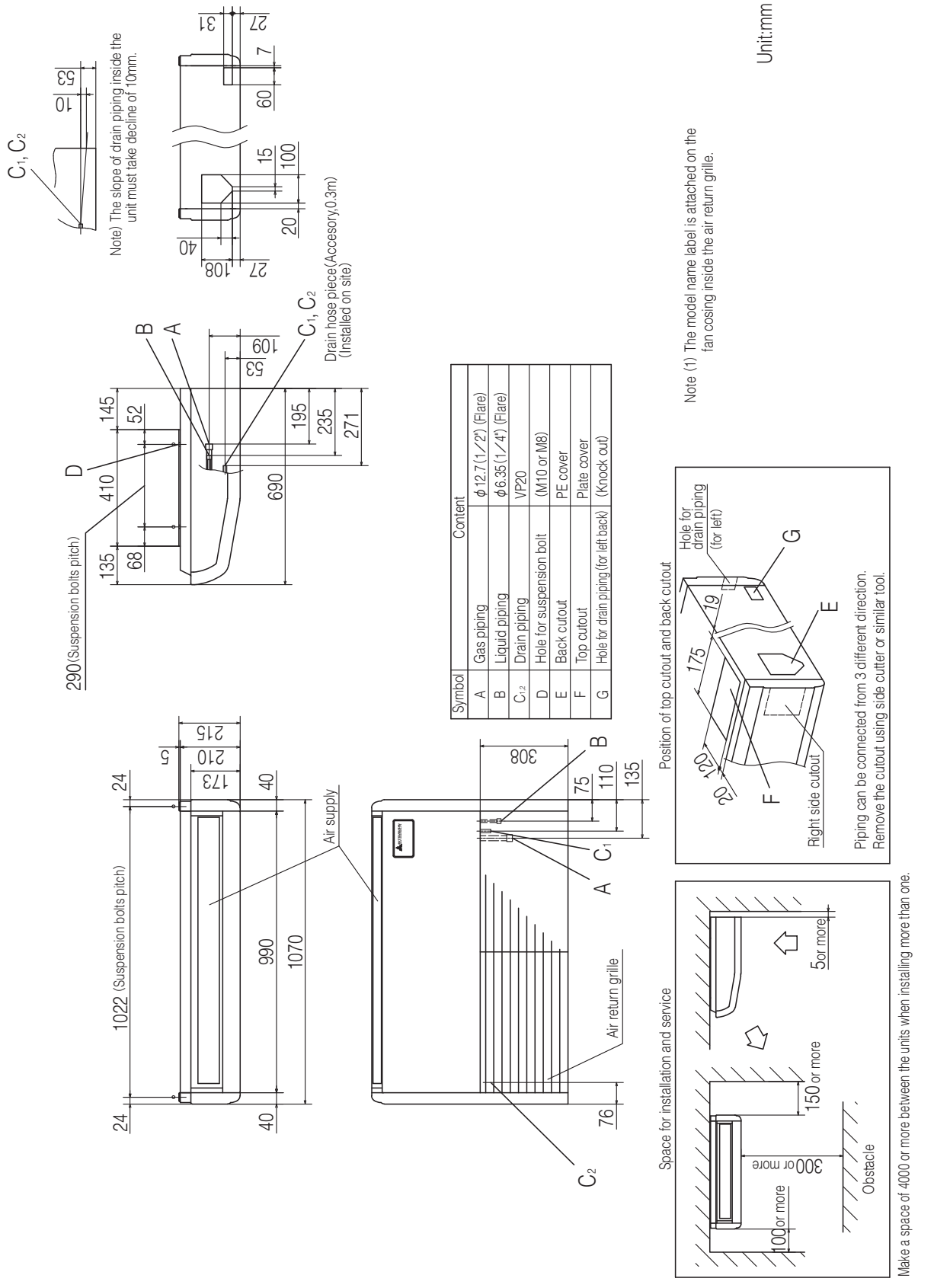
Symbol	Content	
A	Gas piping	ϕ15.88 (5／8") (Flare)
B	Liquid piping	ϕ9.52 (3／8") (Flare)
C	Hole on wall for right rear piping	(ϕ65)
D	Hole on wall for left rear piping	(ϕ65)
E	Drain hose	VP16
F	Outlet for wiring (on both side)	
G	Outlet for piping (on both side)	



PHA001Z106 A

(i) Ceiling suspended type (FDE)

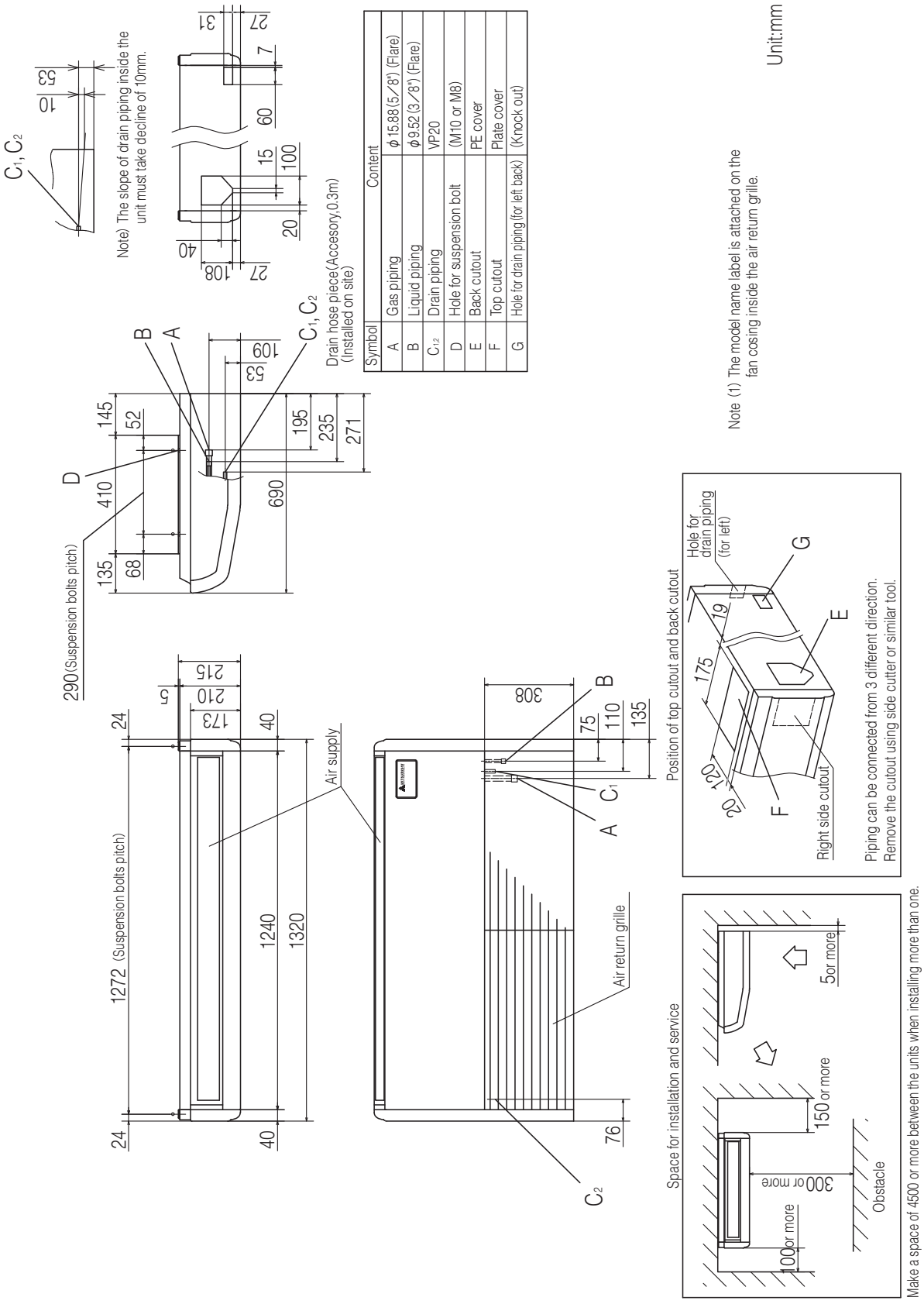
Models FDE36KXZE1, 45KXZE1, 56KXZE1



Symbol	Content	
A	Gas piping	ϕ12.7 (1/2") (Flare)
B	Liquid piping	ϕ6.35 (1/4") (Flare)
$C_{1,2}$	Drain piping	VP20
D	Hole for suspension bolt	(M10 or M8)
E	Back cutout	PE cover
F	Top cutout	Plate cover
G	Hole for drain piping (for left back)	(Knock out)

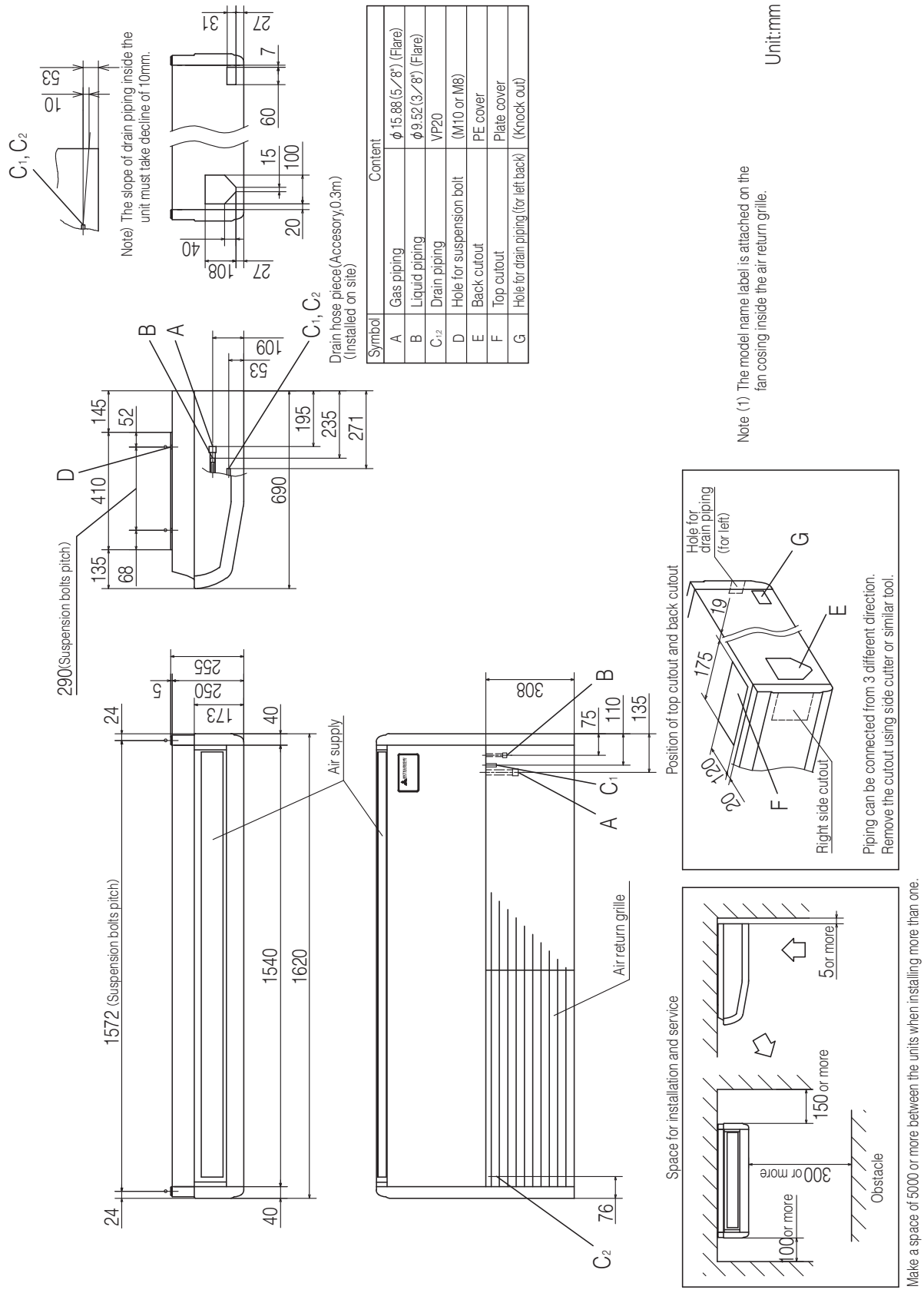
PFA004Z036

Model FDE71KXZE1



PFA004Z037

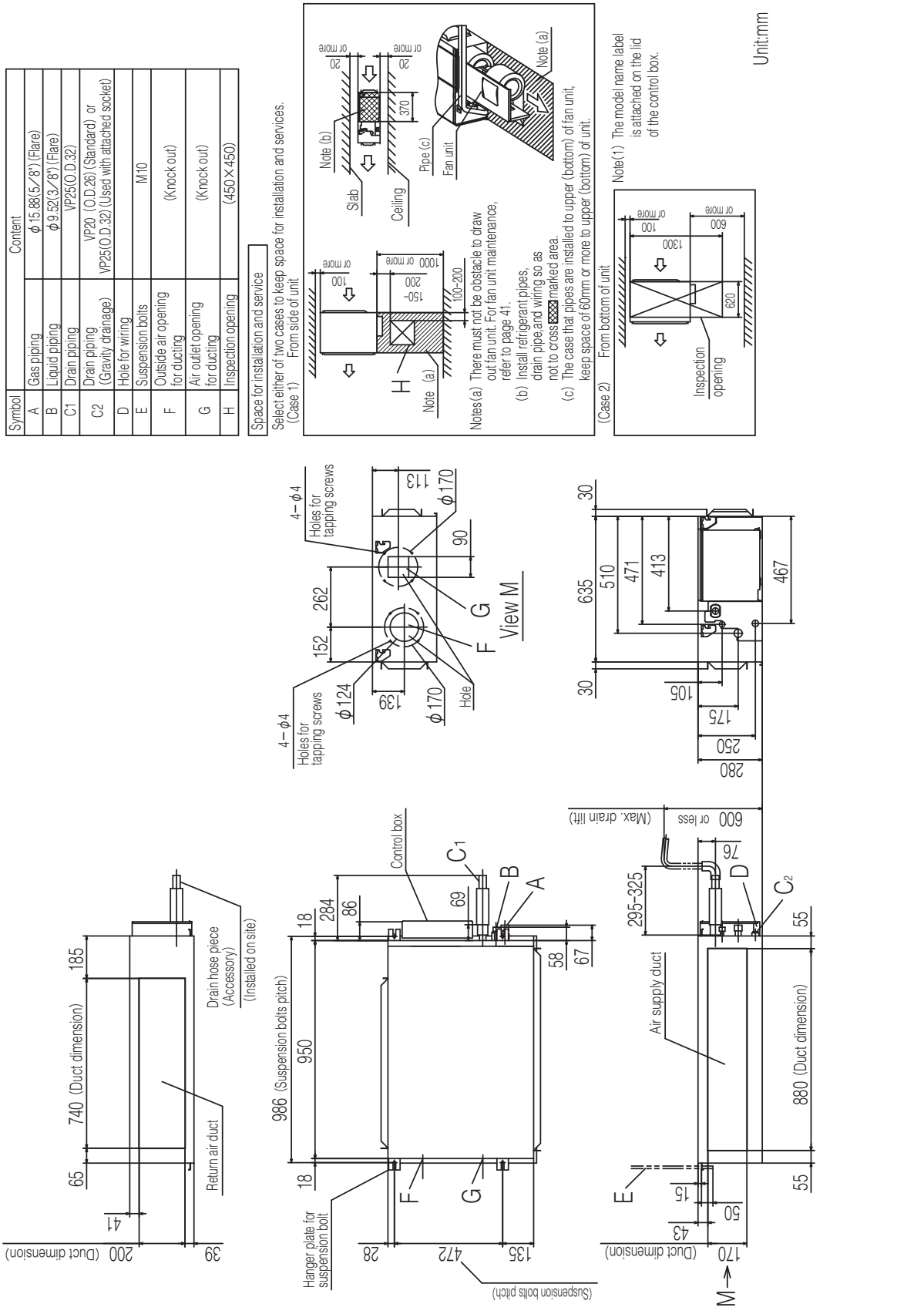
Models FDE112KXZE1, 140KXZE1



PFA004Z038

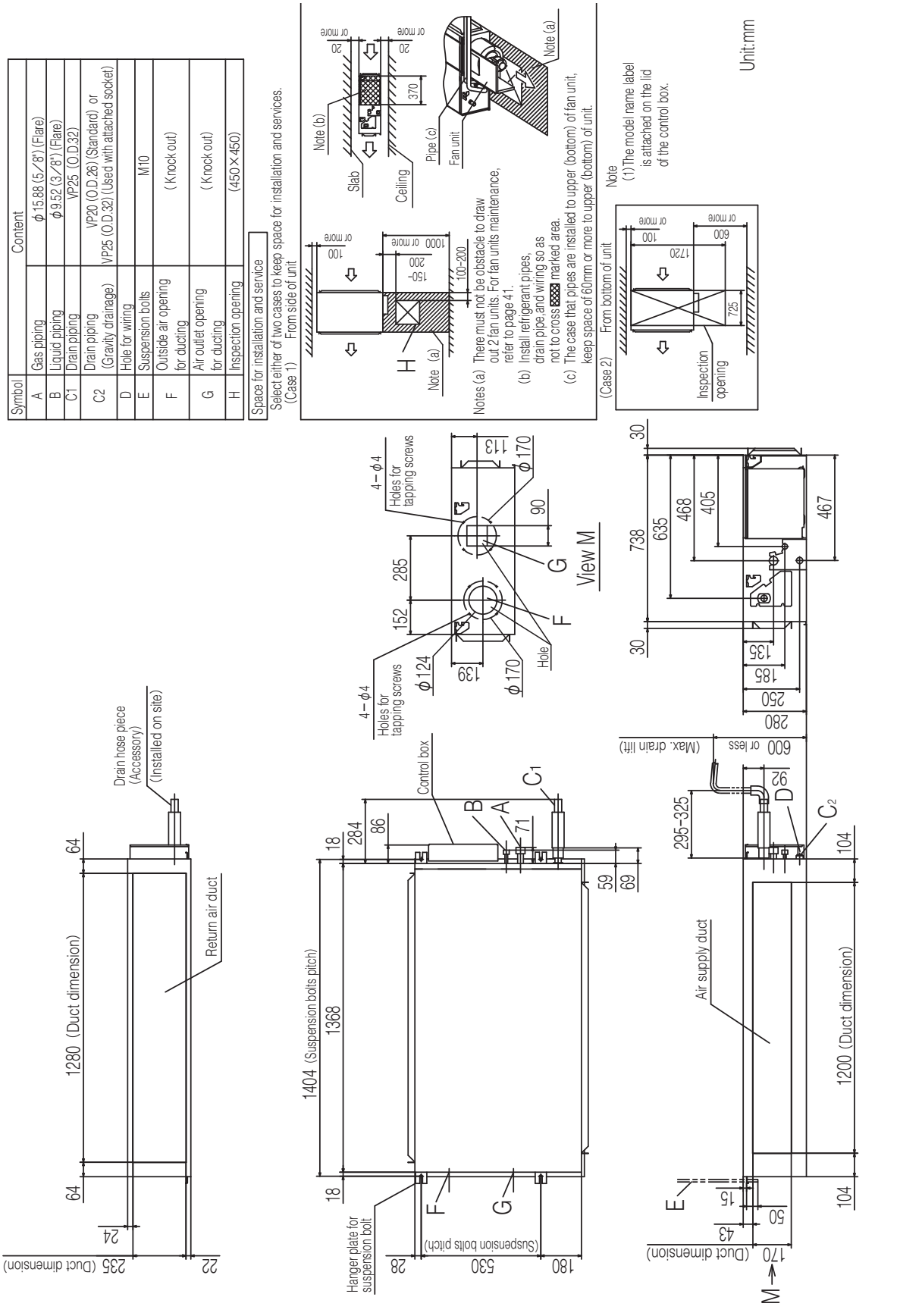
(j) Outdoor air processing unit (FDU-F)

Model FDU650FKXZE1



PJG000Z295 A

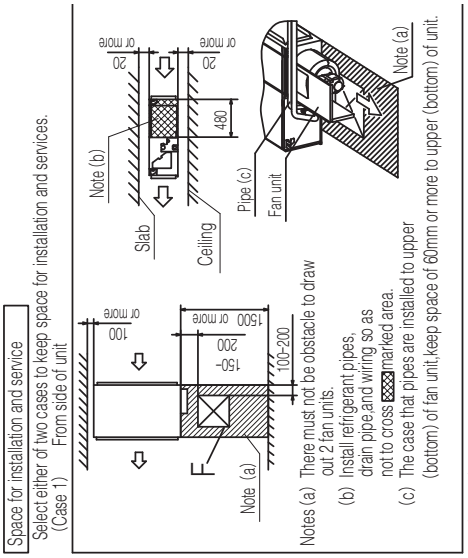
Model FDU1100FKXZE1

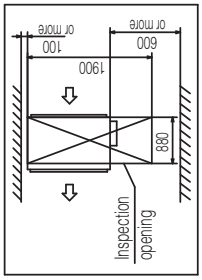


PJG000Z296 A

Models FDU1800FKXZE1, 2400FKXZE1

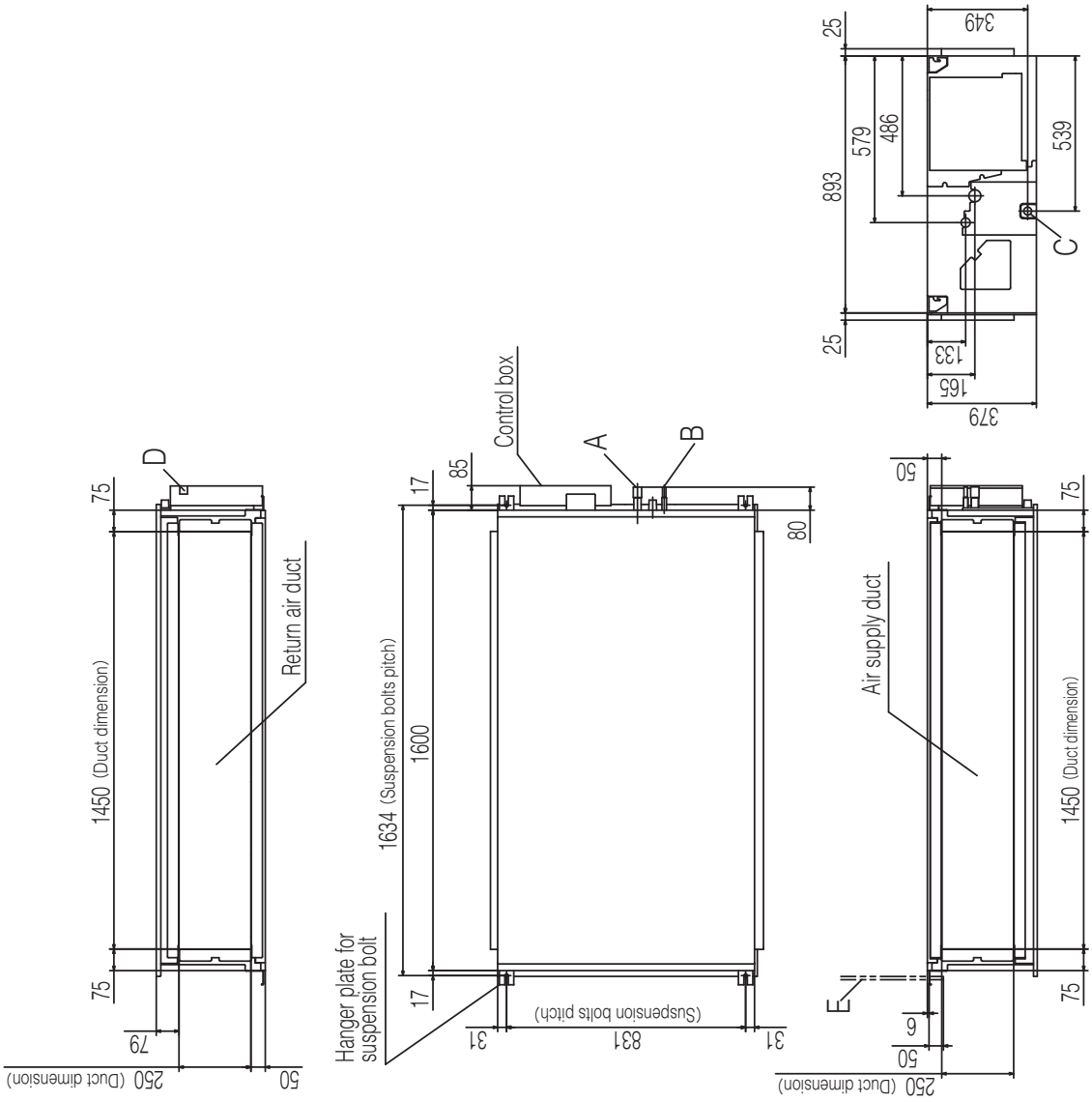
Symbol	Content		
	MODEL	1800	2400
A	Gas piping	ϕ19.05 (3/4") (Brazing)	ϕ22.22 (7/8") (Brazing)
B	Liquid piping	ϕ9.52 (3/8") (Brazing)	
C	Drain piping (Gravity drainage)	VP25 (O.D.32)	
D	Hole for wiring	M10	
E	Suspension bolts	(450×450)	
F	Inspection opening		





Notes (1) The model name label is attached on the lid of the control box.

Unit:mm



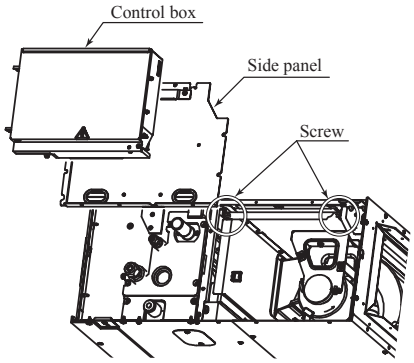
PJG000Z297 A

● Replacement procedure of the fan unit

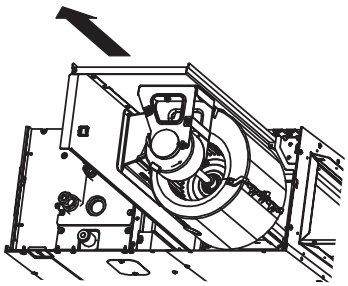
Notes(1) The unit is a heavy item. It must be supported securely and handled with care not to drop when it is necessary to replace.
(2) For the maintenance space, refer to EXTERIOR DIMENSIONS.

1) Models FDU45, 56KXE6F FDUM22, 28, 36, 45, 56KXE6F

a) Remove the control box and the side panel, and remove the screws marked in the circles (2 places) in the figure.

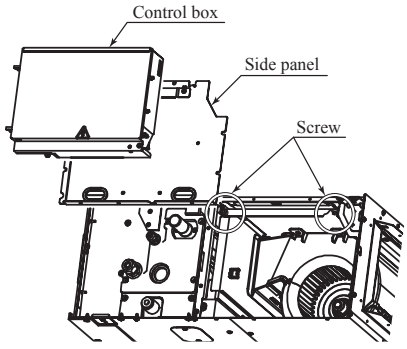


b) Take out the fan unit in the arrow direction.

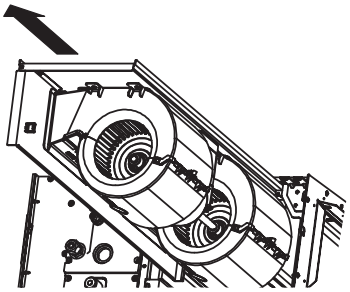


2) Models FDU71, 90KXE6F, 650FKXZE1 FDUM71, 90KXE6F

a) Remove the control box and the side panel, and remove the screws marked in the circles (2 places) in the figure.

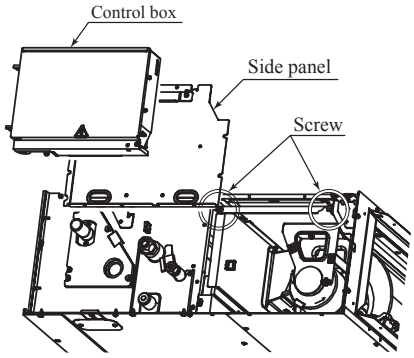


b) Take out the fan unit in the arrow direction.

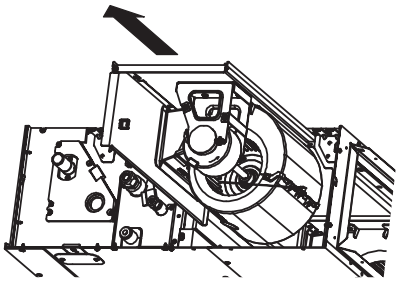


3) Models FDU112, 140, 160KXE6F, 1100FKXZE1 FDUM112, 140, 160KXE6F

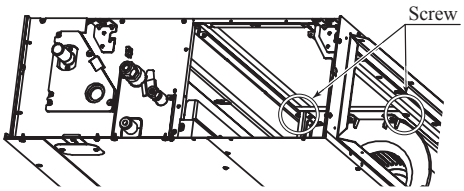
a) Remove the control box and the side panel, and remove the screws marked in the circles (2 places) from the unit located at the near side.



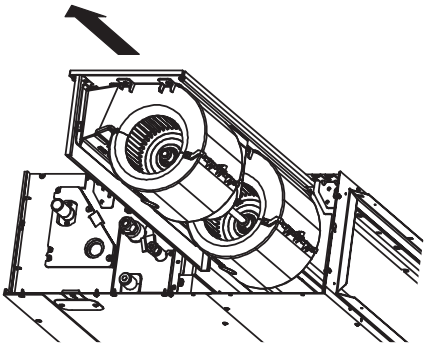
b) Take out the fan unit located at the near side in the arrow direction.



c) Remove the screws marked in the circles (2 places) from the fan unit located at the far side.



d) Take out the fan unit in the arrow direction.

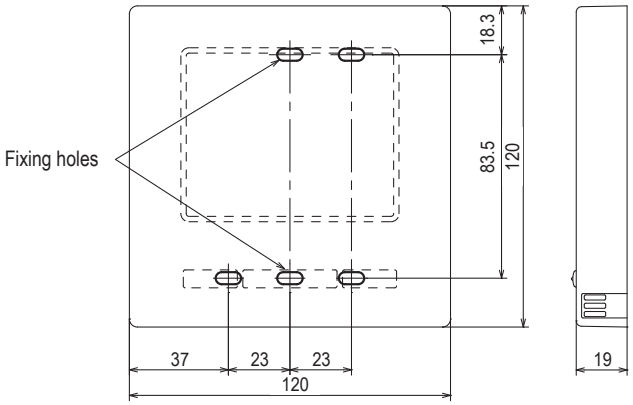


(2) Remote control (Option parts)

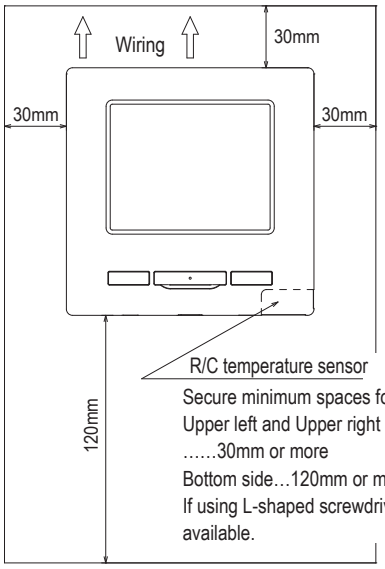
(a) Wired remote control

Model RC-EX3A

Dimensions (Viewed from front)



Installation space



Secure minimum spaces for disassembling the case.
Upper left and Upper right sides
……30mm or more
Bottom side…120mm or more
If using L-shaped screwdriver, 50mm or more is available.

● Do not install the remote control at following places.

(1) It could cause break-down or deformation of remote control.
- Where it is exposed to direct sunlight
- Where the ambient temperature becomes 0 °C or below, or 40 °C or above
- Where the surface is not flat
- Where the strength of installation area is insufficient

(2) Moisture may be attached to internal parts of the remote control, resulting in a display failure.
- Place with high humidity where condensation occurs on the remote control
- Where the remote control gets wet

(3) Accurate room temperature may not be detected using the temperature sensor of the remote control.
- Where the average room temperature cannot be detected
- Place near the equipment to generate heat
- Place affected by outside air in opening/closing the door
- Place exposed to direct sunlight or wind from air-conditioner
- Where the difference between wall and room temperature is large

(4) When you are using the automatic grille up and down panel in the IU, you may not be able to confirm the up and down motion.
- Where the IU cannot be visually confirmed

● When installing the unit at a hospital, telecommunication facility, etc., take measures to suppress electric noises.

It could cause malfunction or break-down due to hazardous effects on the inverter, private power generator, high frequency medical equipment, radio communication equipment, etc.
The influences transmitted from the remote control to medical or communication equipment could disrupt medical activities, video broadcasting or cause noise interference.

R/C cable:0.3mm^{2}x2 cores

When the cable length is longer than 100 m, the max size for wires used in the R/C case is 0.5 mm^2 . Connect them to wires of larger size near the outside of R/C. When wires are connected, take measures to prevent water, etc. from entering inside.

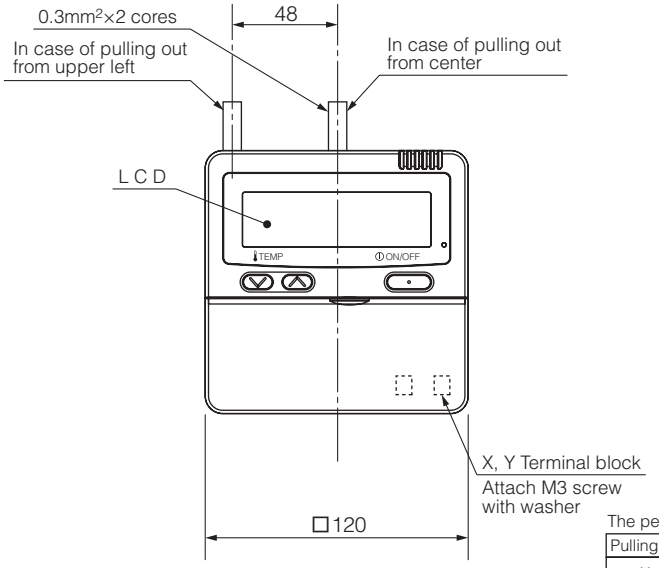
≦ 200 m	0.5 mm^2 x 2 cores
≦ 300m	0.75 mm^2 x 2 cores
≦ 400m	1.25 mm^2 x 2 cores
≦ 600m	2.0 mm^2 x 2 cores

Adapted RoHS directive

PJZ000Z333

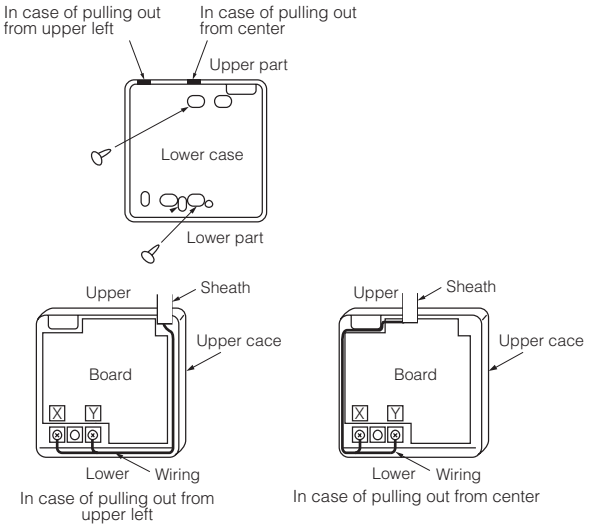
Model RC-E5

Exposed mounting



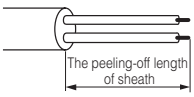
Exterior appearance (Munsell color)	Pearl white (N8.5) near equivalent

Wiring outlet
Cut off the upper thin part of remote control lower case with a nipper or knife, and grind burrs with a file etc.

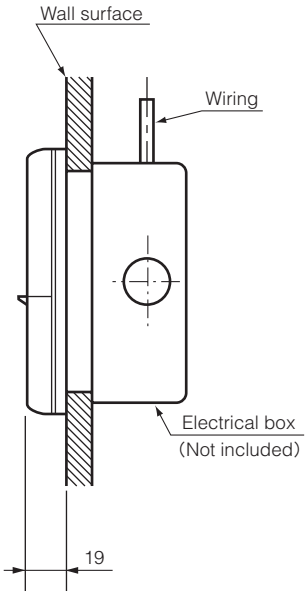


The peeling-off length of sheath

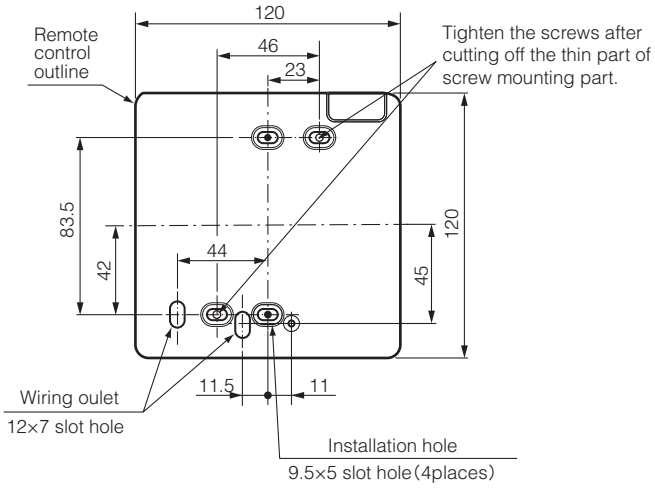
Pulling out from upper left	Pulling out from center
X wiring : 215mm Y wiring : 195mm	X wiring : 170mm Y wiring : 190mm



Embedded mounting



Remote control installation dimensions



(1) Installation screw for remote control
M4 screw (2 pieces)

Unit:mm

Wiring specifications

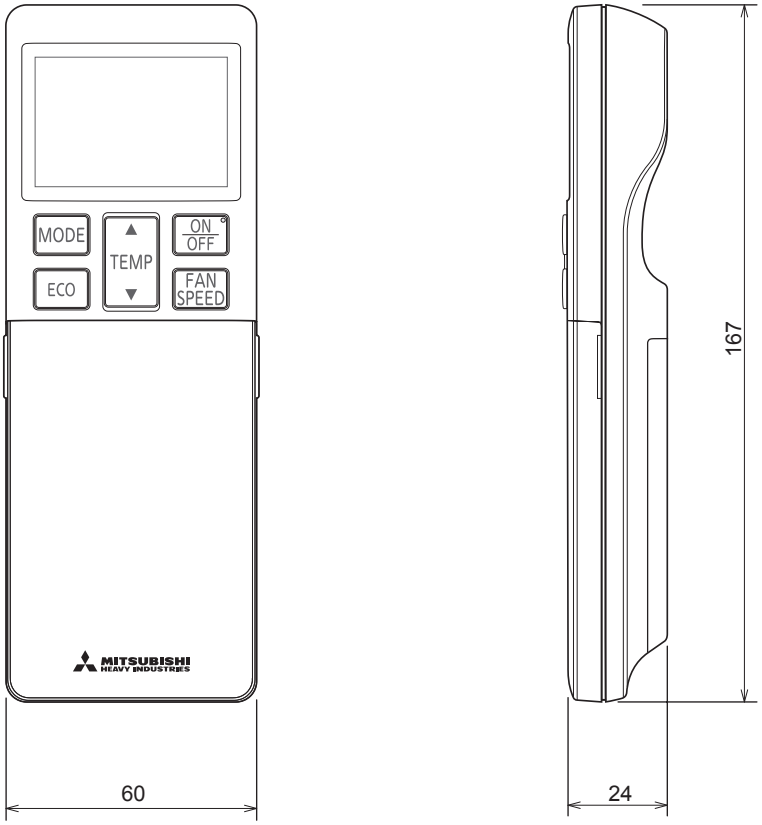
(1) If the prolongation is over 100m, change to the size below.
But, wiring in the remote control case should be under 0.5mm². Change the wire size outside of the case according to wire connecting. Waterproof treatment is necessary at the wire connecting section. Be careful about contact failure.

Length	Wiring thickness
100 to 200m	0.5mm²×2 cores
Under 300m	0.75mm²×2 cores
Under 400m	1.25mm²×2 cores
Under 600m	2.0mm²×2 cores

PJZ000Z295

(b) Wireless remote control (RCN-E2)

Unit: mm



3. ELECTRICAL WIRING

(1) Ceiling cassette-4 way type (FDT)

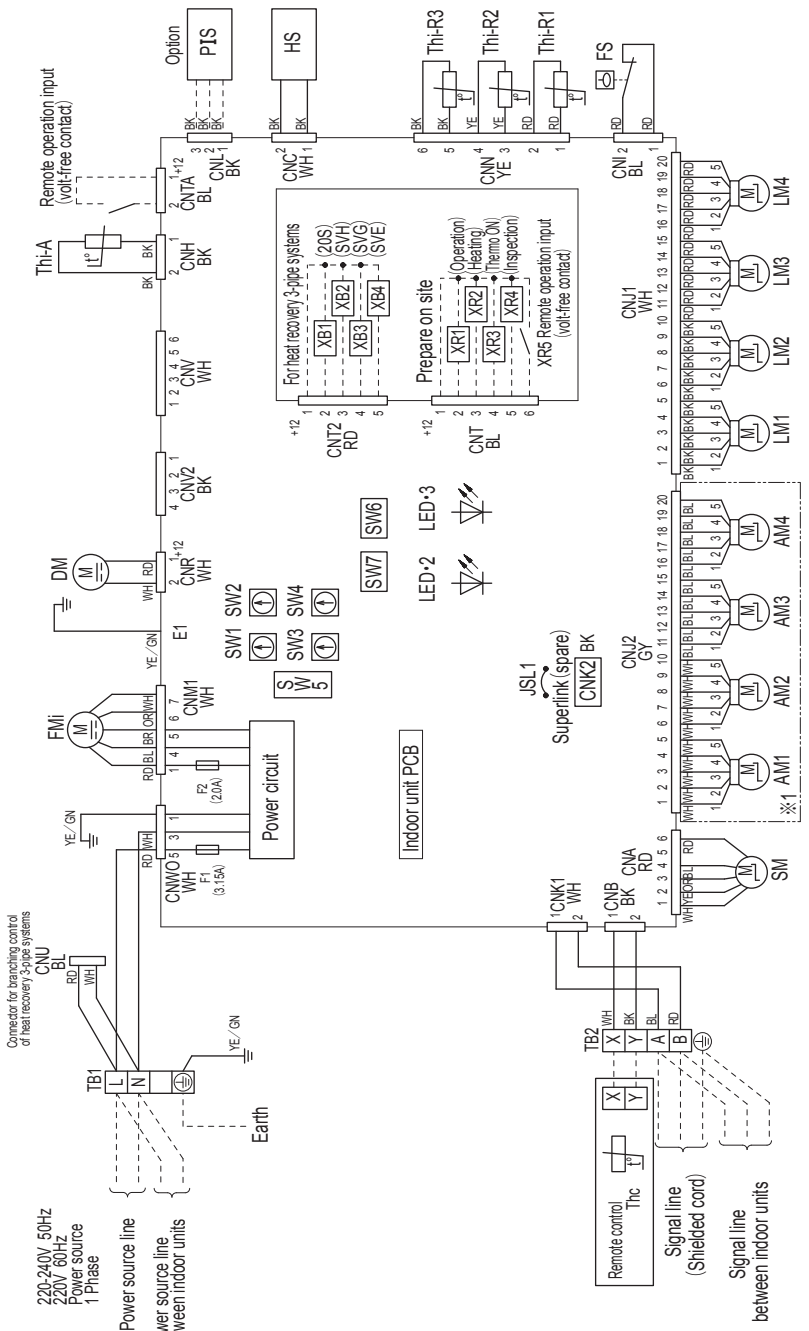
All models

Meaning of marks

Mark	Parts name
AM1-4	Air flex motor
CNA-Z	Connector
DM	Drain motor
F1,2	Fuse
FMi	Fan motor
FS	Float switch
HS	Humidity sensor
JSL1	Live Superlink terminal setting (For spare)
LED･2	Indication lamp (Green-Normal operation)
LED･3	Indication lamp (Red-Inspection)
LM1-4	Louver motor
PIS	Motion sensor
SM	Stepping motor (For electronic expansion valve)
SW1	Indoor unit address:tens place
SW2	Indoor unit address:ones place
SW3	Outdoor unit address:tens place
SW4	Outdoor unit address:ones place
SW5-1	Automatic adjustment / Fixed previous version of Superlink protocol
SW5-2	Indoor unit address:hundreds place
SW6	Model capacity setting
SW7-1	Operation check,drain motor test run
TB1	Terminal block (Power source)
TB2	Terminal block (Signal line)
Thc	Temperature sensor (Remote control)
Thi-A	Temperature sensor (Return air)
Thi-R1,2,3	Temperature sensor (Heat exchanger)

Color marks

Mark	Color	Mark	Color
BK	Black	WH	White
BL	Blue	YE	Yellow
BR	Brown	GY	Gray
OR	Orange	YE／GN	Yellow／Green
RD	Red		



Notes
1. - - - indicates wiring on site.
2. Use twin core shielded cord (0.75-1.25mm^2) at signal line between indoor unit and outdoor unit, and signal line between indoor units.
3. Use twin core cord (0.3mm^2) at remote control line.
   See spec sheet of remote control in case that the total length is more than 100m.
4. Do not put signal line and remote control line alongside power source line.
5. Section 1 (※1) is provided on the panel T-PSAE-5AW-E only.

PJF000Z421

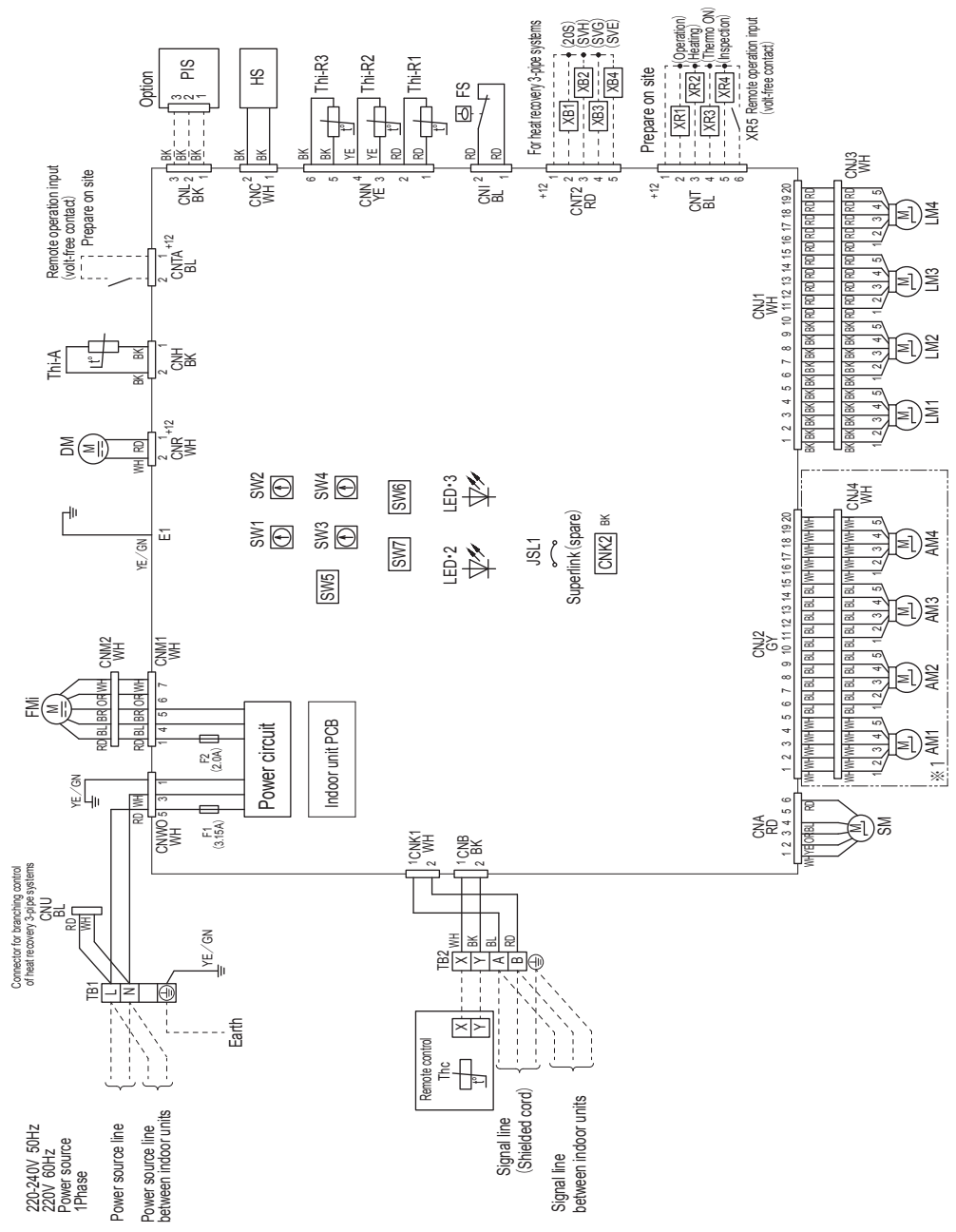
(2) Ceiling cassette-4 way compact type (FDTC)
All models

Meaning of marks

Item	Description
AM1-4	Draft prevention function motor
CNA-Z	Connector
DM	Drain motor
F1,2	Fuse
FMi	Fan motor
FS	Float switch
HS	Humidity sensor
JSL1	Spare Superlink connector change
LED•2	Indication lamp (Green-Normal operation)
LED•3	Indication lamp (Red-Inspection)
LM1-4	Louver motor
PIS	Motion sensor
SM	Stepping motor (For electronic expansion valve)
SW1	Indoor unit address:tens place
SW2	Indoor unit address:ones place
SW3	Outdoor unit address:tens place
SW4	Outdoor unit address:ones place
SW5-1	Automatic adjustment / Fixed previous version of Superlink protocol
SW5-2	Indoor unit address:hundreds place
SW6,SW7-2	Model capacity setting
SW7-1	Operation check,drain motor test run
TB1	Terminal block (Power source) (□mark)
TB2	Terminal block (Signal line) (□mark)
Thc	Temperature sensor (Remote control)
Thi-A	Temperature sensor (Return air)
Thi-R1,2,3	Temperature sensor (Heat exchanger)

Color marks

Mark	Color	Mark	Color
BK	Black	WH	White
BL	Blue	YE	Yellow
BR	Brown	GY	Gray
OR	Orange	YE/GN	Yellow/Green
RD	Red		



Notes
1. - - - indicates wiring on site.
2. Use twin core shielded cord (0.75-1.25mm^2) at signal line between indoor unit and outdoor unit, and signal line between indoor units.
3. Use twin core cord (0.3mm^2) at remote control line.
   See spec sheet of remote control in case that the total length is more than 100m.
4. Do not put signal line and remote control line alongside power source line.
5. Draft prevention function (※1) is provided on the panel TC-PSAE-5AW-E only.

PJF000Z504

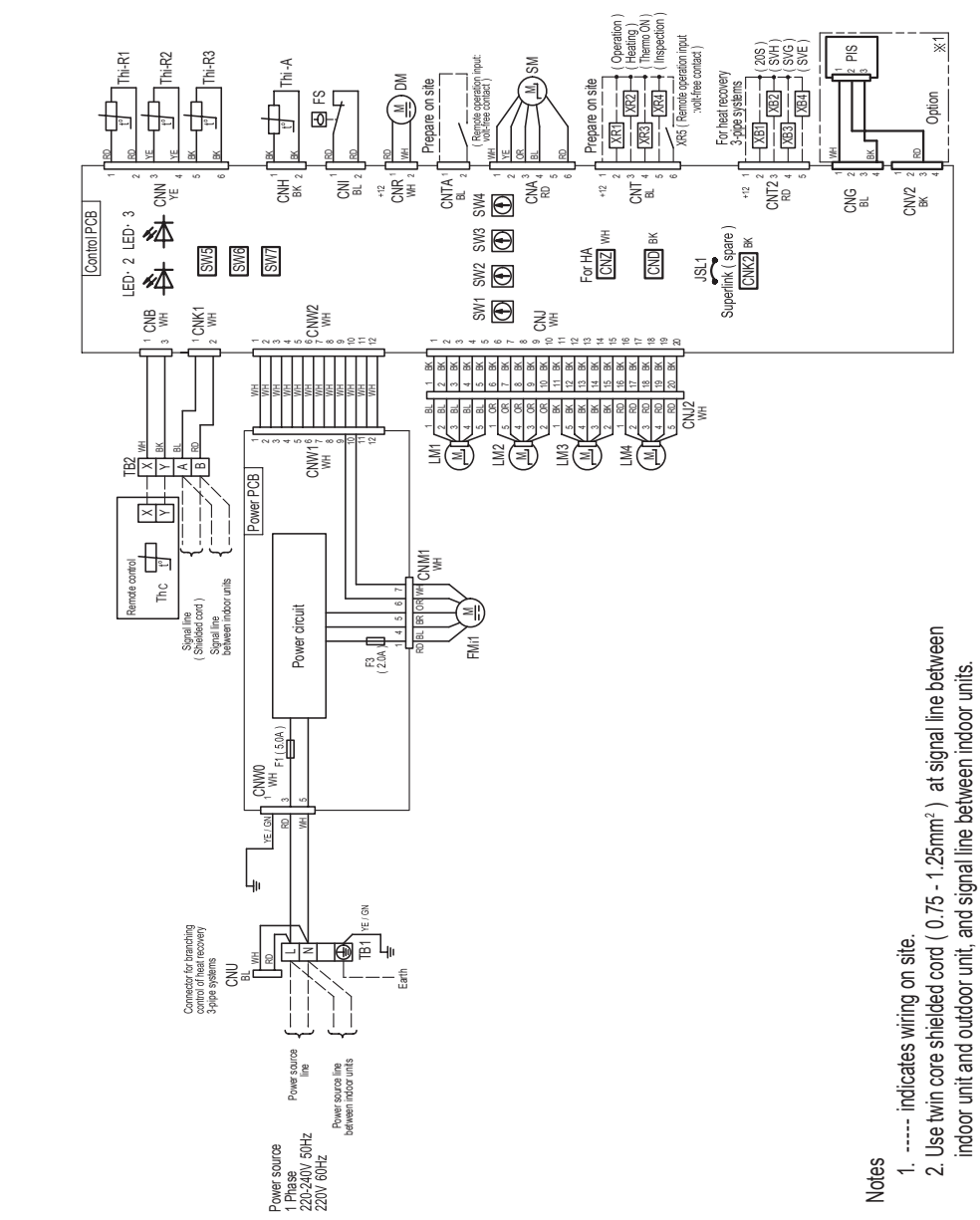
(3) Ceiling cassette-2 way type (FDTW)
Models FDTW28KXE6F, 45KXE6F, 56KXE6F, 71KXE6F

Meaning of marks

Item	Description
CNA-Z	Connector
DM	Drain motor
F1,3	Fuse
FM1	Fan motor
FS	Float switch
JSL1	Spare Superlink connector change
LED・2	Indication lamp (Green-Normal operation)
LED・3	Indication lamp (Red-Inspection)
LM1-4	Louver motor
PIS	Motion sensor
SM	Stepping motor (for electronic expansion valve)
SW1	Indoor unit address:tens place
SW2	Indoor unit address:ones place
SW3	Outdoor unit address:tens place
SW4	Outdoor unit address:ones place
SW5-1	Automatic adjustment / Fixed previous version of Superlink protocol
SW5-2	Indoor unit address:hundreds place
SW6	Model capacity setting
SW7-1	Operation check, Drain motor test run
TB1	Terminal block (Power source) (□ mark)
TB2	Terminal block (Signal line) (□ mark)
Thc	Temperature sensor (Remote control)
Thi-A	Temperature sensor (Return air)
Thi-R1,2,3	Temperature sensor (Heat exchanger)

Color marks

Mark	Color
BK	Black
BL	Blue
BR	Brown
OR	Orange
RD	Red
WH	White
YE	Yellow
YE / GN	Yellow / Green



Notes

1. ----- indicates wiring on site.
2. Use twin core shielded cord (0.75 - 1.25mm^2) at signal line between indoor unit and outdoor unit, and signal line between indoor units.
3. Use twin core cord (0.3mm^2) at remote control line.
   See spec sheet of remote control in case that the total length is more than 100m.
4. Do not put signal line and remote control line alongside power source line.
5. Section 1 (※1) shows electric circuit of motion sensor (option) .

PJB001Z830

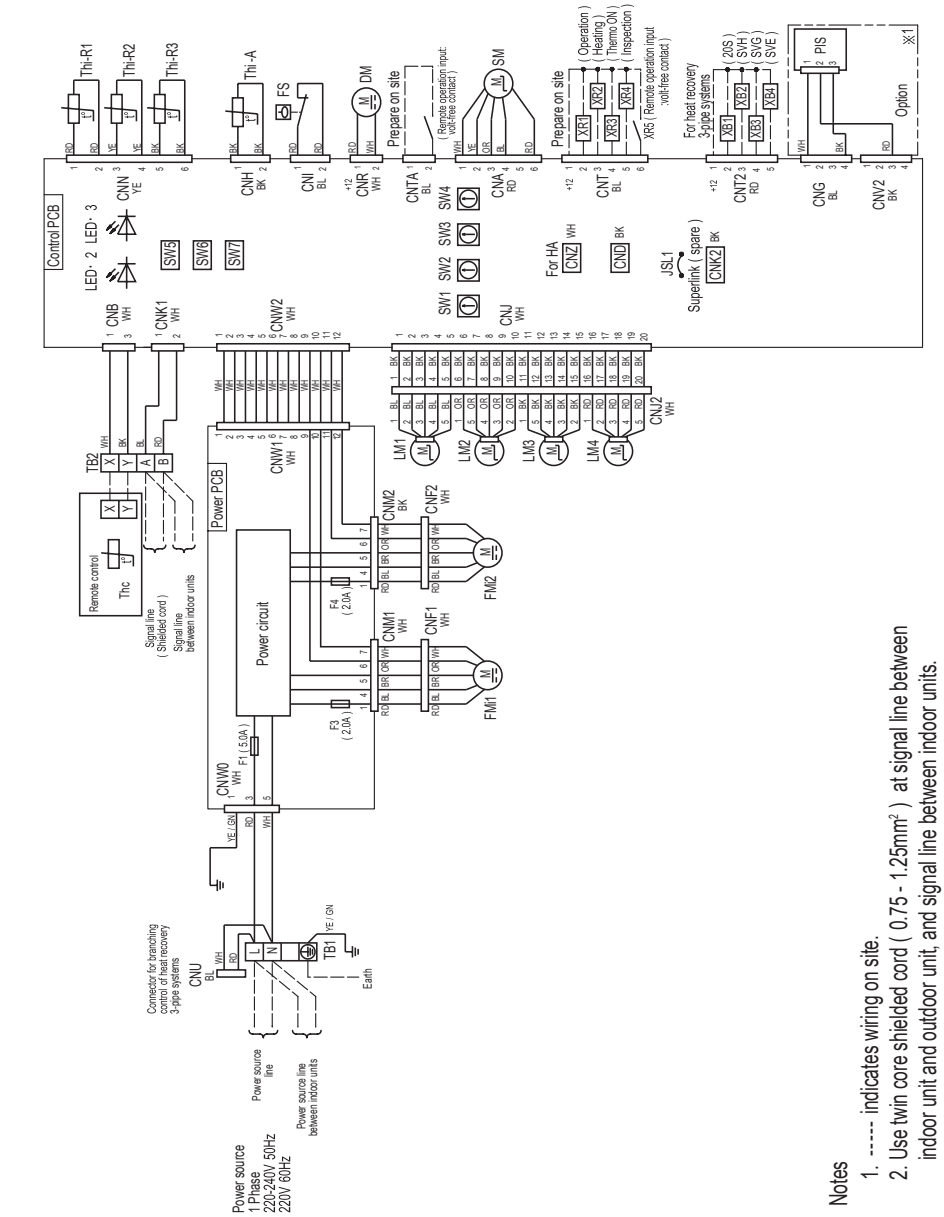
Models FDTW90KXE6F, 112KXE6F, 140KXE6F

Meaning of marks

Item	Description
CNA-Z	Connector
DM	Drain motor
F1,3,4	Fuse
FMi1,2	Fan motor
FS	Float switch
JSL1	Spare Superlink connector change
LED・2	Indication lamp (Green-Normal operation)
LED・3	Indication lamp (Red-Inspection)
LM1- 4	Louver motor
PIS	Motion sensor
SM	Stepping motor (for electronic expansion valve)
SW1	Indoor unit address:tens place
SW2	Indoor unit address:ones place
SW3	Outdoor unit address:tens place
SW4	Outdoor unit address:ones place
SW5-1	Automatic adjustment / Fixed previous version of Superlink protocol
SW5-2	Indoor unit address:hundreds place
SW6	Model capacity setting
SW7-1	Operation check, Drain motor test run
TB1	Terminal block (Power source) (□ mark)
TB2	Terminal block (Signal line) (□ mark)
Thc	Temperature sensor (Remote control)
Thi-A	Temperature sensor (Return air)
Thi-R1,2,3	Temperature sensor (Heat exchanger)

Color marks

Mark	Color
BK	Black
BL	Blue
BR	Brown
OR	Orange
RD	Red
WH	White
YE	Yellow
YE / GN	Yellow / Green



Notes

1. ----- indicates wiring on site.
2. Use twin core shielded cord (0.75 - 1.25mm^2) at signal line between indoor unit and outdoor unit, and signal line between indoor units.
3. Use twin core cord (0.3mm^2) at remote control line.
   See spec sheet of remote control in case that the total length is more than 100m.
4. Do not put signal line and remote control line alongside power source line.
5. Section 1 (※1) shows electric circuit of motion sensor (option) .

PJB001Z831

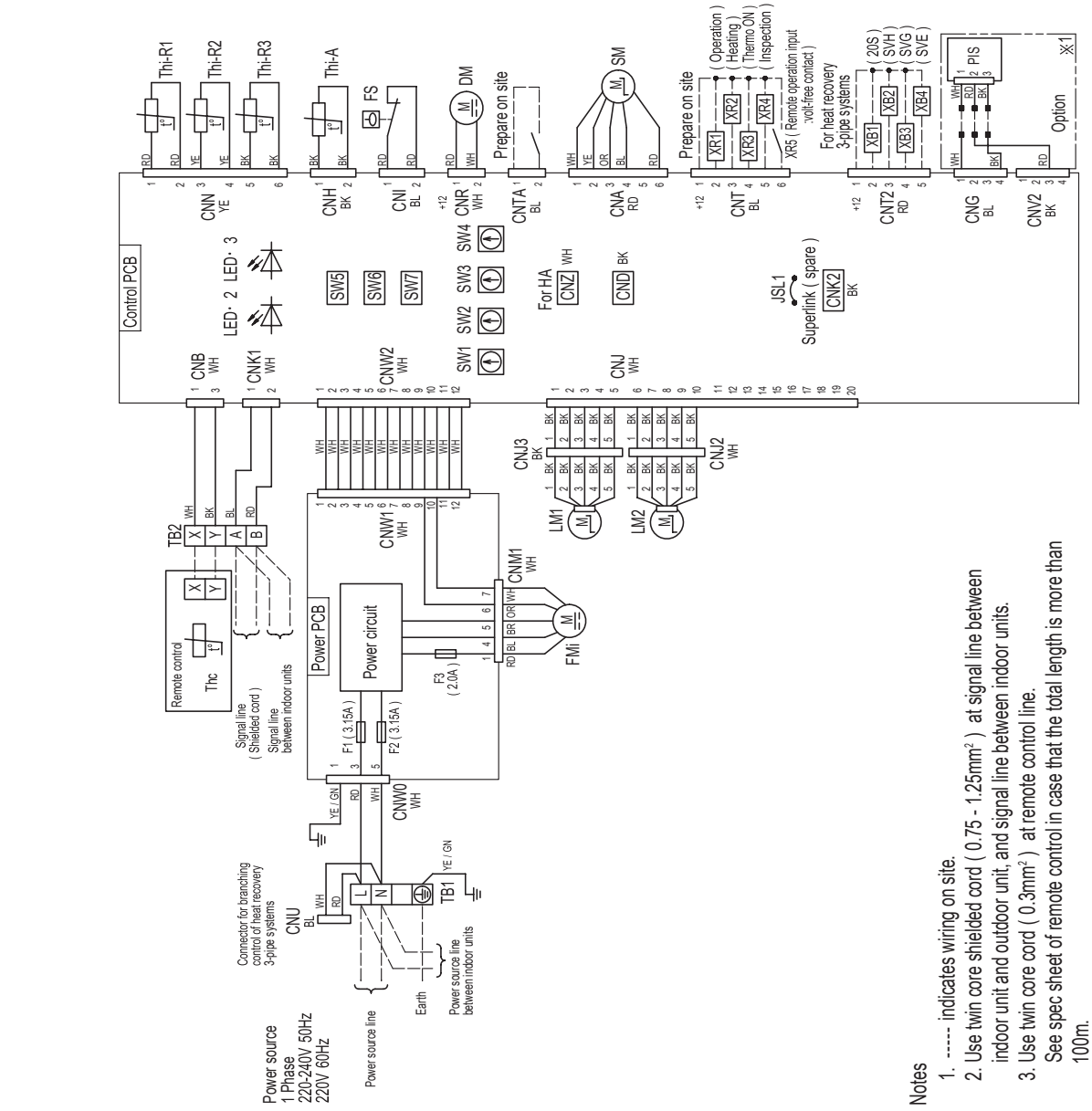
(4) Ceiling cassette-1 way type (FDTS)
Models FDTS45KXE6F, 71KXE6F

Meaning of marks

Item	Description
CNA-Z	Connector
DM	Drain motor
F1-3	Fuse
FMi	Fan motor
FS	Float switch
JSL1	Spare Superlink connector change
LED· 2	Indication lamp (Green-Normal operation)
LED· 3	Indication lamp (Red-Inspection)
LM1,2	Louver motor
PIS	Motion sensor
SM	Stepping motor (for electronic expansion valve)
SW1	Indoor unit address:tens place
SW2	Indoor unit address:ones place
SW3	Outdoor unit address:tens place
SW4	Outdoor unit address:ones place
SW5-1	Automatic adjustment / Fixed previous version of Superlink protocol
SW5-2	Indoor unit address:hundreds place
SW6	Model capacity setting
SW7-1	Operation check, Drain motor test run
TB1	Terminal block (Power source) (□ mark)
TB2	Terminal block (Signal line) (□ mark)
Thc	Temperature sensor (Remote control)
Thi-A	Temperature sensor (Return air)
Thi-R1,2,3	Temperature sensor (Heat exchanger)
■mark	Closed-end connector

Color marks

Mark	Color	Mark	Color
BK	Black	RD	Red
BL	Blue	WH	White
BR	Brown	YE	Yellow
OR	Orange	YE / GN	Yellow / Green



Notes

1. ----- indicates wiring on site.
2. Use twin core shielded cord (0.75 - 1.25mm^2) at signal line between indoor unit and outdoor unit, and signal line between indoor units.
3. Use twin core cord (0.3mm^2) at remote control line.
   See spec sheet of remote control in case that the total length is more than 100m.
4. Do not put signal line and remote control line alongside power source line.
5. Section 1 (※1) shows electric circuit of motion sensor (option) .

PJC001Z434

(5) Duct connected-High static pressure type (FDU)

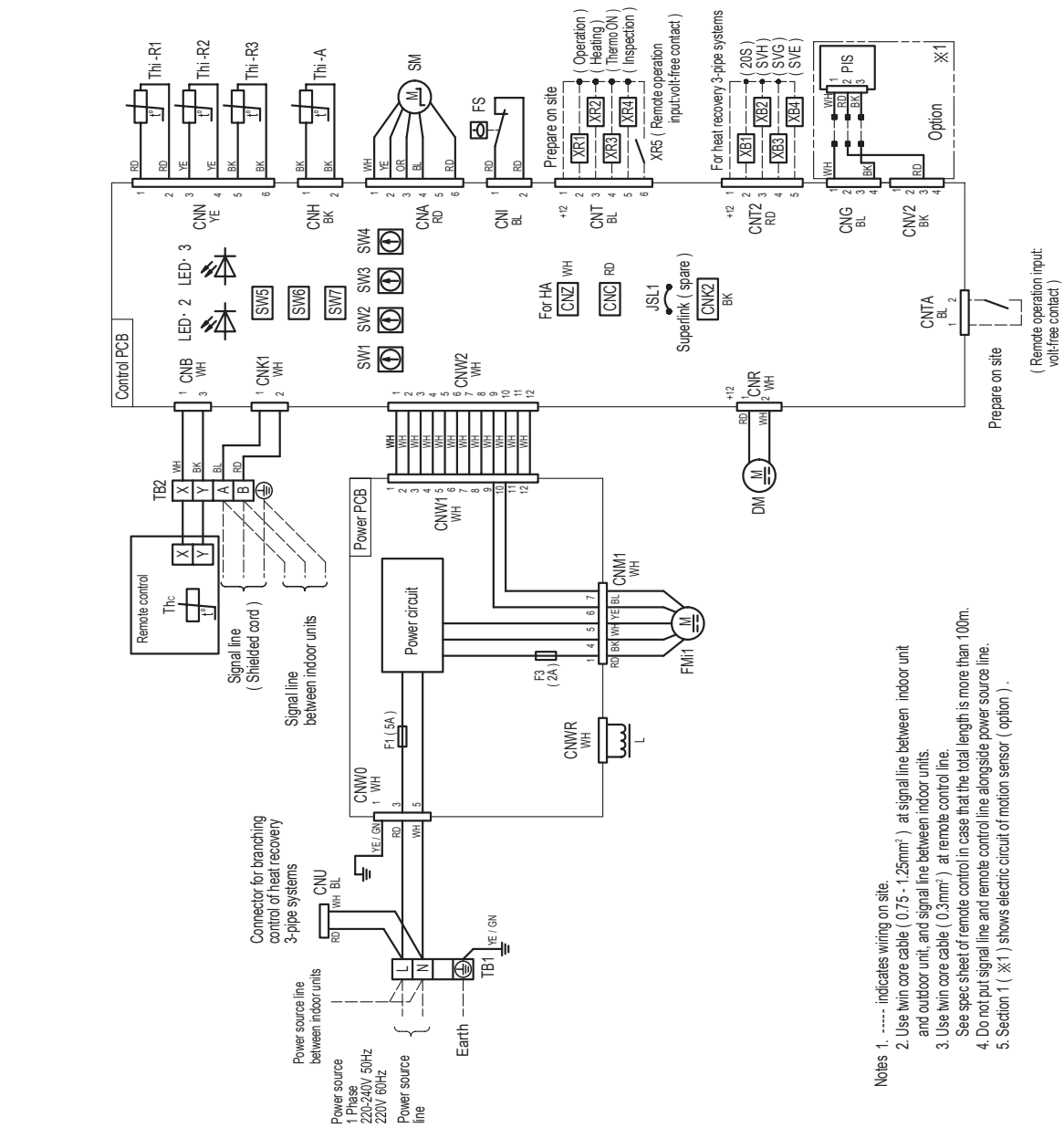
Models FDU45KXE6F, 56KXE6F

Meaning of marks

Item	Description
CNA-Z	Connector
DM	Drain motor
F1,3	Fuse
FMi1	Fan motor
FS	Float switch
JSL1	Spare Superlink connector change
L	Reactor
LED・2	Indication lamp (Green-Normal operation)
LED・3	Indication lamp (Red-Inspection)
PIS	Motion sensor
SM	Stepping motor (For electronic expansion valve)
SW1	Indoor unit address : tens place
SW2	Indoor unit address : ones place
SW3	Outdoor unit address : tens place
SW4	Outdoor unit address : ones place
SW5-1	Automatic adjustment / Fixed previous version of Superlink protocol
SW5-2	Indoor unit address : hundreds place
SW6	Model capacity setting
SW7-1	Operation check, Drain motor test run
TB1	Terminal block (Power source) (□mark)
TB2	Terminal block (Signal line) (□mark)
Thc	Temperature sensor (Remote control)
Thi-A	Temperature sensor (Return air)
Thi-R1,2,3	Temperature sensor (Heat exchanger)
■mark	Closed-end connector

Color marks

Mark	Color	Mark	Color
BK	Black	WH	White
BL	Blue	YE	Yellow
OR	Orange	YE / GN	Yellow / Green
RD	Red		



Notes 1. ----- indicates wiring on site.
2. Use twin core cable (0.75 - 1.25mm²) at signal line between indoor unit and outdoor unit, and signal line between indoor units.
3. Use twin core cable (0.3mm²) at remote control line.
See spec sheet of remote control in case that the total length is more than 100m.
4. Do not put signal line and remote control line alongside power source line.
5. Section 1 (※1) shows electric circuit of motion sensor (option) .

PJG000Z539

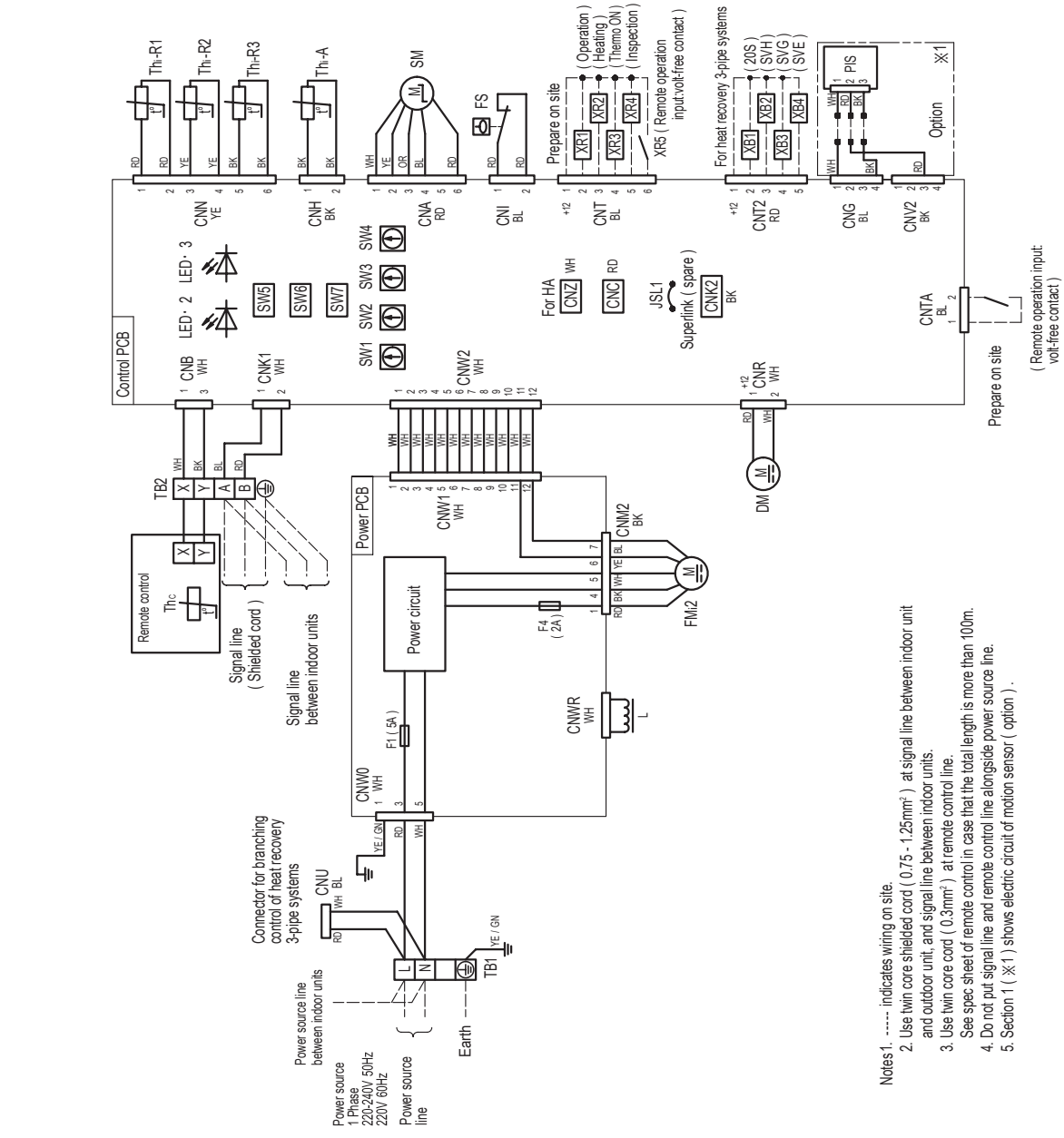
Models FDU71KXE6F, 90KXE6F

Meaning of marks

Item	Description
CNA-Z	Connector
DM	Drain motor
F1,4	Fuse
FMi2	Fan motor
FS	Float switch
JSL1	Spare Superlink connector change
L	Reactor
LED・2	Indication lamp (Green-Nomal operation)
LED・3	Indication lamp (Red-Inspection)
PIS	Motion sensor
SM	Stepping motor (For electronic expansion valve)
SW1	Indoor unit address : tens place
SW2	Indoor unit address : ones place
SW3	Outdoor unit address : tens place
SW4	Outdoor unit address : ones place
SW5-1	Automatic adjustment / Fixed previous version of Superlink protocol
SW5-2	Indoor unit address : hundreds place
SW6	Model capacity setting
SW7-1	Operation check, Drain motor test run
TB1	Terminal block (Power source) (□mark)
TB2	Terminal block (Signal line) (□mark)
Thc	Temperature sensor (Remote control)
Thi-A	Temperature sensor (Return air)
Thi-R1,2,3	Temperature sensor (Heat exchanger)
■mark	Closed-end connector

Color marks

Mark	Color	Mark	Color
BK	Black	WH	White
BL	Blue	YE	Yellow
OR	Orange	YE / GN	Yellow / Green
RD	Red		



Notes 1. ----- indicates wiring on site.
2. Use twin core shielded cord (0.75 - 1.25mm²) at signal line between indoor unit and outdoor unit, and signal line between indoor units.
3. Use twin core cord (0.3mm²) at remote control line.
See spec sheet of remote control in case that the total length is more than 100m.
4. Do not put signal line and remote control line alongside power source line.
5. Section 1 (※1) shows electric circuit of motion sensor (option) .

PJG000Z540

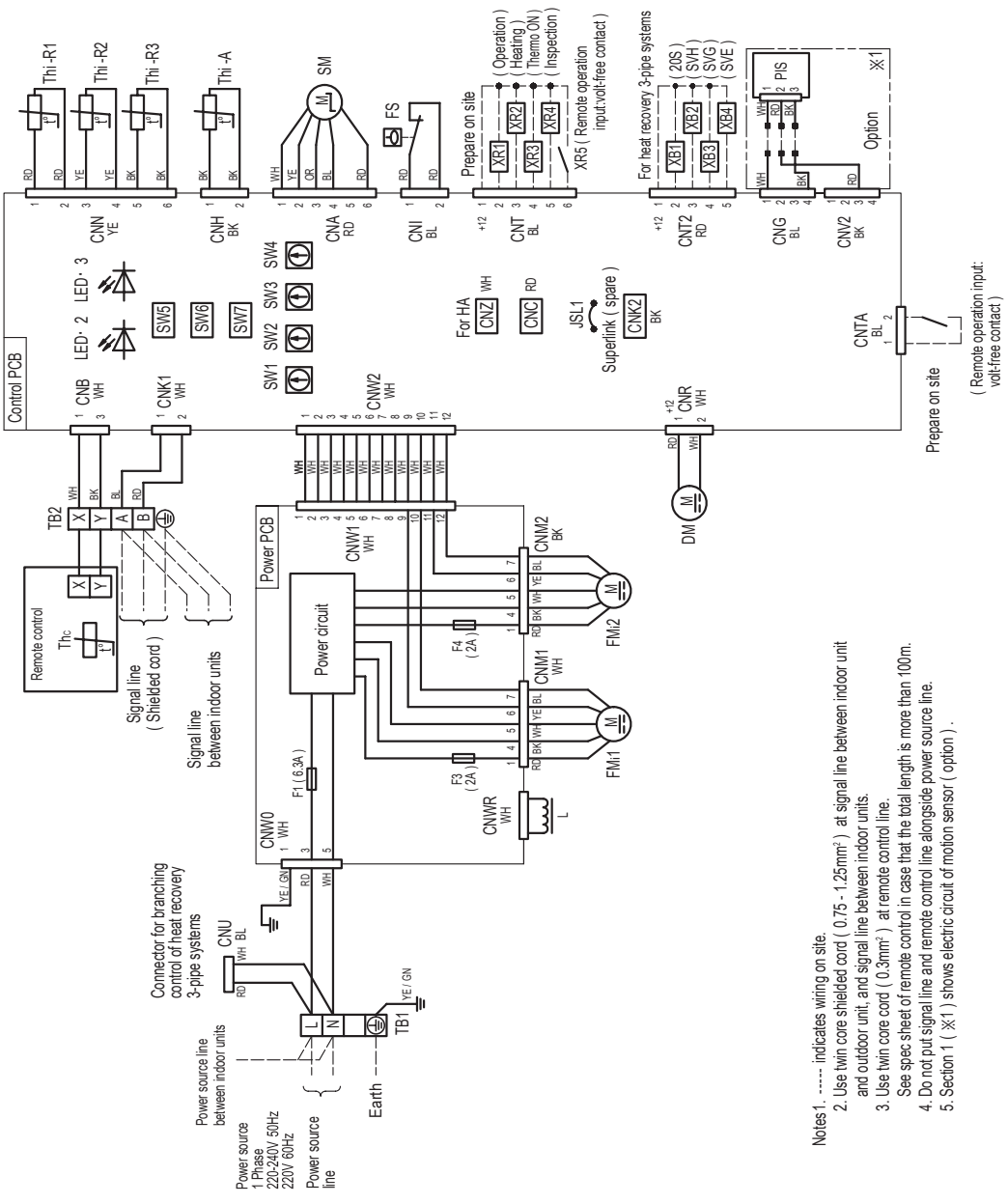
Models FDU112KXE6F, 140KXE6F, 140KXE6F

Meaning of marks

Item	Description
CNA-Z	Connector
DM	Drain motor
F1,3,4	Fuse
FMi1,2	Fan motor
FS	Float switch
JSL1	Spare Superlink connector change
L	Reactor
LED・2	Indication lamp (Green-Normal operation)
LED・3	Indication lamp (Red-Inspection)
PIS	Motion sensor
SM	Stepping motor (For electronic expansion valve)
SW1	Indoor unit address : tens place
SW2	Indoor unit address : ones place
SW3	Outdoor unit address : tens place
SW4	Outdoor unit address : ones place
SW5-1	Automatic adjustment / Fixed previous version of Superlink protocol
SW5-2	Indoor unit address : hundreds place
SW6	Model capacity setting
SW7-1	Operation check, Drain motor test run
TB1	Terminal block (Power source) (▯mark)
TB2	Terminal block (Signal line) (▯mark)
Thc	Temperature sensor (Remote control)
Thi-A	Temperature sensor (Return air)
Thi-R1,2,3	Temperature sensor (Heat exchanger)
■mark	Closed-end connector

Color marks

Mark	Color	Mark	Color
BK	Black	WH	White
BL	Blue	YE	Yellow
OR	Orange	YE / GN	Yellow / Green
RD	Red		



Notes1. ----- indicates wiring on site.
2. Use twin core shielded cord (0.75 - 1.25mm²) at signal line between indoor unit and outdoor unit, and signal line between indoor units.
3. Use twin core cord (0.3mm²) at remote control line.
See spec sheet of remote control in case that the total length is more than 100m.
4. Do not put signal line and remote control line alongside power source line.
5. Section 1 (※1) shows electric circuit of motion sensor (option) .

PJG000Z541

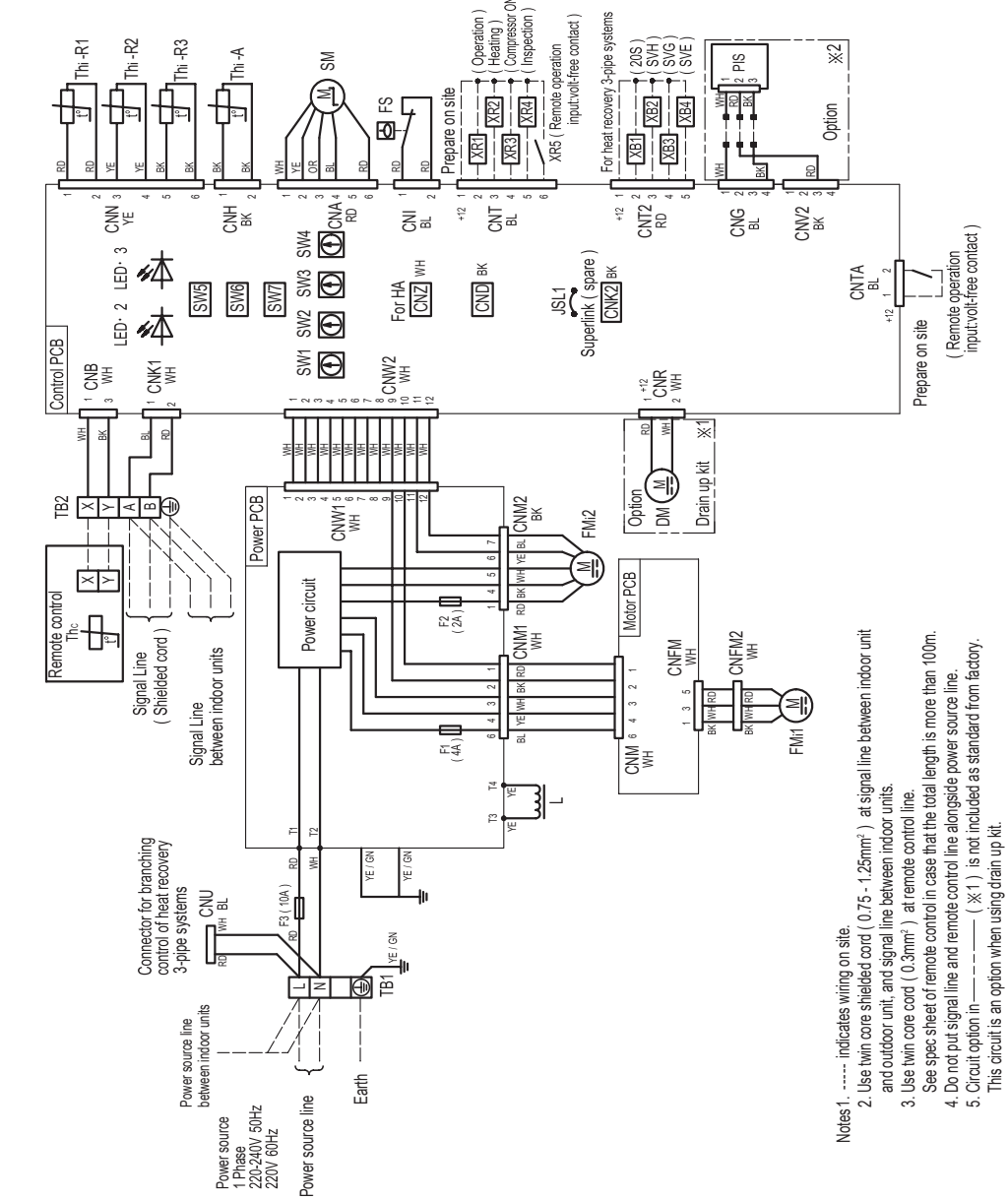
Models FDU224KXZE1, 280KXZE1

Meaning of marks

Item	Description
CNA-Z	Connector
DM	Drain motor
F1-3	Fuse
FMi1,2	Fan motor
FS	Float switch
JSL1	Spare Superlink connector change
L	Reactor
LED・2	Indication lamp (Green-Normal operation)
LED・3	Indication lamp (Red-Inspection)
PIS	Motion sensor
SM	Stepping motor (For electronic expansion valve)
SW1	Indoor unit address:tens place
SW2	Indoor unit address:ones place
SW3	Outdoor unit address:tens place
SW4	Outdoor unit address:ones place
SW5-1	Automatic adjustment / Fixed previous version of Superlink protocol
SW5-2	Indoor unit address:hundreds place
SW6	Model capacity setting
SW7- 1	Operation check,Drain motor test run
TB1	Terminal block (Power source) (□ mark)
TB2	Terminal block (Signal line) (□ mark)
Thc	Temperature sensor (Remote control)
Thi-A	Temperature sensor (Return air)
Thi-R1,2,3	Temperature sensor (Heat exchanger)
■mark	Closed-end connector

Color marks

Mark	Color
BK	Black
BL	Blue
OR	Orange
RD	Red
WH	White
YE	Yellow
YE / GN	Yellow / Green



Notes 1. ----- indicates wiring on site.
2. Use twin core shielded cord (0.75 - 1.25mm^2) at signal line between indoor unit and outdoor unit, and signal line between indoor units.
3. Use twin core cord (0.3mm^2) at remote control line.
See spec sheet of remote control in case that the total length is more than 100m.
4. Do not put signal line and remote control line alongside power source line.
5. Circuit option in —— – – – —— (※1) is not included as standard from factory.
This circuit is an option when using drain up kit.
6. Section 1 (※2) shows electric circuit of motion sensor (option) .

PJG000Z543

(6) Duct connected Low/Middle static pressure type (FDUM)

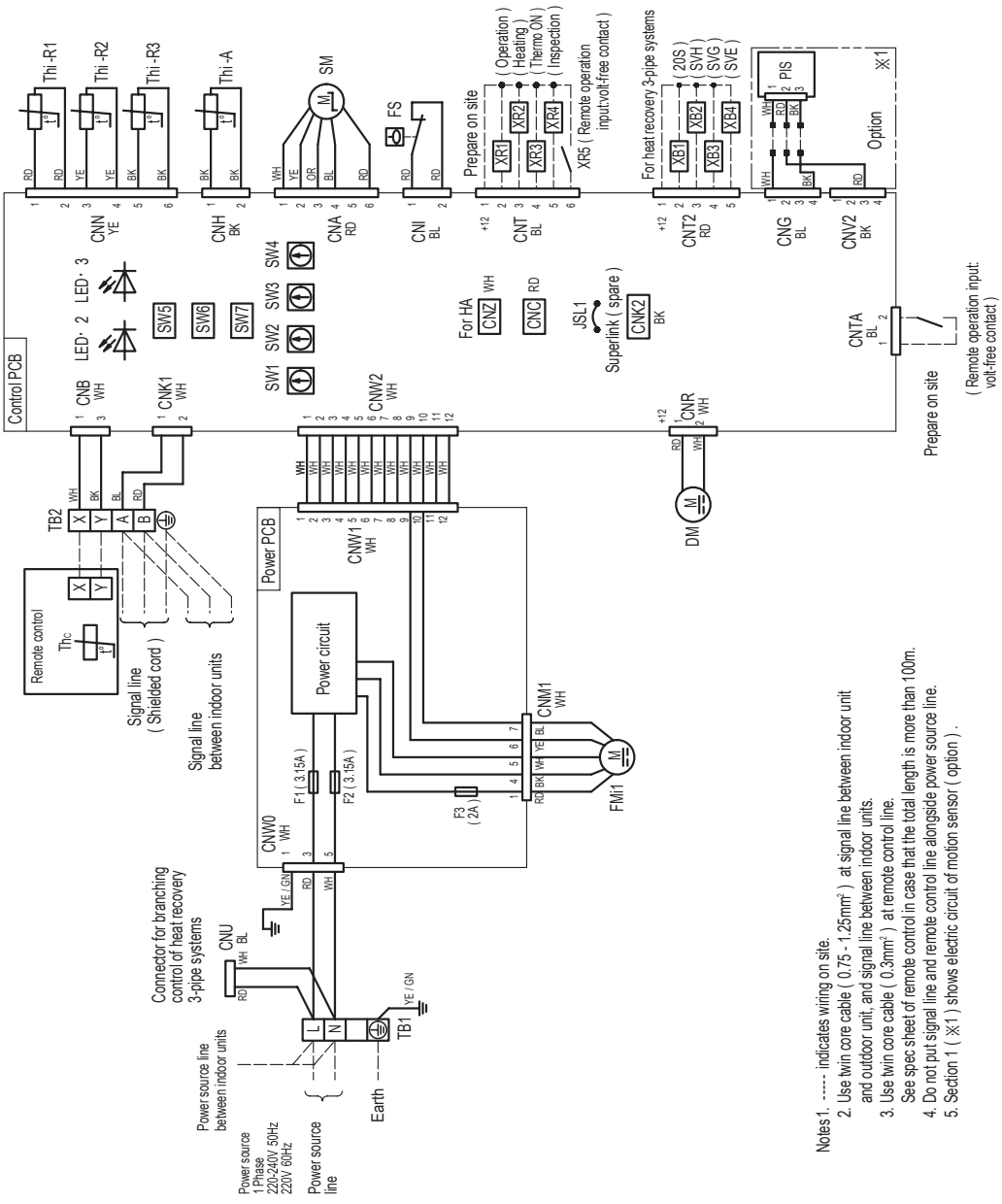
Models FDUM22KXE6F, 28KXE6F, 36KXE6F, 45KXE6F, 56KXE6F

Meaning of marks

Item	Description
CNA-Z	Connector
DM	Drain motor
F1-3	Fuse
FM1	Fan motor
FS	Float switch
JSL1	Spare Superlink connector change
LED・2	Indication lamp (Green-Normal operation)
LED・3	Indication lamp (Red-Inspection)
PIS	Motion sensor
SM	Stepping motor (For electronic expansion valve)
SW1	Indoor unit address : tens place
SW2	Indoor unit address : ones place
SW3	Outdoor unit address : tens place
SW4	Outdoor unit address : ones place
SW5-1	Automatic adjustment / Fixed previous version of Superlink protocol
SW5-2	Indoor unit address : hundreds place
SW6	Model capacity setting
SW7-1	Operation check, Drain motor test run
TB1	Terminal block (Power source) (□mark)
TB2	Terminal block (Signal line) (□mark)
Thc	Temperature sensor (Remote control)
Thi-A	Temperature sensor (Return air)
Thi-R1,2,3	Temperature sensor (Heat exchanger)
■mark	Closed-end connector

Color marks

Mark	Color	Mark	Color
BK	Black	RD	Red
BL	Blue	WH	White
BR	Brown	YE	Yellow
OR	Orange	YE / GN	Yellow / Green



Notes 1. ----- indicates wiring on site.
2. Use twin core cable (0.75 - 1.25mm²) at signal line between indoor unit and outdoor unit, and signal line between indoor units.
3. Use twin core cable (0.3mm²) at remote control line.
See spec sheet of remote control in case that the total length is more than 100m.
4. Do not put signal line and remote control line alongside power source line.
5. Section 1 (※1) shows electric circuit of motion sensor (option) .

PJG000Z526

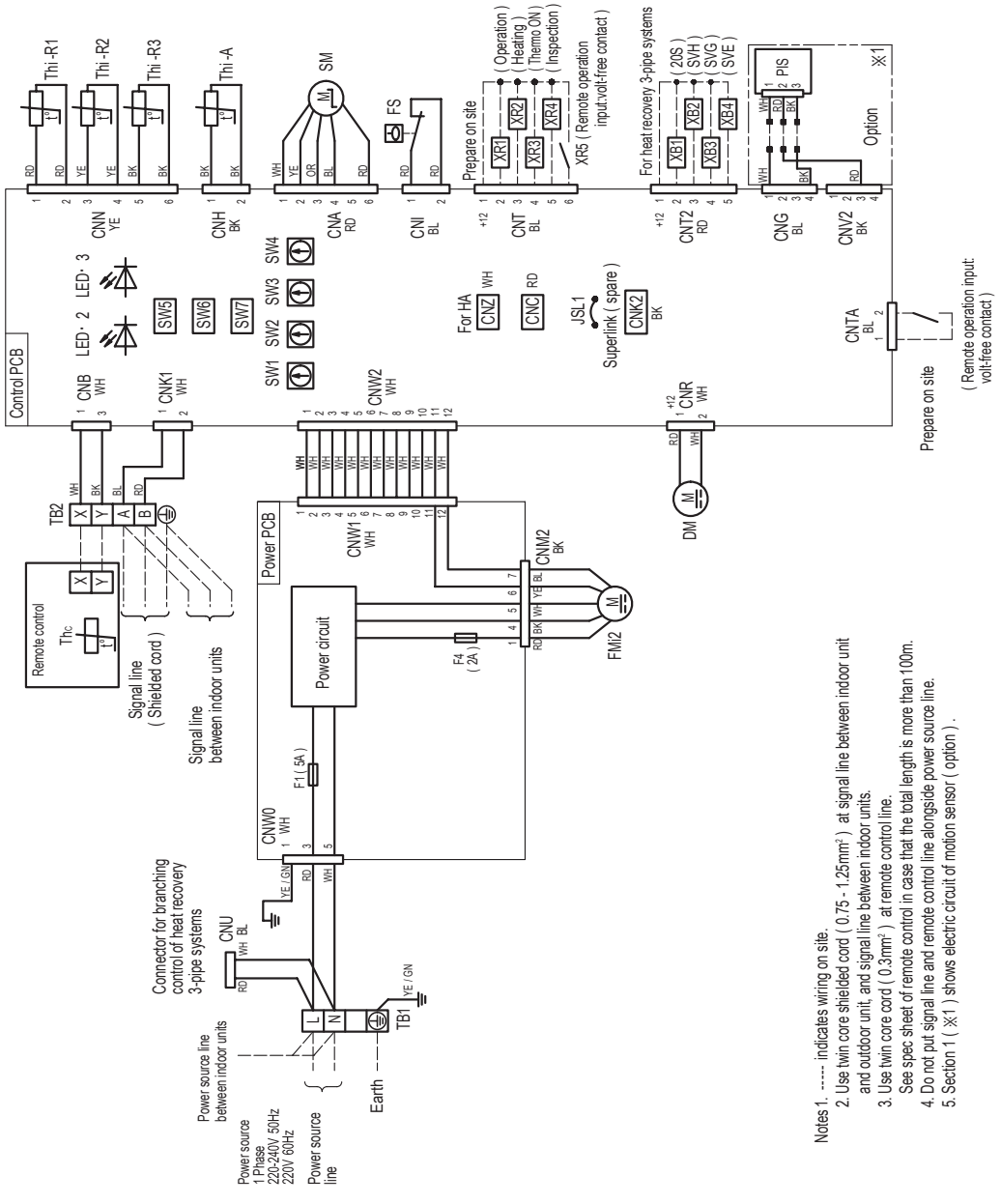
Models FDUM71KXE6F, 90KXE6F

Meaning of marks

Item	Description
CNA-Z	Connector
DM	Drain motor
F1,4	Fuse
FMi2	Fan motor
FS	Float switch
JSL1	Spare Superlink connector change
LED- 2	Indication lamp (Green-Normal operation)
LED- 3	Indication lamp (Red-Inspection)
PIS	Motion sensor
SM	Stepping motor (For electronic expansion valve)
SW1	Indoor unit address : tens place
SW2	Indoor unit address : ones place
SW3	Outdoor unit address : tens place
SW4	Outdoor unit address : ones place
SW5-1	Automatic adjustment / Fixed previous version of Superlink protocol
SW5-2	Indoor unit address : hundreds place
SW6	Model capacity setting
SW7-1	Operation check, Drain motor test run
TB1	Terminal block (Power source) (□mark)
TB2	Terminal block (Signal line) (□mark)
Thc	Temperature sensor (Remote control)
Thi-A	Temperature sensor (Return air)
Thi-R1,2,3	Temperature sensor (Heat exchanger)
■mark	Closed-end connector

Color marks

Mark	Color	Mark	Color
BK	Black	RD	Red
BL	Blue	WH	White
BR	Brown	YE	Yellow
OR	Orange	YE / GN	Yellow / Green



Notes 1. ----- indicates wiring on site.
2. Use twin core shielded cord (0.75 - 1.25mm²) at signal line between indoor unit and outdoor unit, and signal line between indoor units.
3. Use twin core cord (0.3mm²) at remote control line.
See spec sheet of remote control in case that the total length is more than 100m.
4. Do not put signal line and remote control line alongside power source line.
5. Section 1 (※1) shows electric circuit of motion sensor (option) .

PJG000Z527

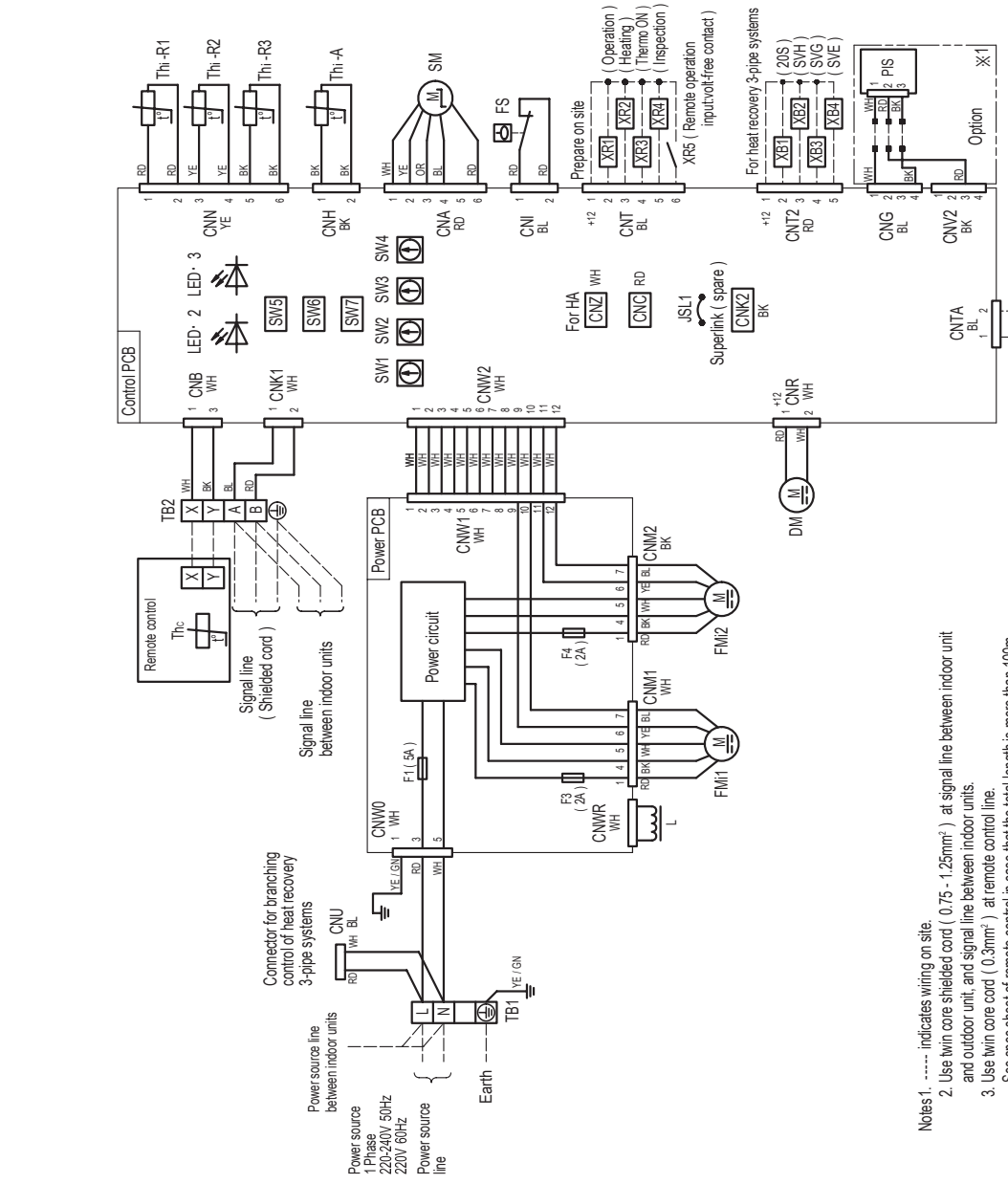
Models FDUM112KXE6F, 140KXE6F, 160KXE6F

Meaning of marks

Item	Description
CNA-Z	Connector
DM	Drain motor
F1,3,4	Fuse
FMi1,2	Fan motor
FS	Float switch
JSL1	Spare Superlink connector change
L	Reactor
LED・2	Indication lamp (Green-Nomal operation)
LED・3	Indication lamp (Red-Inspection)
PIS	Motion sensor
SM	Stepping motor (For electronic expansion valve)
SW1	Indoor unit address : tens place
SW2	Indoor unit address : ones place
SW3	Outdoor unit address : tens place
SW4	Outdoor unit address : ones place
SW5-1	Automatic adjustment / Fixed previous version of Superlink protocol
SW5-2	Indoor unit address : hundreds place
SW6	Model capacity setting
SW7-1	Operation check, Drain motor test run
TB1	Terminal block (Power source) (□mark)
TB2	Terminal block (Signal line) (□mark)
Thc	Temperature sensor (Remote control)
Thi-A	Temperature sensor (Return air)
Thi-R1,2,3	Temperature sensor (Heat exchanger)
■mark	Closed-end connector

Color marks

Mark	Color	Mark	Color
BK	Black	RD	Red
BL	Blue	WH	White
BR	Brown	YE	Yellow
OR	Orange	YE / GN	Yellow / Green



Notes 1. ----- indicates wiring on site.
2. Use twin core shielded cord (0.75 - 1.25mm²) at signal line between indoor unit and outdoor unit, and signal line between indoor units.
3. Use twin core cord (0.3mm²) at remote control line.
See spec sheet of remote control in case that the total length is more than 100m.
4. Do not put signal line and remote control line alongside power source line.
5. Section 1 (※1) shows electric circuit of motion sensor (option).

PJG000Z528

(7) Duct connected (thin) -Low static pressure type (FDUT)

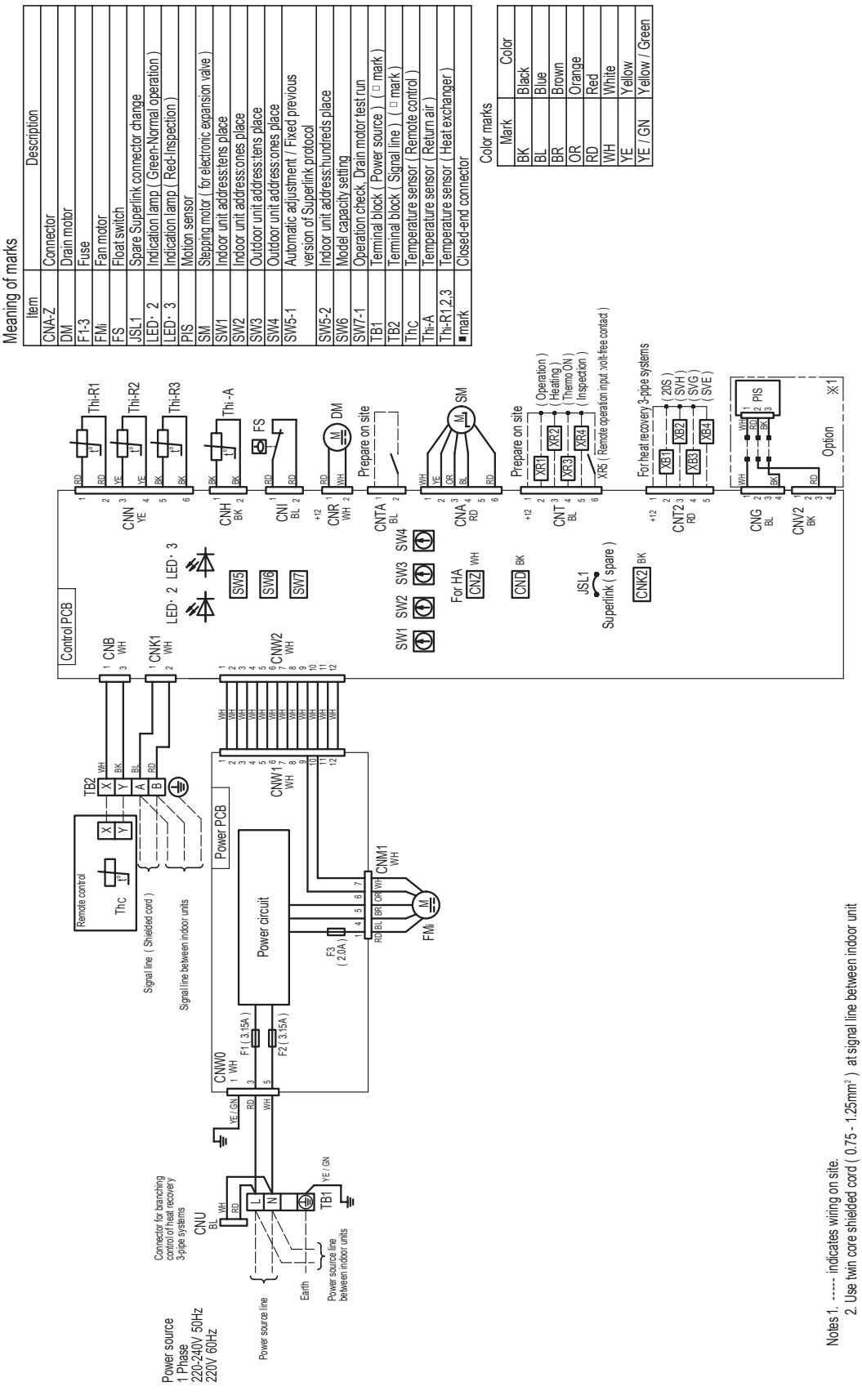
Model FDUT71KXE6F-E

Meaning of marks

Item	Description
CNA-Z	Connector
DM	Drain motor
F1-3	Fuse
FMi	Fan motor
FS	Float switch
JSL1	Spare Superlink connector change
LED・2	Indication lamp (Green-Normal operation)
LED・3	Indication lamp (Red-Inspection)
PIS	Motion sensor
SM	Stepping motor (for electronic expansion valve)
SW1	Indoor unit address:tens place
SW2	Indoor unit address:ones place
SW3	Outdoor unit address:tens place
SW4	Outdoor unit address:ones place
SW5-1	Automatic adjustment / Fixed previous version of Superlink protocol
SW5-2	Indoor unit address:hundreds place
SW6	Model capacity setting
SW7-1	Operation check, Drain motor test run
TB1	Terminal block (Power source) (□ mark)
TB2	Terminal block (Signal line) (□ mark)
ThC	Temperature sensor (Remote control)
Th-A	Temperature sensor (Return air)
Th-R1,2,3	Temperature sensor (Heat exchanger)
■mark	Closed-end connector

Color marks

Mark	Color
BK	Black
BL	Blue
BR	Brown
OR	Orange
RD	Red
WH	White
YE	Yellow
YE / GN	Yellow / Green



Notes 1. ----- indicates wiring on site.
2. Use twin core shielded cord (0.75 - 1.25mm^2) at signal line between indoor unit and outdoor unit, and signal line between indoor units.
3. Use twin core cord (0.3mm^2) at remote control line.
See spec sheet of remote control in case that the total length is more than 100m.
4. Do not put signal line and remote control line alongside power source line.
5. Section 1 (※1) shows electric circuit of motion sensor (option) .

PJH000Z023

(8) Wall mounted type (FDK)

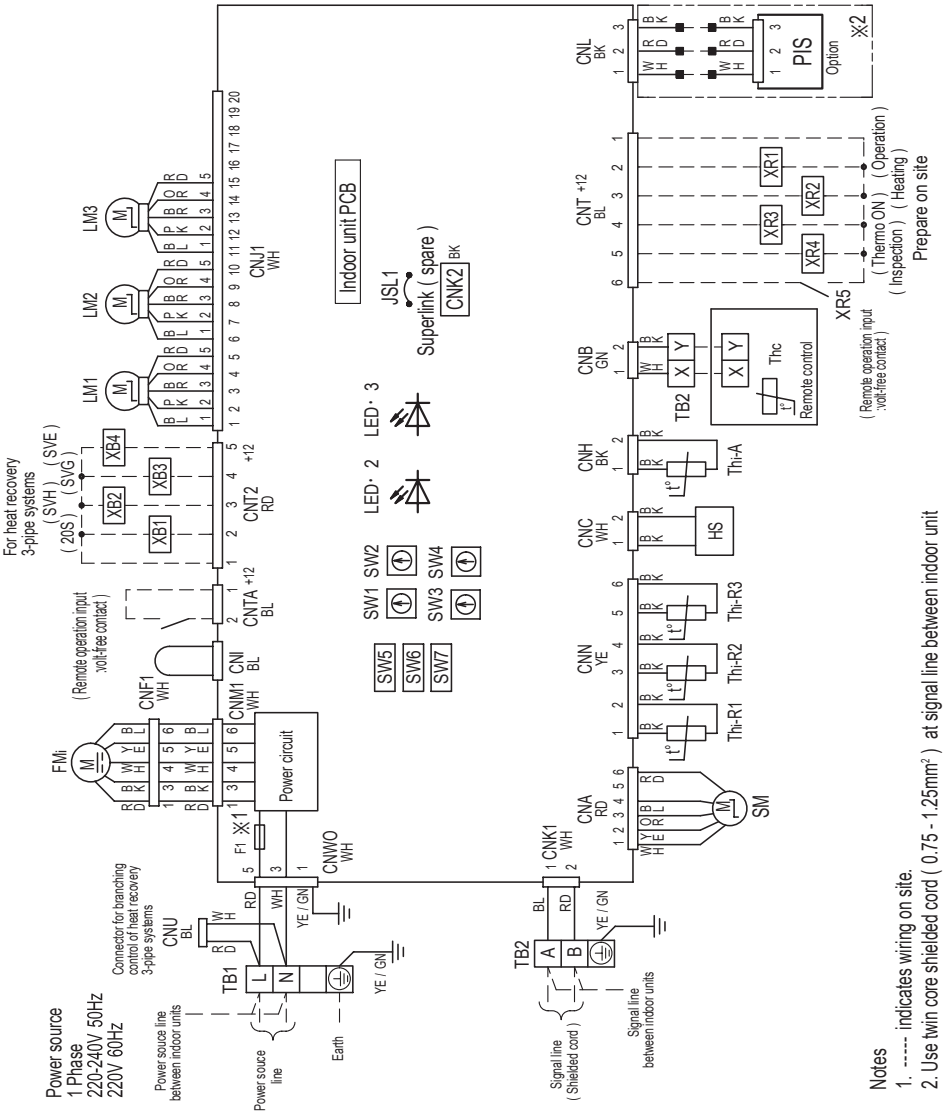
All models

Meaning of marks

Item	Description
CNA-Z	Connector
F1	Fuse
FMi	Fan motor
HS	Humidity sensor
JSL1	Spare Superlink connector change
LED・2	Indication lamp (Green-Normal operation)
LED・3	Indication lamp (Red-Inspection)
LM1	Flap motor
LM2	Louver motor (Left)
LM3	Louver motor (Right)
PIS	Motion sensor
SM	Stepping motor (For electronic expansion valve)
SW1	Indoor unit address:tens place
SW2	Indoor unit address:ones place
SW3	Outdoor unit address:tens place
SW4	Outdoor unit address:ones place
SW5 -1	Automatic adjustment / Fixed previous version of Superlink protocol
SW5 -2	Indoor unit address:hundreds place
SW6,SW7-2	Model capacity setting
SW7 -1	Operation check
TB1	Terminal block (Power source) (□ mark)
TB2	Terminal block (Signal line) (□ mark)
Thc	Temperature sensor (Remote control)
Thi-A	Temperature sensor (Return air)
Thi-R1,2,3	Temperature sensor (Heat exchanger)
■mark	Closed-end connector

Color marks

Mark	Color	Mark	Color
BK	Black	RD	Red
BL	Blue	WH	White
BR	Brown	YE	Yellow
OR	Orange	YE / GN	Yellow / Green
PK	Pink		



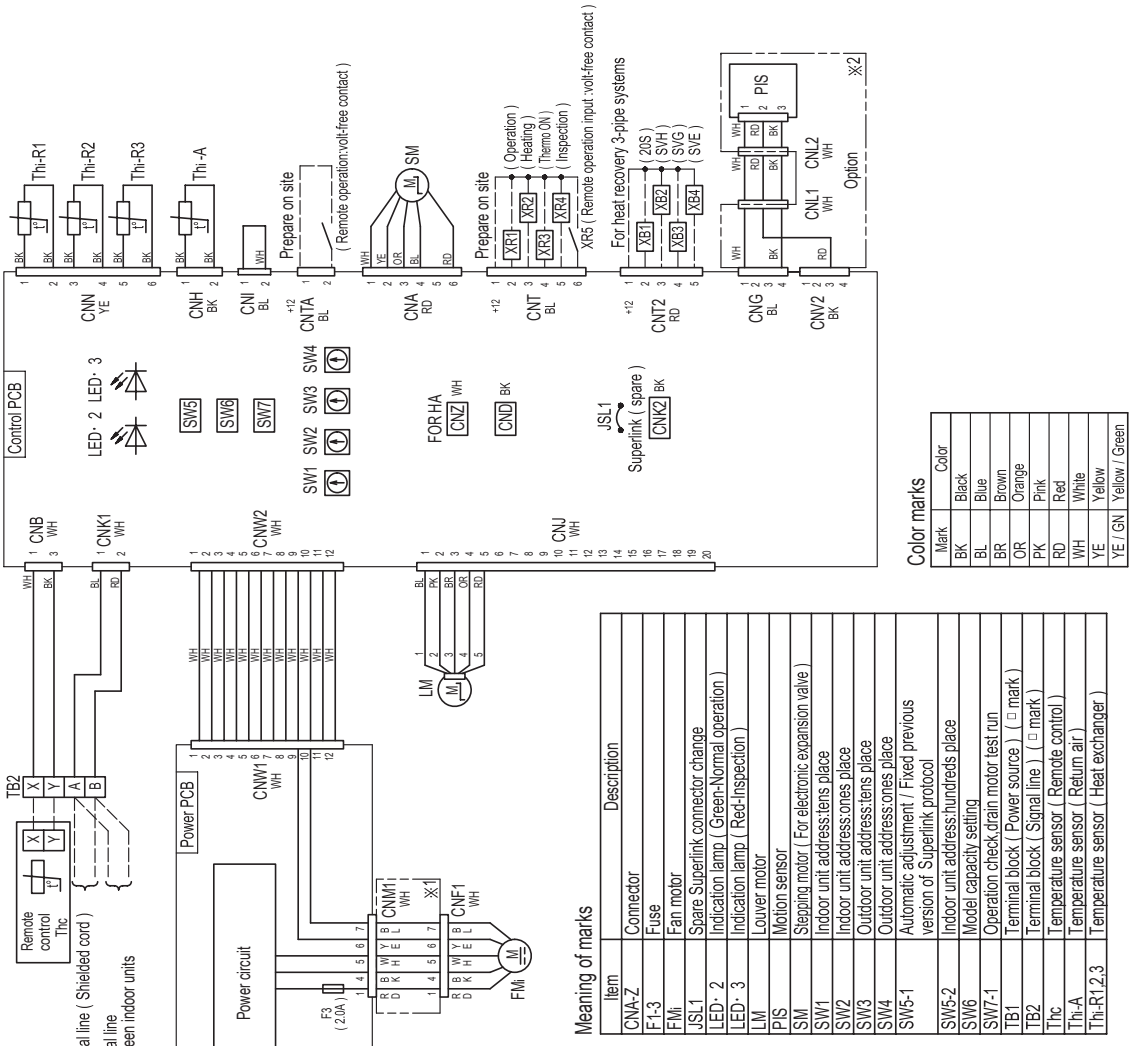
Notes

1. ----- indicates wiring on site.
2. Use twin core shielded cord (0.75 - 1.25mm^2) at signal line between indoor unit and outdoor unit, and signal line between indoor units.
3. Use twin core cord (0.3mm^2) at remote control line.
   See spec sheet of remote control in case that the total length is more than 100m.
4. Do not put signal line and remote control line alongside power source line.
5. Fuse (F1) (※1) is 3.15A in case of FDK15 ~ 56 ,and 5A in case of FDK71,90.
6. Section 1 (※2) shows electric circuit of motion sensor (option) .

PHA001Z142

(9) Ceiling suspended type (FDE)

All models



Meaning of marks

Item	Description
CNA-Z	Connector
F1-3	Fuse
FMi	Fan motor
JSL1	Spare Superlink connector change
LED- 2	Indication lamp (Green-Normal operation)
LED- 3	Indication lamp (Red-Inspection)
LM	Louver motor
PIS	Motion sensor
SM	Stepping motor (For electronic expansion valve)
SW1	Indoor unit address:tens place
SW2	Indoor unit address:ones place
SW3	Outdoor unit address:tens place
SW4	Outdoor unit address:ones place
SW5-1	Automatic adjustment / Fixed previous version of Superlink protocol
SW5-2	Indoor unit address:hundreds place
SW6	Model capacity setting
SW7-1	Operation check,drain motor test run
TB1	Terminal block (Power source) (□ mark)
TB2	Terminal block (Signal line) (□ mark)
Thc	Temperature sensor (Remote control)
Thi-A	Temperature sensor (Return air)
Thi-R1,2,3	Temperature sensor (Heat exchanger)

Color marks

Mark	Color
BK	Black
BL	Blue
BR	Brown
OR	Orange
PK	Pink
RD	Red
WH	White
YE	Yellow
YE / GN	Yellow / Green

Notes 1. ----- indicates wiring on site.
2. Use twin core cable (0.75 - 1.25mm^2) at signal line between indoor unit and outdoor unit, and signal line between indoor units.
3. Use twin core cable (0.3mm^2) at remote control.
See spec sheet of remote control in case that the total length is more than 100m.
4. Do not put signal line and remote control line alongside power source line.
5. Section 1 (※1) is provided on the models 112,140 only.
6. Section 2 (※2) shows electric circuit of motion sensor (option) .

PFA004Z096

(10) Outdoor air processing unit (FDU-F)

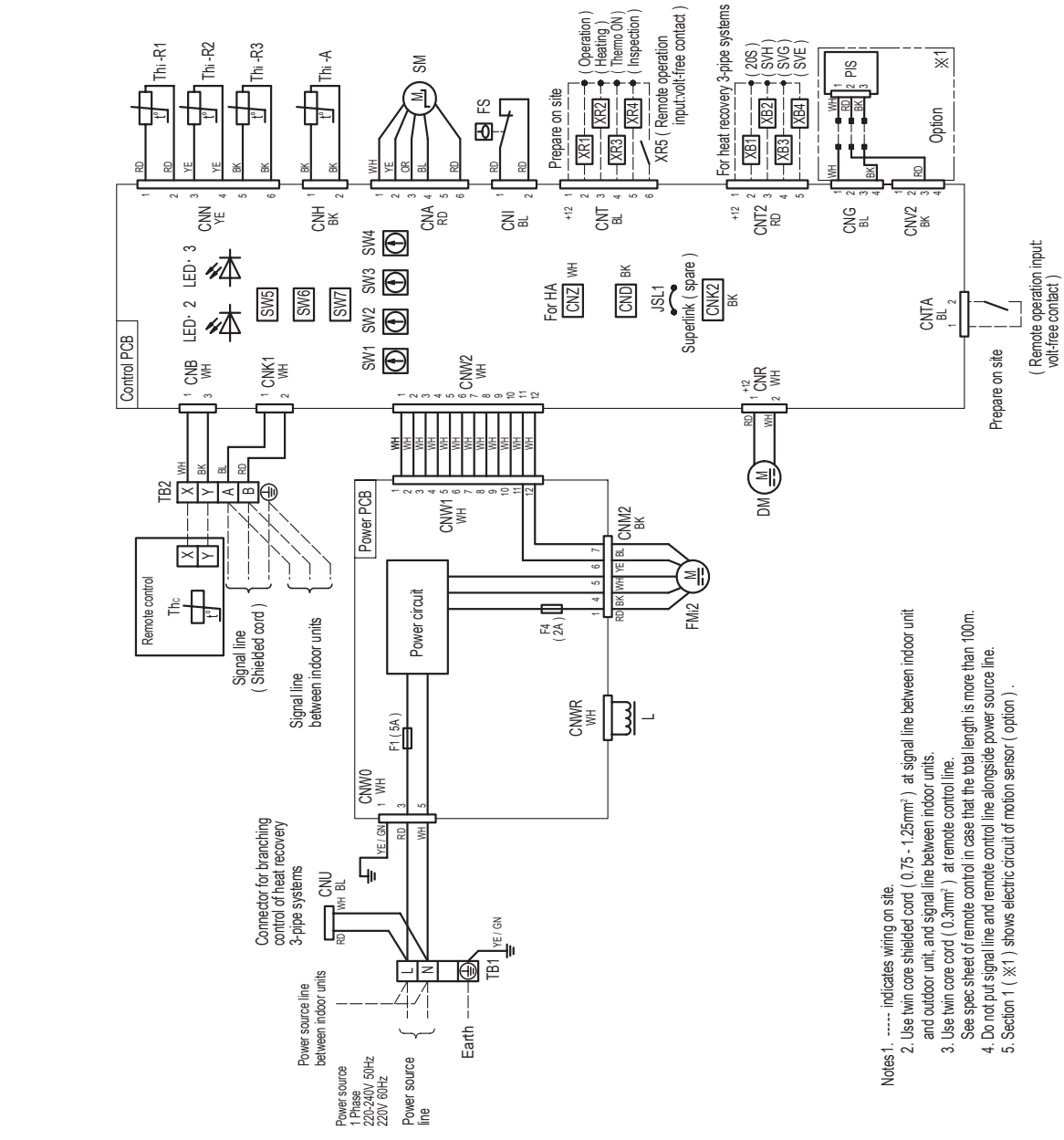
Model FDU650FKXZE1

Meaning of marks

Item	Description
CNA-Z	Connector
DM	Drain motor
F1,4	Fuse
FMi2	Fan motor
FS	Float switch
JSL1	Spare Superlink connector change
L	Reactor
LED・2	Indication lamp (Green-Normal operation)
LED・3	Indication lamp (Red-Inspection)
PIS	Motion sensor
SM	Stepping motor (For electronic expansion valve)
SW1	Indoor unit address : tens place
SW2	Indoor unit address : ones place
SW3	Outdoor unit address : tens place
SW4	Outdoor unit address : ones place
SW5-1	Automatic adjustment / Fixed previous version of Superlink protocol
SW5-2	Indoor unit address : hundreds place
SW6	Model capacity setting
SW7-1	Operation check, Drain motor test run
TB1	Terminal block (Power source) (□mark)
TB2	Terminal block (Signal line) (□mark)
Thc	Temperature sensor (Remote control)
Th-A	Temperature sensor (Return air)
Th-R1,2,3	Temperature sensor (Heat exchanger)
■mark	Closed-end connector

Color marks

Mark	Color	Mark	Color
BK	Black	WH	White
BL	Blue	YE	Yellow
OR	Orange	YE / GN	Yellow / Green
RD	Red		



Notes 1. ----- indicates wiring on site.
2. Use twin core shielded cord (0.75 - 1.25mm²) at signal line between indoor unit and outdoor unit, and signal line between indoor units.
3. Use twin core cord (0.3mm²) at remote control line.
See spec sheet of remote control in case that the total length is more than 100m.
4. Do not put signal line and remote control line alongside power source line.
5. Section 1 (※1) shows electric circuit of motion sensor (option) .

PJG000Z563

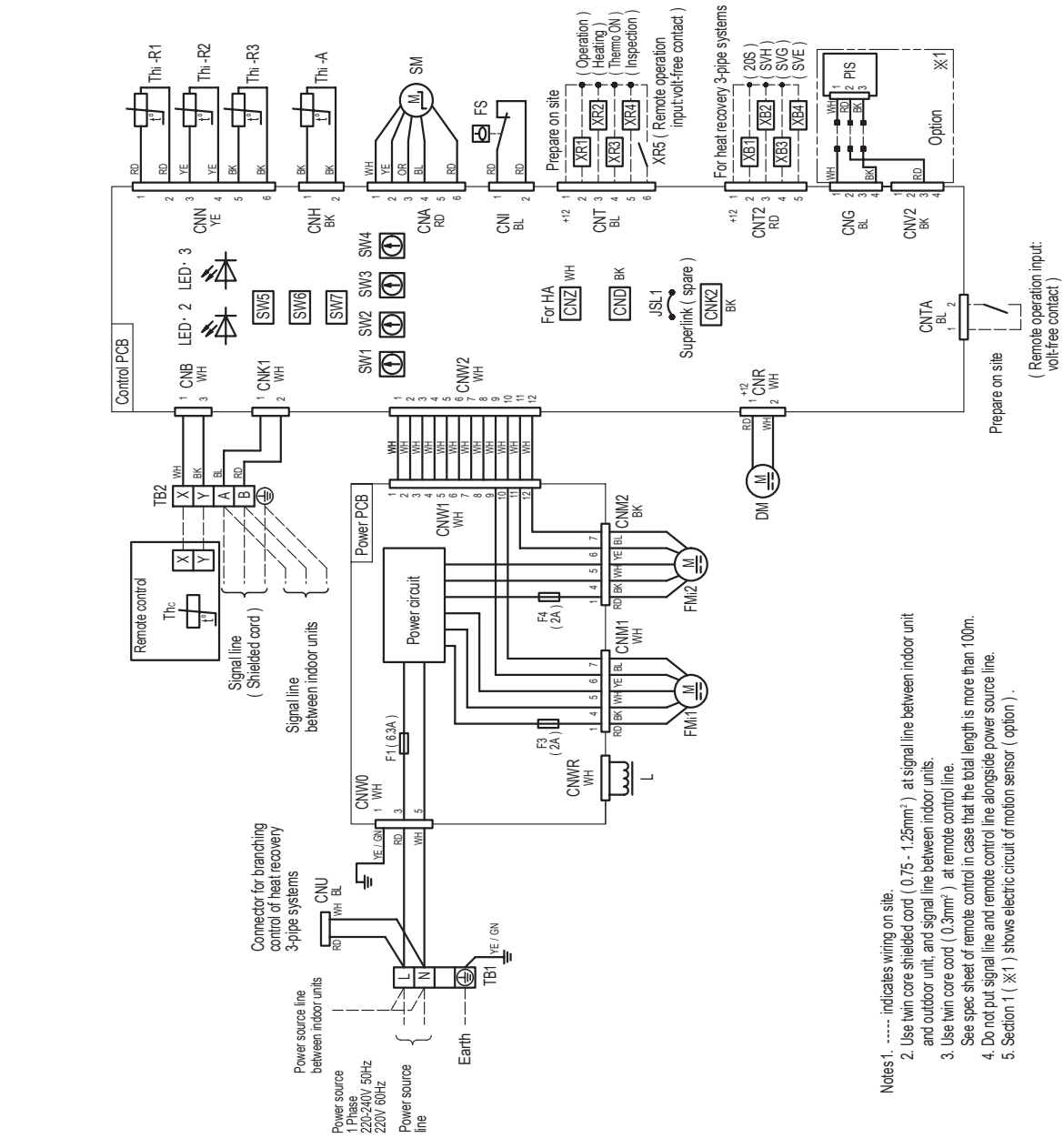
Model FDU 1100FKXZE1

Meaning of marks

Item	Description
CNA-Z	Connector
DM	Drain motor
F1,3,4	Fuse
FMi1,2	Fan motor
FS	Float switch
JSL1	Spare Superlink connector change
L	Reactor
LED・2	Indication lamp (Green-Normal operation)
LED・3	Indication lamp (Red-Inspection)
PIS	Motion sensor
SM	Stepping motor (For electronic expansion valve)
SW1	Indoor unit address : tens place
SW2	Indoor unit address : ones place
SW3	Outdoor unit address : tens place
SW4	Outdoor unit address : ones place
SW5-1	Automatic adjustment / Fixed previous version of Superlink protocol
SW5-2	Indoor unit address : hundreds place
SW6	Model capacity setting
SW7-1	Operation check, Drain motor test run
TB1	Terminal block (Power source) (□mark)
TB2	Terminal block (Signal line) (□mark)
Thc	Temperature sensor (Remote control)
Thi-A	Temperature sensor (Return air)
Thi-R1,2,3	Temperature sensor (Heat exchanger)
■mark	Closed-end connector

Color marks

Mark	Color	Mark	Color
BK	Black	WH	White
BL	Blue	YE	Yellow
OR	Orange	YE / GN	Yellow / Green
RD	Red		



PJG000Z564

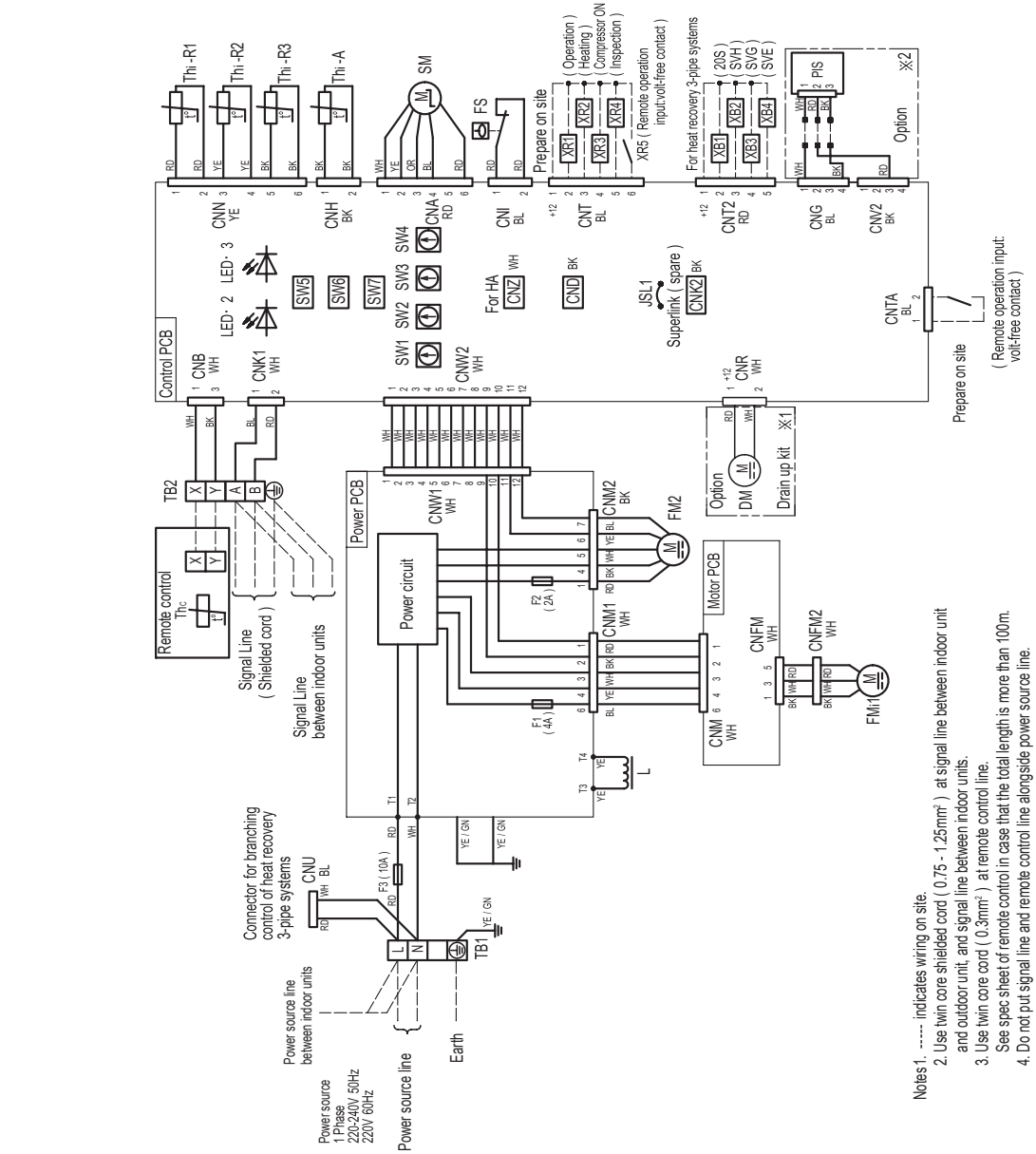
Models FDU1800FKXZE1, 2400FKXZE1

Meaning of marks

Item	Description
CNA-Z	Connector
DM	Drain motor
F1-3	Fuse
FM1,2	Fan motor
FS	Float switch
JSL1	Spare Superlink connector change
L	Reactor
LED-2	Indication lamp (Green:Normal operation)
LED-3	Indication lamp (Red-Inspection)
PIS	Motion sensor
SM	Stepping motor (For electronic expansion valve)
SW1	Indoor unit address:tens place
SW2	Indoor unit address:ones place
SW3	Outdoor unit address:tens place
SW4	Outdoor unit address:ones place
SW5-1	Automatic adjustment / Fixed previous version of Superlink protocol
SW5-2	Indoor unit address:hundreds place
SW6	Model capacity setting
SW7-1	Operation check,Drain motor test run
TB1	Terminal block (Power source) (□ mark)
TB2	Terminal block (Signal line) (□ mark)
Thc	Temperature sensor (Remote control)
Th-A	Temperature sensor (Return air)
Th-R1,2,3	Temperature sensor (Heat exchanger)
■mark	Closed-end connector

Color marks

Mark	Color
BK	Black
BL	Blue
OR	Orange
RD	Red
WH	White
YE	Yellow
YE / GN	Yellow / Green



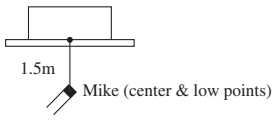
Notes 1. ----- indicates wiring on site.
2. Use twin core shielded cord (0.75 - 1.25mm²) at signal line between indoor unit and outdoor unit, and signal line between indoor units.
3. Use twin core cord (0.3mm²) at remote control line.
See spec sheet of remote control in case that the total length is more than 100m.
4. Do not put signal line and remote control line alongside power source line.
5. Circuit option in (※1) is not included as standard from factory.
This circuit is an option when using drain up kit.
6. Section 1 (※2) shows electric circuit of motion sensor (option) .

PJG000Z565

4. NOISE LEVEL

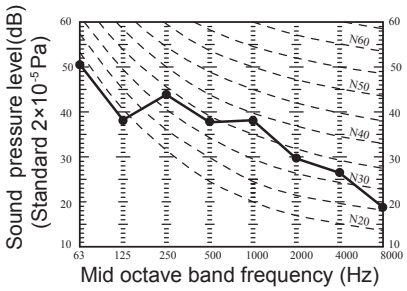
Note (1) The data are based on the following conditions.
Ambient air tempetature: Indoor unit 27˚C DB, 19˚C WB. Outdoor unit 35˚C DB
(2) The data in the chart are measuted in an unechonic room.
(3) The noise levels measured in the field are usually higher than the data because of reflection.

(1) Ceiling cassette-4 way (FDT)

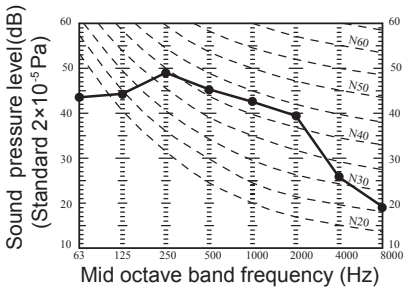


Measured based on JIS B 8616
Mike position as right

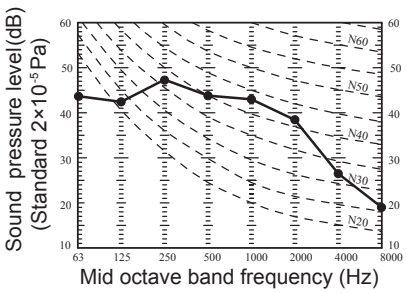
FDT28,36,45KXZE1
Noise level 38dB(A) at P-Hi



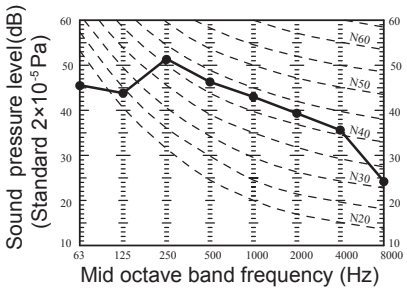
FDT56KXZE1
Noise level 44dB(A) at P-Hi



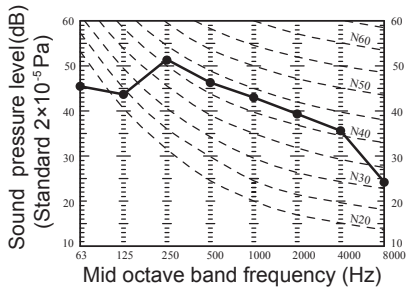
FDT71KXZE1
Noise level 47dB(A) at P-Hi



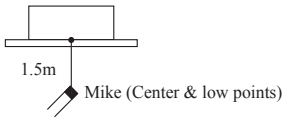
FDT90KXZE1
Noise level 49dB(A) at P-Hi



FDT112,140,160KXZE1
Noise level 49dB(A) at P-Hi

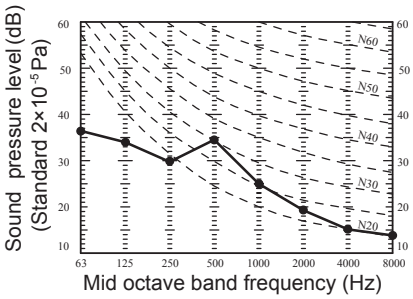


(2) Ceiling cassette-4 way compact type (FDTC)

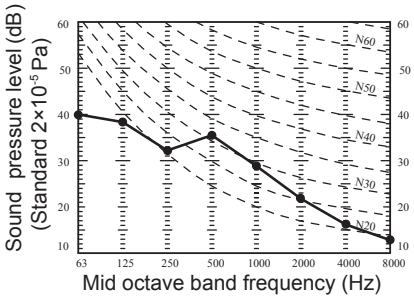


Measured based on JIS B 8616
Mike position as right

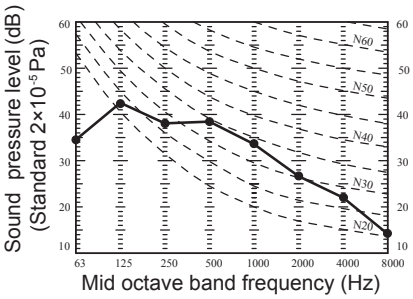
FDTC15KXZE1
Noise level 33dB(A) at P-Hi



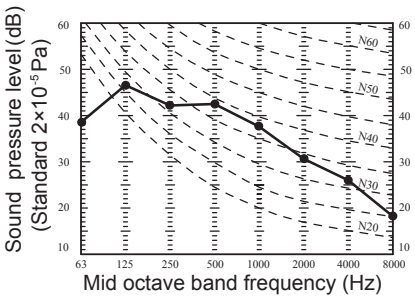
FDTC22,28KXZE1
Noise level 35dB(A) at P-Hi



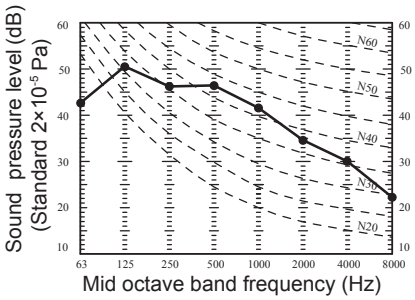
FDTC36KXZE1
Noise level 39dB(A) at P-Hi



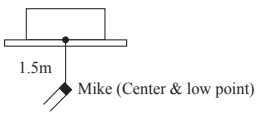
FDTC45KXZE1
Noise level 43dB(A) at P-Hi



FDTC56KXZE1
Noise level 47dB(A) at P-Hi



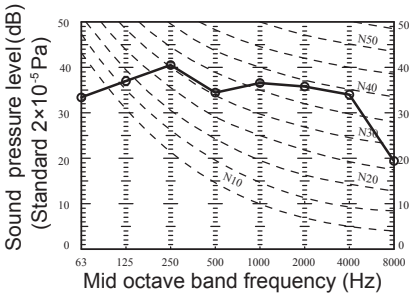
(3) Ceiling cassette-2 way type (FDTW)



Measured based on JIS B 8616
Mike position as right

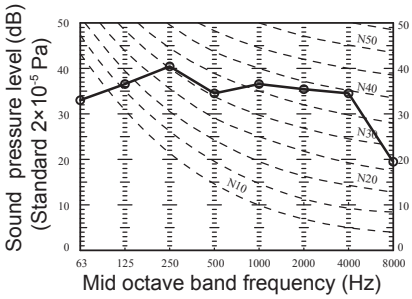
FDTW28, 45, 56KXE6F

Noise level 42 dB (A) at P-HIGH
38 dB (A) at HIGH
34 dB (A) at MEDIUM
31 dB (A) at LOW



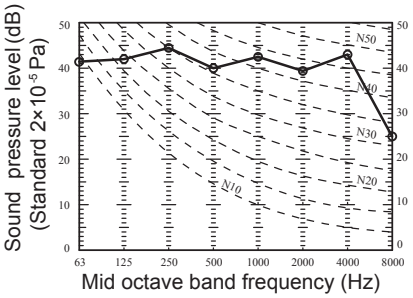
FDTW71KXE6F

Noise level 42 dB (A) at P-HIGH
38 dB (A) at HIGH
34 dB (A) at MEDIUM
31 dB (A) at LOW



FDTW90,112,140KXE6F

Noise level 48 dB (A) at P-HIGH
45 dB (A) at HIGH
41 dB (A) at MEDIUM
37 dB (A) at LOW



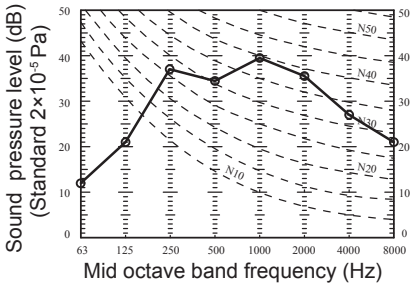
(4) Ceiling cassette-1 way type (FDTS)

Measured based on JIS B 8616
Mike position as below



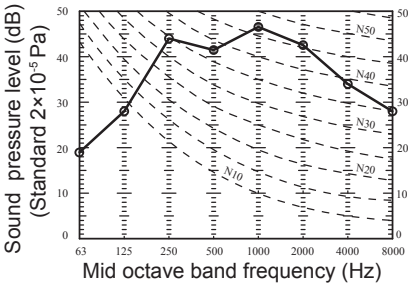
FDTS45KXE6F

Noise level 42 dB (A) at P-HIGH
40 dB (A) at HIGH
38 dB (A) at MEDIUM
35 dB (A) at LOW



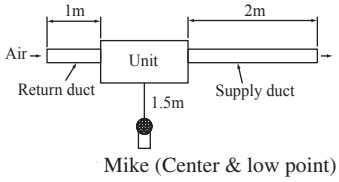
FDTS71KXE6F

Noise level 49 dB (A) at P-HIGH
46 dB (A) at HIGH
41 dB (A) at MEDIUM
36 dB (A) at LOW



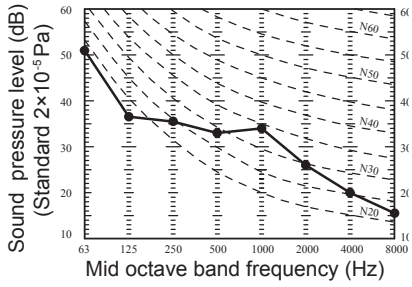
(5) Duct connected-High static pressure type (FDU)

Measured based on JIS B 8616
Mike position as below



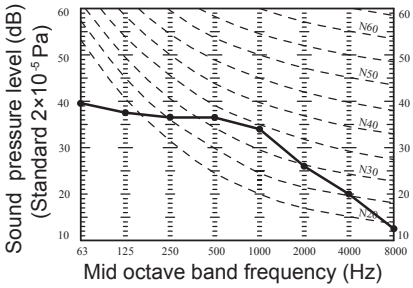
FDU45,56KXE6F

Noise level 37 dB (A) at P-HIGH
32 dB (A) at HIGH
29 dB (A) at MEDIUM
26 dB (A) at LOW



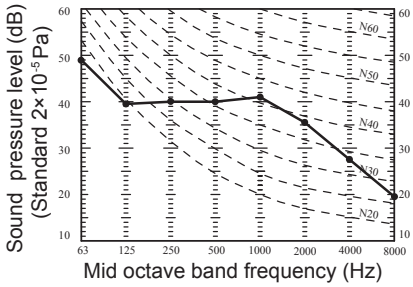
FDU71,90KXE6F

Noise level 38 dB (A) at P-HIGH
33 dB (A) at HIGH
29 dB (A) at MEDIUM
25 dB (A) at LOW



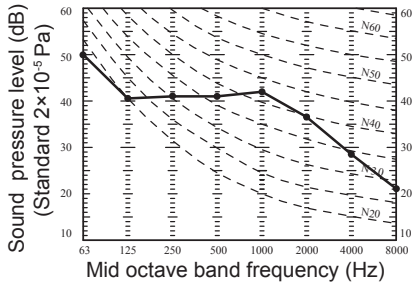
FDU112KXE6F

Noise level 44 dB (A) at P-HIGH
38 dB (A) at HIGH
36 dB (A) at MEDIUM
30 dB (A) at LOW



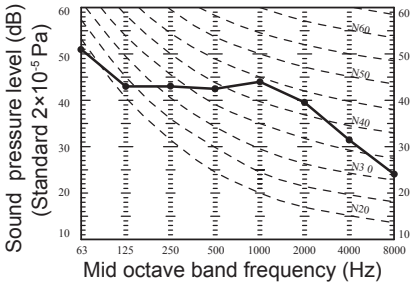
FDU140KXE6F

Noise level 45 dB (A) at P-HIGH
40 dB (A) at HIGH
34 dB (A) at MEDIUM
29 dB (A) at LOW



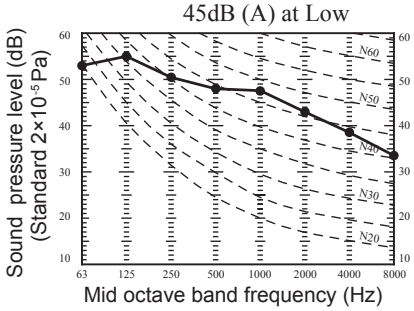
FDU160KXE6F

Noise level 47 dB (A) at P-HIGH
40 dB (A) at HIGH
35 dB (A) at MEDIUM
30 dB (A) at LOW



FDU224, 280KXZE1

Noise level 52dB (A) at P-High
50dB (A) at High
47dB (A) at Medium
45dB (A) at Low



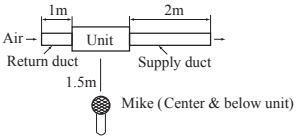
Power level

Measurement conditions : JIS B 8616
Measurement location : reverberation chamber

MODEL	dB(A)
FDU224KXZE1	75
FDU280KXZE1	

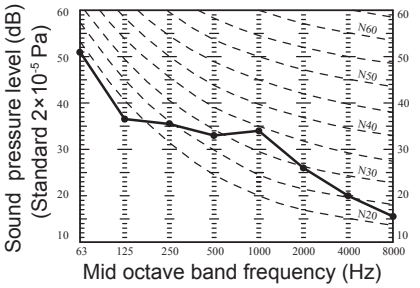
Note (1) Values are for external static pressure of 200Pa.

(6) Duct connected-Low/Middle static pressure type (FDUM)

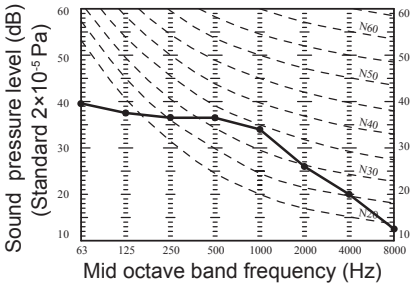


Measured based on JIS B 8616
Mike position as right

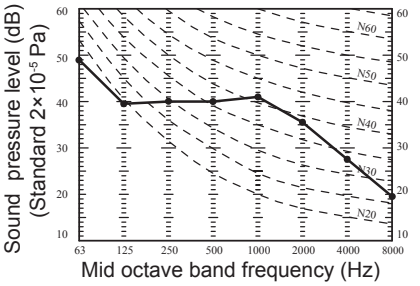
FDUM22,28,36,45,56KXE6F
Noise level 37 dB (A) at P-HIGH
32 dB (A) at HIGH
29 dB (A) at MEDIUM
26 dB (A) at LOW



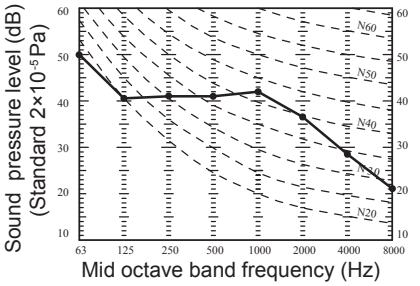
FDUM71,90KXE6F
Noise level 38 dB (A) at P-HIGH
33 dB (A) at HIGH
29 dB (A) at MEDIUM
25 dB (A) at LOW



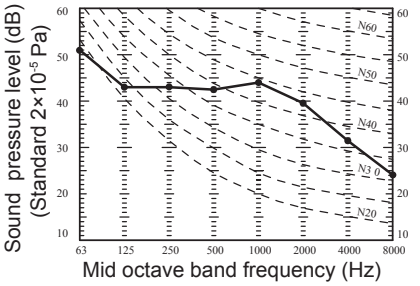
FDUM112KXE6F
Noise level 44 dB (A) at P-HIGH
38 dB (A) at HIGH
36 dB (A) at MEDIUM
30 dB (A) at LOW



FDUM140KXE6F
Noise level 45 dB (A) at P-HIGH
40 dB (A) at HIGH
34 dB (A) at MEDIUM
29 dB (A) at LOW

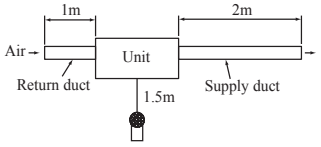


FDUM160KXE6F
Noise level 47 dB (A) at P-HIGH
40 dB (A) at HIGH
35 dB (A) at MEDIUM
30 dB (A) at LOW

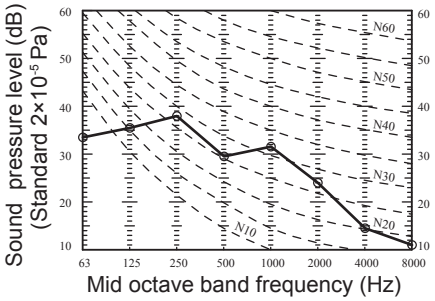


(7) Duct connected (thin)-Low static pressure type (FDUT)

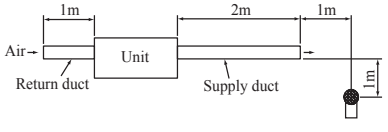
(a) Mike position : 1.5m bwlow the unit
Measured based on JIS B 8616 ANNEX3 (Duct setting)
Mike position as right



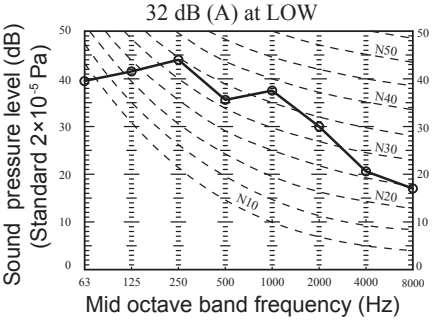
FDUT71KXE6F-E
Noise level 35 dB (A) at HIGH
31 dB (A) at MEDIUM
28 dB (A) at LOW



(b) Mike position : 1m in front and 1m below of the air supply duct
Measured based on JIS B 8616 ANNEX3 (Duct setting)
Mike position as right



FDUT71KXE6F-E
Noise level 41 dB (A) at HIGH
37 dB (A) at MEDIUM
32 dB (A) at LOW

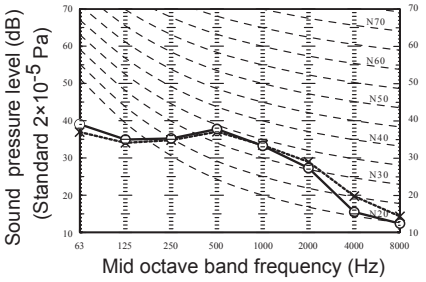


(8) Wall mounted type (FDK)

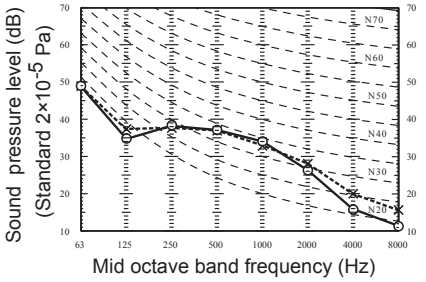
Measured based on JIS B 8616
Mike position as right



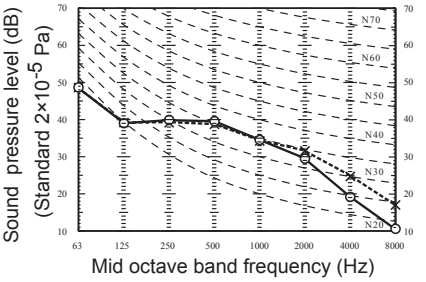
FDK15KXZE1
Noise level 38dB(A) at P-Hi



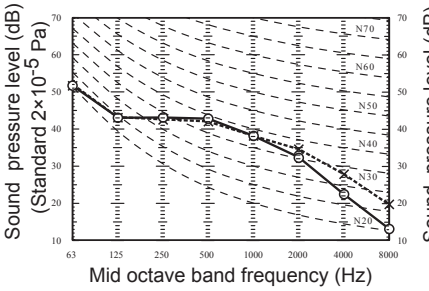
FDK22,28KXZE1
Noise level Cooling 38dB(A) at P-Hi
Heating 38dB(A)



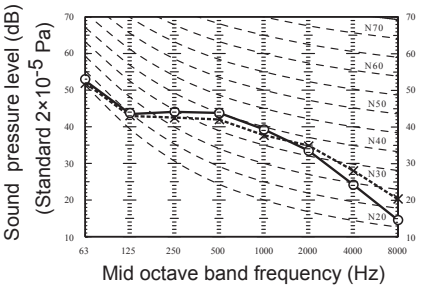
FDK36KXZE1
Noise level Cooling 40dB(A) at P-Hi
Heating 40dB(A)



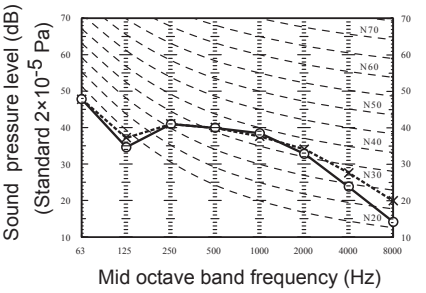
FDK45KXZE1
Noise level Cooling 43dB(A) at P-Hi
Heating 43dB(A)



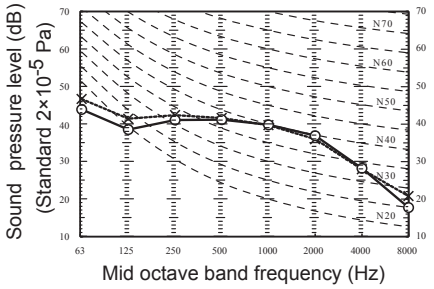
FDK56KXZE1
Noise level Cooling 43dB(A) at P-Hi
Heating 44dB(A)



FDK71KXZE1
Noise level Cooling 42dB(A) at P-Hi
Heating 42dB(A)

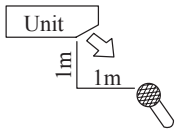


FDK90KXZE1
Noise level Cooling 44dB(A) at P-Hi
Heating 44dB(A)



(9) Ceiling suspended type (FDE)

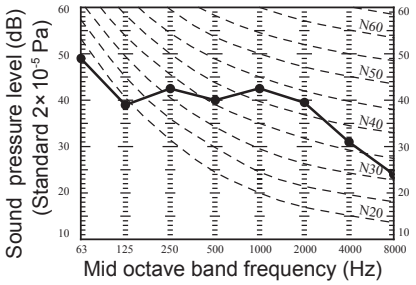
Measured based on JIS B 8616
Mike position as right



Mike (in front & below unit)

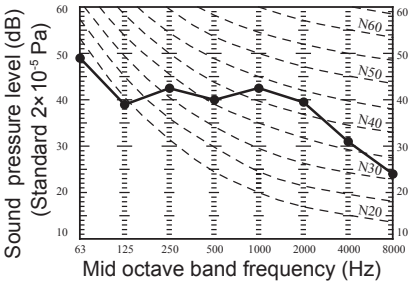
FDE36KXZE1

Noise level 46 dB (A) at P-HIGH
38 dB (A) at HIGH
31 dB (A) at MEDIUM
26 dB (A) at LOW



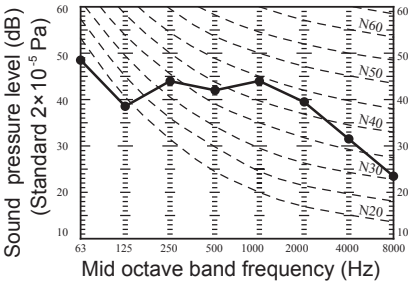
FDE45, 56KXZE1

Noise level 46 dB (A) at P-HIGH
38 dB (A) at HIGH
36 dB (A) at MEDIUM
31 dB (A) at LOW



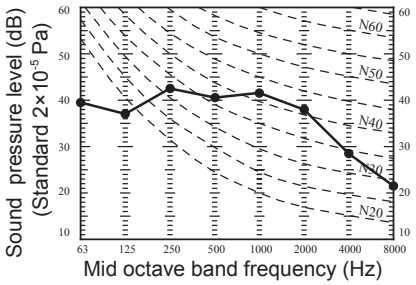
FDE71KXZE1

Noise level 47 dB (A) at P-HIGH
39 dB (A) at HIGH
37 dB (A) at MEDIUM
32 dB (A) at LOW



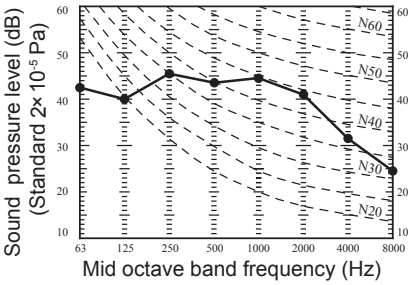
FDE112KXZE1

Noise level 45 dB (A) at P-HIGH
42 dB (A) at HIGH
38 dB (A) at MEDIUM
34 dB (A) at LOW



FDE140KXZE1

Noise level 48 dB (A) at P-HIGH
43 dB (A) at HIGH
40 dB (A) at MEDIUM
35 dB (A) at LOW

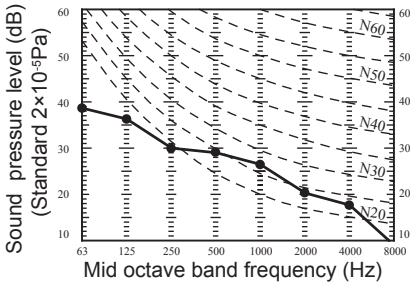


(10) Outdoor Air Processing unit (FDU-F)

Notes(1) Values are for external static pressure of 200Pa.

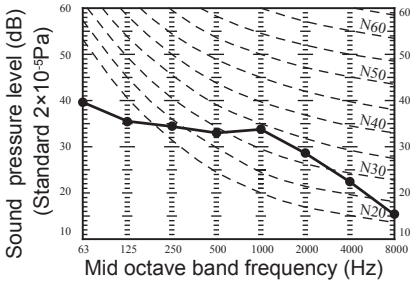
FDU650FKXZE1

Noise level 31dB (A) at High



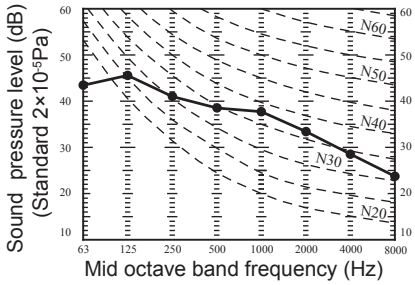
FDU1100FKXZE1

Noise level 37dB (A) at High



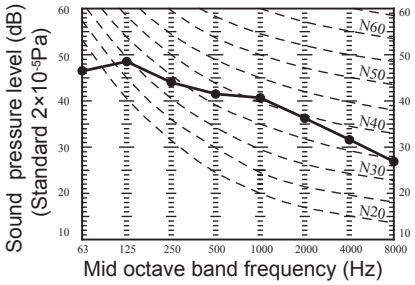
FDU1800FKXZE1

Noise level 42dB (A) at High



FDU2400FKXZE1

Noise level 45dB (A) at High



Power level

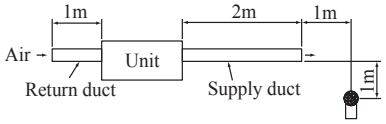
Measurement conditions : JIS B 8616
Measurement location : reverberation chamber

MODEL	dB(A)	MODEL	dB(A)
FDU650FKXZE1	55	FDU1800FKXZE1	68
FDU1100FKXZE1	62	FDU2400FKXZE1	70

Note (1) Values are for external static pressure of 200Pa.

Measured based on JIS B 8616

Mike position as below



5. CAPACITY TABLES

Caution: In case that the cooling operation during low outdoor air temperature below -5°C is expected, install the outdoor unit where it is not influenced by natural wind. Otherwise protection control by low pressure will be activated much more frequently and it will cause insufficient capacity or breakdown of the compressor in worst case.

(1) Ceiling cassette-4 way type (FDT)

Model **FDT28KXZE1** Cooling Mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21°C DB 14°C WB TC	21°C DB 14°C WB SHC	23°C DB 16°C WB TC	23°C DB 16°C WB SHC	26°C DB 18°C WB TC	26°C DB 18°C WB SHC	27°C DB 19°C WB TC	27°C DB 19°C WB SHC	28°C DB 20°C WB TC	28°C DB 20°C WB SHC	31°C DB 22°C WB TC	31°C DB 22°C WB SHC	33°C DB 24°C WB TC	33°C DB 24°C WB SHC
P-Hi	10			2.30	2.21	2.74	2.63	2.97	2.85	3.16	2.88	3.54	3.13	3.67	3.07
	12			2.30	2.21	2.74	2.63	2.97	2.85	3.15	2.87	3.52	3.12	3.66	3.06
	14			2.30	2.21	2.74	2.63	2.97	2.85	3.15	2.87	3.51	3.12	3.64	3.05
	16			2.30	2.21	2.74	2.63	2.97	2.85	3.14	2.86	3.50	3.12	3.63	3.05
	18			2.30	2.21	2.74	2.63	2.97	2.85	3.14	2.86	3.49	3.12	3.61	3.05
	20			2.30	2.21	2.74	2.63	2.97	2.85	3.14	2.86	3.47	3.11	3.59	3.04
	22			2.29	2.20	2.74	2.63	2.97	2.85	3.12	2.86	3.43	3.09	3.54	3.03
20 (m³/min)	24			2.29	2.20	2.74	2.63	2.97	2.85	3.11	2.86	3.39	3.08	3.50	3.01
	26			2.29	2.20	2.73	2.62	2.94	2.82	3.07	2.84	3.33	3.06	3.44	3.00
	28	2.07	1.99	2.28	2.19	2.72	2.61	2.91	2.79	3.03	2.83	3.28	3.04	3.39	2.99
	30	2.07	1.99	2.28	2.19	2.70	2.59	2.88	2.76	3.00	2.81	3.23	3.03	3.34	2.96
	32	2.07	1.99	2.27	2.18	2.67	2.56	2.86	2.75	2.96	2.80	3.18	3.01	3.29	2.95
	34	2.07	1.99	2.27	2.18	2.66	2.55	2.82	2.71	2.92	2.79	3.11	2.98	3.22	2.89
	35	2.07	1.99	2.26	2.17	2.66	2.55	2.80	2.69	2.89	2.77	3.08	2.96	3.18	2.88
	36	2.07	1.99	2.26	2.17	2.64	2.53	2.79	2.68	2.86	2.75	3.02	2.90	3.12	2.87
	38	2.07	1.99	2.25	2.16	2.60	2.50	2.76	2.65	2.81	2.70	2.91	2.79	3.00	2.84
	39	2.07	1.99	2.25	2.16	2.58	2.48	2.74	2.63	2.78	2.67	2.86	2.75	2.94	2.82
	41	2.07	1.99	2.24	2.15	2.50	2.40	2.63	2.52	2.66	2.55	2.73	2.62	2.80	2.69
	43	2.07	1.99	2.24	2.15	2.43	2.33	2.52	2.42	2.55	2.45	2.60	2.50	2.66	2.55

Heating Mode (kW)

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16°C DB	18°C DB	20°C DB	22°C DB	24°C DB
P-Hi	-19.8	-20	1.86	1.86	1.86	1.86	1.86
	-17.8	-18	1.98	1.98	1.98	1.98	1.98
	-15.7	-16	2.09	2.09	2.09	2.09	2.09
	-13.7	-14	2.21	2.21	2.21	2.21	2.21
	-11.7	-12	2.33	2.33	2.33	2.33	2.33
	-9.6	-10	2.45	2.45	2.45	2.45	2.45
	-7.5	-8	2.60	2.60	2.60	2.60	2.60
20 (m³/min)	-5.5	-6	2.75	2.75	2.75	2.75	2.75
	-3.4	-4	2.85	2.84	2.84	2.81	2.78
	-1.3	-2	2.94	2.94	2.93	2.87	2.82
	0.8	0	3.10	3.06	3.02	2.91	2.80
	3.9	3	3.37	3.25	3.13	2.95	2.78
	7.0	6	3.68	3.44	3.20	2.98	2.75
	10.1	9	3.66	3.42	3.19	2.96	2.73
	13.2	12	3.63	3.40	3.17	2.94	2.70
	16.9	15.5	3.60	3.37	3.14	2.91	2.68

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21°C DB 14°C WB TC	21°C DB 14°C WB SHC	23°C DB 16°C WB TC	23°C DB 16°C WB SHC	26°C DB 18°C WB TC	26°C DB 18°C WB SHC	27°C DB 19°C WB TC	27°C DB 19°C WB SHC	28°C DB 20°C WB TC	28°C DB 20°C WB SHC	31°C DB 22°C WB TC	31°C DB 22°C WB SHC	33°C DB 24°C WB TC	33°C DB 24°C WB SHC
Hi	10			2.18	2.09	2.61	2.51	2.82	2.68	3.00	2.70	3.36	2.94	3.49	2.88
	12			2.18	2.09	2.61	2.51	2.82	2.68	3.00	2.70	3.35	2.93	3.47	2.87
	14			2.18	2.09	2.61	2.51	2.82	2.68	2.99	2.69	3.34	2.92	3.46	2.87
	16			2.18	2.09	2.61	2.51	2.82	2.68	2.99	2.69	3.32	2.92	3.44	2.86
	18			2.18	2.09	2.61	2.51	2.82	2.68	2.98	2.69	3.31	2.91	3.43	2.86
	20			2.18	2.09	2.61	2.51	2.82	2.68	2.98	2.69	3.30	2.91	3.41	2.86
	22			2.18	2.09	2.61	2.51	2.82	2.68	2.97	2.69	3.26	2.90	3.37	2.83
14 (m³/min)	24			2.17	2.08	2.60	2.50	2.82	2.68	2.95	2.68	3.22	2.89	3.32	2.82
	26			2.17	2.08	2.59	2.49	2.79	2.66	2.92	2.67	3.17	2.87	3.27	2.81
	28	1.97	1.89	2.17	2.08	2.58	2.48	2.77	2.66	2.88	2.66	3.11	2.85	3.22	2.77
	30	1.97	1.89	2.17	2.08	2.56	2.46	2.74	2.63	2.85	2.64	3.07	2.84	3.17	2.76
	32	1.97	1.89	2.16	2.07	2.54	2.44	2.71	2.60	2.82	2.63	3.02	2.80	3.12	2.74
	34	1.97	1.89	2.15	2.06	2.53	2.43	2.68	2.57	2.77	2.62	2.96	2.78	3.06	2.73
	35	1.97	1.89	2.15	2.06	2.53	2.43	2.66	2.55	2.75	2.61	2.92	2.77	3.03	2.72
	36	1.97	1.89	2.15	2.06	2.51	2.41	2.65	2.54	2.72	2.60	2.87	2.76	2.97	2.71
	38	1.97	1.89	2.14	2.05	2.47	2.37	2.62	2.52	2.67	2.56	2.77	2.66	2.85	2.67
	39	1.97	1.89	2.14	2.05	2.45	2.35	2.61	2.51	2.64	2.53	2.71	2.60	2.79	2.66
	41	1.97	1.89	2.13	2.04	2.38	2.28	2.50	2.40	2.53	2.43	2.59	2.49	2.66	2.55
	43	1.97	1.89	2.12	2.04	2.30	2.21	2.39	2.29	2.42	2.32	2.47	2.37	2.53	2.43

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16°C DB	18°C DB	20°C DB	22°C DB	24°C DB
Hi	-19.8	-20	1.76	1.76	1.76	1.76	1.76
	-17.8	-18	1.87	1.87	1.87	1.87	1.87
	-15.7	-16	1.98	1.98	1.98	1.98	1.98
	-13.7	-14	2.10	2.10	2.10	2.10	2.10
	-11.7	-12	2.21	2.21	2.21	2.21	2.21
	-9.6	-10	2.32	2.32	2.32	2.32	2.32
	-7.5	-8	2.46	2.46	2.46	2.46	2.46
14 (m³/min)	-5.5	-6	2.61	2.61	2.61	2.61	2.61
	-3.4	-4	2.70	2.69	2.69	2.66	2.64
	-1.3	-2	2.79	2.78	2.77	2.72	2.67
	0.8	0	2.94	2.90	2.86	2.75	2.65
	3.9	3	3.19	3.08	2.96	2.80	2.63
	7.0	6	3.48	3.26	3.03	2.82	2.61
	10.1	9	3.46	3.24	3.02	2.80	2.58
	13.2	12	3.44	3.22	3.00	2.78	2.56
	16.9	15.5	3.41	3.19	2.97	2.75	2.53

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21°C DB 14°C WB TC	21°C DB 14°C WB SHC	23°C DB 16°C WB TC	23°C DB 16°C WB SHC	26°C DB 18°C WB TC	26°C DB 18°C WB SHC	27°C DB 19°C WB TC	27°C DB 19°C WB SHC	28°C DB 20°C WB TC	28°C DB 20°C WB SHC	31°C DB 22°C WB TC	31°C DB 22°C WB SHC	33°C DB 24°C WB TC	33°C DB 24°C WB SHC
Me	10			2.02	1.94	2.41	2.31	2.61	2.42	2.77	2.43	3.11	2.64	3.23	2.59
	12			2.02	1.94	2.41	2.31	2.61	2.42	2.77	2.43	3.10	2.64	3.21	2.59
	14			2.02	1.94	2.41	2.31	2.61	2.42	2.77	2.43	3.09	2.64	3.20	2.58
	16			2.02	1.94	2.41	2.31	2.61	2.42	2.76	2.43	3.07	2.63	3.18	2.58
	18			2.02	1.94	2.41	2.31	2.61	2.42	2.76	2.43	3.06	2.63	3.17	2.58
	20			2.02	1.94	2.41	2.31	2.61	2.42	2.76	2.43	3.05	2.62	3.16	2.57
	22			2.01	1.93	2.41	2.31	2.61	2.42	2.74	2.42	3.01	2.61	3.11	2.56
12 (m³/min)	24			2.01	1.93	2.41	2.31	2.61	2.42	2.73	2.42	2.97	2.60	3.07	2.55
	26			2.01	1.93	2.40	2.30	2.58	2.41	2.70	2.41	2.93	2.59	3.02	2.54
	28	1.82	1.75	2.01	1.93	2.39	2.29	2.56	2.40	2.67	2.40	2.88	2.58	2.98	2.53
	30	1.82	1.75	2.00	1.92	2.37	2.28	2.53	2.39	2.63	2.39	2.84	2.56	2.93	2.51
	32	1.82	1.75	2.00	1.92	2.35	2.26	2.51	2.38	2.60	2.38	2.79	2.54	2.89	2.49
	34	1.82	1.75	1.99	1.91	2.34	2.25	2.48	2.37	2.56	2.36	2.73	2.52	2.83	2.48
	35	1.82	1.75	1.99	1.91	2.34	2.25	2.46	2.36	2.54	2.36	2.70	2.52	2.80	2.47
	36	1.82	1.75	1.99	1.91	2.32	2.23	2.45	2.35	2.52	2.35	2.66	2.50	2.74	2.45
	38	1.82	1.75	1.98	1.90	2.28	2.19	2.42	2.32	2.47	2.33	2.56	2.46	2.64	2.42
	39	1.82	1.75	1.98	1.90	2.27	2.18	2.41	2.31	2.44	2.32	2.51	2.41	2.58	2.41
	41	1.82	1.75	1.97	1.89	2.20	2.11	2.31	2.22	2.34	2.25	2.40	2.30	2.46	2.36
	43	1.82	1.75	1.96	1.88	2.13	2.04	2.21	2.12	2.24	2.15	2.29	2.20	2.34	2.25

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16°C DB	18°C DB	20°C DB	22°C DB	24°C DB
Me	-19.8	-20	1.61	1.61	1.61	1.61	1.61
	-17.8	-18	1.71	1.71	1.71	1.71	1.71
	-15.7	-16	1.81	1.81	1.81	1.81	1.81
	-13.7	-14	1.92	1.92	1.92	1.92	1.92
	-11.7	-12	2.02	2.02	2.02	2.02	2.02
	-9.6	-10	2.12	2.12	2.12	2.12	2.12
	-7.5	-8	2.25	2.25	2.25	2.25	2.25
12 (m³/min)	-5.5	-6	2.38	2.38	2.38	2.38	2.38
	-3.4	-4	2.47	2.46	2.46	2.43	2.41
	-1.3	-2	2.55	2.54	2.53	2.49	2.44
	0.8	0	2.69	2.65	2.61	2.52	2.42
	3.9	3	2.92	2.81	2.71	2.56	2.40
	7.0	6	3.19	2.98	2.77	2.58	2.38
	10.1	9	3.16	2.96	2.76	2.56	2.36
	13.2	12	3.14	2.94	2.74	2.54	2.34
	16.9	15.5	3.12	2.92	2.72	2.52	2.32

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21°C DB 14°C WB TC	21°C DB 14°C WB SHC	23°C DB 16°C WB TC	23°C DB 16°C WB SHC	26°C DB 18°C WB TC	26°C DB 18°C WB SHC	27°C DB 19°C WB TC	27°C DB 19°C WB SHC	28°C DB 20°C WB TC	28°C DB 20°C WB SHC	31°C DB 22°C WB TC	31°C DB 22°C WB SHC	33°C DB 24°C WB TC	33°C DB 24°C WB SHC
Lo	10			1.79	1.72	2.14	2.05	2.31	2.10	2.46	2.12	2.75	2.29	2.86	2.25
	12			1.79	1.72	2.14	2.05	2.31	2.10	2.46	2.12	2.74	2.29	2.85	2.25
	14			1.79	1.72	2.14	2.05	2.31	2.10	2.45	2.11	2.73	2.29	2.83	2.24
	16			1.79	1.72	2.14	2.05	2.31	2.10	2.45	2.11	2.72	2.29	2.82	2.24
	18			1.79	1.72	2.14	2.05	2.31	2.10	2.45	2.11	2.71	2.28	2.81	2.24
	20			1.79	1.72	2.14	2.05	2.31	2.10	2.44	2.11	2.70	2.28	2.80	2.24
	22			1.78	1.71	2.14	2.05	2.31	2.10	2.43	2.11	2.67	2.27	2.76	2.22
10 (m³/min)	24			1.78	1.71	2.13	2.04	2.31	2.10	2.42	2.10	2.64	2.26	2.72	2.21
	26			1.78	1.71	2.12	2.04	2.29	2.09	2.39	2.09	2.59	2.24	2.68	2.20
	28	1.61	1.55	1.78	1.71	2.11	2.03	2.27	2.08	2.36	2.08	2.55	2.23	2.64	2.19
	30	1.61	1.55	1.77	1.70	2.10	2.02	2.25	2.07	2.33	2.07	2.51	2.22	2.60	2.17
	32	1.61	1.55	1.77	1.70	2.08	2.00	2.22	2.06	2.31	2.06	2.47	2.20	2.56	2.16
	34	1.61	1.55	1.76	1.69	2.07	1.99	2.19	2.05	2.27	2.05	2.42	2.19	2.51	2.15
	35	1.61	1.55	1.76	1.69	2.07	1.99	2.18	2.05	2.25	2.04	2.40	2.18	2.48	2.14
	36	1.61	1.55	1.76	1.69	2.06	1.98	2.17	2.05	2.23	2.04	2.35	2.16	2.43	2.12
	38	1.61	1.55	1.75	1.68	2.02	1.94	2.15	2.04	2.19	2.02	2.27	2.13	2.34	2.09
	39	1.61	1.55	1.75	1.68	2.01	1.93	2.14	2.03	2.17	2.01	2.22	2.12	2.29	2.08
	41	1.61	1.55	1.75	1.68	1.95	1.87	2.05	1.97	2.07	1.98	2.13	2.04	2.18	2.04
	43	1.61	1.55	1.74	1.67	1.89	1.81	1.96	1.88	1.98	1.90	2.03	1.95	2.07	1.99

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16°C DB	18°C DB	20°C DB	22°C DB	24°C DB
Lo	-19.8	-20	1.50	1.50	1.50	1.50	1.50
	-17.8	-18	1.60	1.60	1.60	1.60	1.60
	-15.7	-16	1.70	1.70	1.70	1.70	1.70
	-13.7	-14	1.79	1.79	1.79	1.79	1.79
	-11.7	-12	1.89	1.89	1.89	1.89	1.89
	-9.6	-10	1.99	1.99	1.99	1.99	1.99
	-7.5	-8	2.11	2.11	2.11	2.11	2.11
10 (m³/min)	-5.5	-6	2.23	2.23	2.23	2.23	2.23
	-3.4	-4	2.31	2.30	2.30	2.28	2.25
	-1.3	-2	2.38	2.38	2.37	2.32	2.28
	0.8	0	2.51	2.48	2.44	2.35	2.27
	3.9	3	2.73	2.63	2.53	2.39	2.25
	7.0	6	2.98	2.78	2.59	2.41	2.23
	10.1	9	2.96	2.77	2.58	2.39	2.21
	13.2	12	2.94	2.75	2.56	2.38	2.19
	16.9	15.5	2.92	2.73	2.54	2.35	2.17

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Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

Model **FDT36KXZE1** Cooling Mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			2.95	2.83	3.53	3.39	3.82	3.60	4.06	3.63	4.55	3.93	4.72	3.85
	12			2.95	2.83	3.53	3.39	3.82	3.60	4.05	3.62	4.53	3.92	4.70	3.85
	14			2.95	2.83	3.53	3.39	3.82	3.60	4.05	3.62	4.51	3.91	4.68	3.84
	16			2.95	2.83	3.53	3.39	3.82	3.60	4.04	3.61	4.50	3.91	4.66	3.84
	18			2.95	2.83	3.53	3.39	3.82	3.60	4.04	3.61	4.48	3.91	4.64	3.83
P-Hi	20			2.95	2.83	3.53	3.39	3.82	3.60	4.03	3.61	4.47	3.90	4.62	3.83
	22			2.95	2.83	3.53	3.39	3.82	3.60	4.01	3.60	4.41	3.89	4.56	3.81
20	24			2.94	2.82	3.52	3.38	3.82	3.60	3.99	3.59	4.35	3.87	4.49	3.78
(m³/min)	26			2.94	2.82	3.51	3.37	3.78	3.58	3.95	3.58	4.28	3.85	4.43	3.77
	28	2.66	2.55	2.94	2.82	3.49	3.35	3.74	3.56	3.90	3.57	4.22	3.82	4.36	3.75
	30	2.66	2.55	2.93	2.81	3.47	3.33	3.71	3.55	3.86	3.55	4.15	3.80	4.29	3.73
	32	2.66	2.55	2.92	2.80	3.44	3.30	3.67	3.52	3.81	3.53	4.09	3.79	4.23	3.71
	34	2.66	2.55	2.91	2.79	3.43	3.29	3.62	3.48	3.75	3.51	4.00	3.75	4.14	3.68
	35	2.66	2.55	2.91	2.79	3.42	3.28	3.60	3.46	3.72	3.50	3.96	3.74	4.09	3.67
	36	2.66	2.55	2.91	2.79	3.39	3.25	3.58	3.44	3.68	3.49	3.89	3.72	4.02	3.64
	38	2.66	2.55	2.90	2.78	3.34	3.21	3.55	3.41	3.61	3.46	3.74	3.59	3.86	3.60
	39	2.66	2.55	2.89	2.77	3.32	3.19	3.53	3.39	3.58	3.44	3.67	3.52	3.78	3.58
	41	2.66	2.55	2.88	2.76	3.22	3.09	3.38	3.24	3.43	3.29	3.51	3.37	3.60	3.46
	43	2.66	2.55	2.87	2.76	3.12	3.00	3.24	3.11	3.28	3.15	3.35	3.22	3.42	3.28

Heating Mode (kW)

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.32	2.32	2.32	2.32	2.32
	-17.8	-18	2.47	2.47	2.47	2.47	2.47
	-15.7	-16	2.62	2.62	2.62	2.62	2.62
	-13.7	-14	2.77	2.77	2.77	2.77	2.77
	-11.7	-12	2.92	2.92	2.92	2.92	2.92
P-Hi	-9.6	-10	3.07	3.07	3.07	3.07	3.07
	-7.5	-8	3.25	3.25	3.25	3.25	3.25
20	-5.5	-6	3.44	3.44	3.44	3.44	3.44
(m³/min)	-3.4	-4	3.56	3.56	3.55	3.52	3.48
	-1.3	-2	3.68	3.67	3.66	3.59	3.52
	0.8	0	3.88	3.83	3.77	3.64	3.50
	3.9	3	4.21	4.06	3.91	3.69	3.47
	7.0	6	4.60	4.30	4.00	3.72	3.44
	10.1	9	4.57	4.28	3.99	3.70	3.41
	13.2	12	4.54	4.25	3.96	3.67	3.38
	16.9	15.5	4.51	4.22	3.93	3.64	3.35

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			2.75	2.64	3.29	3.08	3.56	3.12	3.79	3.14	4.24	3.42	4.41	3.35
	12			2.75	2.64	3.29	3.08	3.56	3.12	3.78	3.14	4.23	3.41	4.39	3.34
	14			2.75	2.64	3.29	3.08	3.56	3.12	3.78	3.14	4.21	3.41	4.37	3.34
	16			2.75	2.64	3.29	3.08	3.56	3.12	3.77	3.14	4.20	3.40	4.35	3.33
	18			2.75	2.64	3.29	3.08	3.56	3.12	3.77	3.14	4.18	3.40	4.33	3.33
Hi	20			2.75	2.64	3.29	3.08	3.56	3.12	3.76	3.13	4.17	3.39	4.31	3.32
	22			2.75	2.64	3.29	3.08	3.56	3.12	3.75	3.13	4.12	3.38	4.25	3.30
14	24			2.75	2.64	3.29	3.08	3.56	3.12	3.73	3.12	4.06	3.36	4.19	3.28
(m³/min)	26			2.74	2.63	3.27	3.07	3.53	3.11	3.68	3.11	4.00	3.33	4.13	3.26
	28	2.49	2.39	2.74	2.63	3.26	3.07	3.49	3.10	3.64	3.09	3.93	3.31	4.07	3.25
	30	2.49	2.39	2.74	2.63	3.23	3.05	3.46	3.09	3.60	3.08	3.87	3.30	4.00	3.22
	32	2.49	2.39	2.73	2.62	3.21	3.04	3.43	3.08	3.56	3.07	3.81	3.27	3.94	3.20
	34	2.49	2.39	2.72	2.61	3.20	3.04	3.38	3.06	3.50	3.05	3.73	3.24	3.86	3.18
	35	2.49	2.39	2.71	2.60	3.19	3.03	3.36	3.05	3.47	3.04	3.69	3.23	3.82	3.17
	36	2.49	2.39	2.71	2.60	3.17	3.03	3.34	3.04	3.44	3.03	3.63	3.21	3.75	3.14
	38	2.49	2.39	2.70	2.59	3.12	3.00	3.31	3.03	3.37	3.00	3.49	3.16	3.60	3.10
	39	2.49	2.39	2.70	2.59	3.10	2.98	3.29	3.02	3.34	2.99	3.43	3.15	3.52	3.05
	41	2.49	2.39	2.69	2.58	3.00	2.88	3.16	2.97	3.20	2.94	3.28	3.08	3.36	3.01
	43	2.49	2.39	2.68	2.57	2.91	2.79	3.02	2.90	3.06	2.89	3.12	3.00	3.19	2.96

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.19	2.19	2.19	2.19	2.19
	-17.8	-18	2.33	2.33	2.33	2.33	2.33
	-15.7	-16	2.47	2.47	2.47	2.47	2.47
	-13.7	-14	2.62	2.62	2.62	2.62	2.62
	-11.7	-12	2.76	2.76	2.76	2.76	2.76
Hi	-9.6	-10	2.90	2.90	2.90	2.90	2.90
	-7.5	-8	3.07	3.07	3.07	3.07	3.07
14	-5.5	-6	3.25	3.25	3.25	3.25	3.25
(m³/min)	-3.4	-4	3.36	3.36	3.35	3.32	3.29
	-1.3	-2	3.48	3.47	3.46	3.39	3.33
	0.8	0	3.67	3.61	3.56	3.44	3.31
	3.9	3	3.98	3.84	3.69	3.49	3.28
	7.0	6	4.35	4.06	3.78	3.52	3.25
	10.1	9	4.32	4.04	3.77	3.49	3.22
	13.2	12	4.29	4.02	3.74	3.47	3.19
	16.9	15.5	4.26	3.98	3.71	3.44	3.16

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			2.50	2.40	2.99	2.72	3.23	2.76	3.44	2.79	3.85	3.03	4.00	2.97
	12			2.50	2.40	2.99	2.72	3.23	2.76	3.44	2.79	3.84	3.02	3.98	2.95
	14			2.50	2.40	2.99	2.72	3.23	2.76	3.43	2.79	3.83	3.02	3.97	2.95
	16			2.50	2.40	2.99	2.72	3.23	2.76	3.43	2.79	3.81	3.01	3.95	2.94
	18			2.50	2.40	2.99	2.72	3.23	2.76	3.42	2.79	3.80	3.01	3.93	2.94
Me	20			2.50	2.40	2.99	2.72	3.23	2.76	3.42	2.79	3.78	3.00	3.91	2.93
	22			2.50	2.40	2.99	2.72	3.23	2.76	3.40	2.77	3.74	2.99	3.86	2.92
12	24			2.49	2.39	2.99	2.72	3.23	2.76	3.38	2.77	3.69	2.97	3.81	2.90
(m³/min)	26			2.49	2.39	2.97	2.71	3.20	2.75	3.34	2.75	3.63	2.95	3.75	2.88
	28	2.26	2.17	2.49	2.39	2.96	2.71	3.17	2.74	3.31	2.74	3.57	2.93	3.69	2.86
	30	2.26	2.17	2.48	2.38	2.94	2.70	3.14	2.73	3.27	2.73	3.52	2.91	3.64	2.85
	32	2.26	2.17	2.48	2.38	2.91	2.69	3.11	2.72	3.23	2.72	3.46	2.89	3.58	2.83
	34	2.26	2.17	2.47	2.37	2.90	2.69	3.07	2.70	3.18	2.69	3.39	2.87	3.51	2.81
	35	2.26	2.17	2.46	2.36	2.90	2.69	3.05	2.70	3.15	2.68	3.35	2.85	3.47	2.79
	36	2.26	2.17	2.46	2.36	2.88	2.67	3.03	2.69	3.12	2.67	3.29	2.83	3.40	2.75
	38	2.26	2.17	2.46	2.36	2.83	2.66	3.00	2.68	3.06	2.65	3.17	2.77	3.27	2.72
	39	2.26	2.17	2.45	2.35	2.81	2.65	2.99	2.67	3.03	2.64	3.11	2.76	3.20	2.70
	41	2.26	2.17	2.44	2.34	2.73	2.62	2.87	2.63	2.90	2.59	2.97	2.71	3.05	2.66
	43	2.26	2.17	2.43	2.33	2.64	2.53	2.75	2.59	2.78	2.55	2.84	2.68	2.90	2.61

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	1.97	1.97	1.97	1.97	1.97
	-17.8	-18	2.10	2.10	2.10	2.10	2.10
	-15.7	-16	2.23	2.23	2.23	2.23	2.23
	-13.7	-14	2.35	2.35	2.35	2.35	2.35
	-11.7	-12	2.48	2.48	2.48	2.48	2.48
Me	-9.6	-10	2.61	2.61	2.61	2.61	2.61
	-7.5	-8	2.77	2.77	2.77	2.77	2.77
12	-5.5	-6	2.92	2.92	2.92	2.92	2.92
(m³/min)	-3.4	-4	3.03	3.02	3.02	2.99	2.96
	-1.3	-2	3.13	3.12	3.11	3.05	2.99
	0.8	0	3.30	3.25	3.20	3.09	2.98
	3.9	3	3.58	3.45	3.32	3.14	2.95
	7.0	6	3.91	3.66	3.40	3.16	2.92
	10.1	9	3.88	3.64	3.39	3.14	2.90
	13.2	12	3.86	3.61	3.37	3.12	2.87
	16.9	15.5	3.83	3.58	3.34	3.09	2.84

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			2.21	2.09	2.65	2.36	2.86	2.40	3.04	2.42	3.41	2.63	3.54	2.57
	12			2.21	2.09	2.65	2.36	2.86	2.40	3.04	2.42	3.40	2.62	3.53	2.56
	14			2.21	2.09	2.65	2.36	2.86	2.40	3.04	2.42	3.39	2.62	3.51	2.56
	16			2.21	2.09	2.65	2.36	2.86	2.40	3.03	2.41	3.37	2.61	3.50	2.55
	18			2.21	2.09	2.65	2.36	2.86	2.40	3.03	2.41	3.36	2.61	3.48	2.55
Lo	20			2.21	2.09	2.65	2.36	2.86	2.40	3.02	2.41	3.35	2.60	3.47	2.55
	22			2.21	2.09	2.64	2.36	2.86	2.40	3.01	2.41	3.31	2.59	3.42	2.51
10	24			2.21	2.09	2.64	2.36	2.86	2.40	3.00	2.41	3.26	2.57	3.37	2.50
(m³/min)	26			2.21	2.09	2.63	2.35	2.84	2.39	2.96	2.39	3.21	2.54	3.32	2.48
	28	2.00	1.92	2.20	2.08	2.62	2.35	2.81	2.38	2.93	2.38	3.16	2.53	3.27	2.47
	30	2.00	1.92	2.20	2.08	2.60	2.34	2.78	2.37	2.89	2.36	3.11	2.51	3.22	2.46
	32	2.00	1.92	2.19	2.08	2.58	2.33	2.75	2.36	2.86	2.35	3.07	2.50	3.17	2.44
	34	2.00	1.92	2.19	2.08	2.57	2.33	2.72	2.34	2.81	2.33	3.00	2.47	3.10	2.42
	35	2.00	1.92	2.18	2.08	2.57	2.33	2.70	2.34	2.79	2.33	2.97	2.47	3.07	2.41
	36	2.00	1.92	2.18	2.08	2.55	2.32	2.69	2.33	2.76	2.32	2.91	2.45	3.01	2.40
	38	2.00	1.92	2.17	2.07	2.51	2.30	2.66	2.32	2.71	2.30	2.81	2.42	2.89	2.36
	39	2.00	1.92	2.17	2.07	2.49	2.30	2.65	2.31	2.68	2.29	2.75	2.40	2.83	2.35
	41	2.00	1.92	2.16	2.07	2.41	2.26	2.54	2.28	2.57	2.25	2.63	2.35	2.70	2.30
	43	2.00	1.92	2.16	2.07	2.34	2.23	2.43	2.22	2.46	2.19	2.51	2.32	2.57	2.27

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	1.87	1.87	1.87	1.87	1.87
	-17.8	-18	1.99	1.99	1.99	1.99	1.99
	-15.7	-16	2.11	2.11	2.11	2.11	2.11
	-13.7	-14	2.23	2.23	2.23	2.23	2.23
	-11.7	-12	2.35	2.35	2.35	2.35	2.35
Lo	-9.6	-10	2.47	2.47	2.47	2.47	2.47
	-7.5	-8	2.62	2.62	2.62	2.62	2.62
10	-5.5	-6	2.77	2.77	2.77	2.77	2.77
(m³/min)	-3.4	-4	2.87	2.86	2.86	2.83	2.80
	-1.3	-2	2.96	2.95	2.95	2.89	2.83
	0.8	0	3.12	3.08	3.03	2.93	2.82
	3.9	3	3.39	3.27	3.15	2.97	2.79
	7.0	6	3.70	3.46	3.22	2.99	2.77
	10.1	9	3.68	3.44	3.21	2.98	2.75
	13.2	12	3.65	3.42	3.19	2.95	2.72
	16.9	15.5	3.63	3.39	3.16	2.93	2.69

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJF000Z452 A

Model **FDT45KXZE1** Cooling Mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			3.69	3.54	4.41	3.99	4.77	4.08	5.07	4.12	5.68	4.45	5.90	4.37
	12			3.69	3.54	4.41	3.99	4.77	4.08	5.07	4.12	5.66	4.45	5.88	4.36
	14			3.69	3.54	4.41	3.99	4.77	4.08	5.06	4.11	5.64	4.44	5.85	4.35
	16			3.69	3.54	4.41	3.99	4.77	4.08	5.05	4.11	5.62	4.44	5.83	4.35
	18			3.69	3.54	4.41	3.99	4.77	4.08	5.05	4.11	5.60	4.43	5.80	4.33
P-Hi	20			3.69	3.54	4.41	3.99	4.77	4.08	5.04	4.10	5.58	4.42	5.78	4.32
	22			3.68	3.53	4.41	3.99	4.77	4.08	5.02	4.09	5.51	4.40	5.70	4.30
20	24			3.68	3.53	4.41	3.99	4.77	4.08	4.99	4.08	5.44	4.37	5.62	4.28
(m³/min)	26			3.68	3.53	4.39	3.99	4.73	4.03	4.93	4.06	5.35	4.35	5.53	4.25
	28	3.33	3.20	3.67	3.52	4.37	3.98	4.68	4.02	4.88	4.05	5.27	4.31	5.44	4.22
	30	3.33	3.20	3.66	3.51	4.33	3.97	4.64	4.00	4.82	3.99	5.19	4.29	5.36	4.19
	32	3.33	3.20	3.65	3.50	4.30	3.96	4.59	3.99	4.76	3.97	5.11	4.27	5.28	4.17
	34	3.33	3.20	3.64	3.49	4.28	3.95	4.53	3.97	4.69	3.95	5.00	4.22	5.17	4.13
	35	3.33	3.20	3.64	3.49	4.28	3.95	4.50	3.96	4.65	3.94	4.95	4.21	5.12	4.12
	36	3.33	3.20	3.63	3.48	4.24	3.94	4.48	3.95	4.60	3.92	4.86	4.17	5.02	4.09
	38	3.33	3.20	3.62	3.48	4.18	3.92	4.43	3.93	4.52	3.90	4.68	4.12	4.82	4.03
	39	3.33	3.20	3.62	3.48	4.15	3.90	4.41	3.93	4.47	3.88	4.59	4.08	4.72	4.00
	41	3.33	3.20	3.61	3.47	4.02	3.85	4.23	3.87	4.28	3.82	4.39	4.02	4.50	3.93
	43	3.33	3.20	3.59	3.45	3.90	3.74	4.05	3.80	4.09	3.75	4.18	3.94	4.28	3.86

Heating Mode (kW)

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.90	2.90	2.90	2.90	2.90
	-17.8	-18	3.09	3.09	3.09	3.09	3.09
	-15.7	-16	3.27	3.27	3.27	3.27	3.27
	-13.7	-14	3.46	3.46	3.46	3.46	3.46
	-11.7	-12	3.65	3.65	3.65	3.65	3.65
P-Hi	-9.6	-10	3.83	3.83	3.83	3.83	3.83
	-7.5	-8	4.07	4.07	4.07	4.07	4.07
20	-5.5	-6	4.30	4.30	4.30	4.30	4.30
(m³/min)	-3.4	-4	4.45	4.44	4.44	4.39	4.35
	-1.3	-2	4.60	4.59	4.58	4.49	4.40
	0.8	0	4.85	4.78	4.71	4.54	4.38
	3.9	3	5.26	5.08	4.89	4.61	4.34
	7.0	6	5.75	5.38	5.00	4.65	4.30
	10.1	9	5.71	5.35	4.98	4.62	4.26
	13.2	12	5.68	5.31	4.95	4.59	4.23
	16.9	15.5	5.63	5.27	4.91	4.54	4.18

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			3.44	3.13	4.12	3.53	4.45	3.60	4.74	3.64	5.31	3.93	5.51	3.85
	12			3.44	3.13	4.12	3.53	4.45	3.60	4.73	3.63	5.29	3.93	5.49	3.84
	14			3.44	3.13	4.12	3.53	4.45	3.60	4.72	3.63	5.27	3.92	5.46	3.83
	16			3.44	3.13	4.12	3.53	4.45	3.60	4.72	3.63	5.25	3.91	5.44	3.83
	18			3.44	3.13	4.12	3.53	4.45	3.60	4.71	3.62	5.23	3.91	5.41	3.81
Hi	20			3.44	3.13	4.12	3.53	4.45	3.60	4.70	3.62	5.21	3.90	5.39	3.80
	22			3.44	3.13	4.11	3.52	4.45	3.60	4.68	3.61	5.14	3.87	5.32	3.78
15	24			3.43	3.12	4.11	3.52	4.45	3.60	4.66	3.60	5.08	3.85	5.24	3.76
(m³/min)	26			3.43	3.12	4.09	3.50	4.41	3.57	4.61	3.59	5.00	3.83	5.16	3.73
	28	3.11	2.99	3.43	3.12	4.07	3.49	4.37	3.56	4.55	3.57	4.92	3.79	5.08	3.71
	30	3.11	2.99	3.42	3.12	4.04	3.48	4.33	3.55	4.50	3.54	4.84	3.77	5.01	3.68
	32	3.11	2.99	3.41	3.11	4.01	3.47	4.28	3.53	4.45	3.52	4.77	3.75	4.93	3.65
	34	3.11	2.99	3.40	3.11	4.00	3.47	4.23	3.51	4.37	3.50	4.67	3.71	4.83	3.63
	35	3.11	2.99	3.39	3.11	3.99	3.47	4.20	3.48	4.34	3.49	4.62	3.69	4.78	3.60
	36	3.11	2.99	3.39	3.11	3.96	3.45	4.18	3.47	4.30	3.45	4.53	3.66	4.68	3.58
	38	3.11	2.99	3.38	3.10	3.90	3.43	4.14	3.46	4.21	3.42	4.37	3.61	4.50	3.52
	39	3.11	2.99	3.38	3.10	3.87	3.42	4.12	3.45	4.17	3.40	4.29	3.57	4.41	3.49
	41	3.11	2.99	3.36	3.09	3.75	3.38	3.95	3.39	4.00	3.35	4.09	3.51	4.20	3.43
	43	3.11	2.99	3.35	3.09	3.64	3.34	3.78	3.33	3.82	3.29	3.90	3.45	3.99	3.36

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.74	2.74	2.74	2.74	2.74
	-17.8	-18	2.92	2.92	2.92	2.92	2.92
	-15.7	-16	3.10	3.10	3.10	3.10	3.10
	-13.7	-14	3.27	3.27	3.27	3.27	3.27
	-11.7	-12	3.45	3.45	3.45	3.45	3.45
Hi	-9.6	-10	3.63	3.63	3.63	3.63	3.63
	-7.5	-8	3.85	3.85	3.85	3.85	3.85
15	-5.5	-6	4.07	4.07	4.07	4.07	4.07
(m³/min)	-3.4	-4	4.21	4.20	4.20	4.16	4.12
	-1.3	-2	4.35	4.34	4.33	4.25	4.16
	0.8	0	4.59	4.52	4.46	4.30	4.14
	3.9	3	4.98	4.80	4.62	4.36	4.10
	7.0	6	5.44	5.08	4.73	4.40	4.07
	10.1	9	5.40	5.06	4.71	4.37	4.03
	13.2	12	5.37	5.03	4.68	4.34	4.00
	16.9	15.5	5.33	4.98	4.64	4.30	3.96

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			3.17	2.82	3.79	3.19	4.10	3.25	4.36	3.28	4.89	3.56	5.08	3.48
	12			3.17	2.82	3.79	3.19	4.10	3.25	4.36	3.28	4.87	3.55	5.05	3.46
	14			3.17	2.82	3.79	3.19	4.10	3.25	4.35	3.28	4.85	3.54	5.03	3.46
	16			3.17	2.82	3.79	3.19	4.10	3.25	4.35	3.28	4.84	3.54	5.01	3.45
	18			3.17	2.82	3.79	3.19	4.10	3.25	4.34	3.27	4.82	3.53	4.99	3.44
Me	20			3.17	2.82	3.79	3.19	4.10	3.25	4.33	3.27	4.80	3.53	4.97	3.44
	22			3.17	2.82	3.79	3.19	4.10	3.25	4.31	3.26	4.74	3.50	4.90	3.42
13	24			3.16	2.82	3.79	3.19	4.10	3.25	4.29	3.26	4.68	3.48	4.83	3.39
(m³/min)	26			3.16	2.82	3.77	3.18	4.06	3.23	4.24	3.24	4.61	3.45	4.76	3.37
	28	2.86	2.75	3.16	2.82	3.75	3.17	4.02	3.22	4.19	3.22	4.53	3.43	4.68	3.35
	30	2.86	2.75	3.15	2.82	3.72	3.16	3.99	3.21	4.14	3.20	4.46	3.40	4.61	3.32
	32	2.86	2.75	3.14	2.81	3.70	3.15	3.95	3.19	4.10	3.18	4.39	3.37	4.54	3.30
	34	2.86	2.75	3.13	2.81	3.68	3.15	3.90	3.17	4.03	3.15	4.30	3.35	4.45	3.27
	35	2.86	2.75	3.13	2.81	3.68	3.15	3.87	3.16	4.00	3.14	4.25	3.33	4.40	3.25
	36	2.86	2.75	3.12	2.80	3.65	3.13	3.85	3.15	3.96	3.13	4.18	3.30	4.32	3.23
	38	2.86	2.75	3.12	2.80	3.59	3.11	3.81	3.14	3.88	3.10	4.02	3.24	4.15	3.17
	39	2.86	2.75	3.11	2.79	3.57	3.10	3.79	3.13	3.84	3.09	3.95	3.22	4.06	3.12
	41	2.86	2.75	3.10	2.79	3.46	3.05	3.64	3.07	3.68	3.03	3.77	3.14	3.87	3.07
	43	2.86	2.75	3.09	2.79	3.35	3.01	3.48	3.00	3.52	2.97	3.60	3.09	3.68	3.02

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.51	2.51	2.51	2.51	2.51
	-17.8	-18	2.67	2.67	2.67	2.67	2.67
	-15.7	-16	2.83	2.83	2.83	2.83	2.83
	-13.7	-14	3.00	3.00	3.00	3.00	3.00
	-11.7	-12	3.16	3.16	3.16	3.16	3.16
Me	-9.6	-10	3.32	3.32	3.32	3.32	3.32
	-7.5	-8	3.52	3.52	3.52	3.52	3.52
13	-5.5	-6	3.72	3.72	3.72	3.72	3.72
(m³/min)	-3.4	-4	3.85	3.85	3.84	3.80	3.77
	-1.3	-2	3.98	3.97	3.96	3.89	3.81
	0.8	0	4.20	4.14	4.08	3.93	3.79
	3.9	3	4.56	4.39	4.23	3.99	3.76
	7.0	6	4.98	4.65	4.33	4.03	3.72
	10.1	9	4.95	4.63	4.31	4.00	3.69
	13.2	12	4.91	4.60	4.29	3.97	3.66
	16.9	15.5	4.88	4.56	4.25	3.93	3.62

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			2.75	2.37	3.29	2.68	3.56	2.73	3.79	2.77	4.24	2.99	4.41	2.92
	12			2.75	2.37	3.29	2.68	3.56	2.73	3.78	2.76	4.23	2.98	4.39	2.91
	14			2.75	2.37	3.29	2.68	3.56	2.73	3.78	2.76	4.21	2.98	4.37	2.91
	16			2.75	2.37	3.29	2.68	3.56	2.73	3.77	2.76	4.20	2.97	4.35	2.90
	18			2.75	2.37	3.29	2.68	3.56	2.73	3.77	2.76	4.18	2.97	4.33	2.89
Lo	20			2.75	2.37	3.29	2.68	3.56	2.73	3.76	2.76	4.17	2.96	4.31	2.89
	22			2.75	2.37	3.29	2.68	3.56	2.73	3.75	2.75	4.12	2.95	4.25	2.86
10	24			2.75	2.37	3.29	2.68	3.56	2.73	3.73	2.74	4.06	2.92	4.19	2.85
(m³/min)	26			2.74	2.37	3.27	2.67	3.53	2.72	3.68	2.72	4.00	2.90	4.13	2.83
	28	2.49	2.34	2.74	2.37	3.26	2.67	3.49	2.71	3.64	2.71	3.93	2.88	4.07	2.80
	30	2.49	2.34	2.74	2.37	3.23	2.65	3.46	2.69	3.60	2.69	3.87	2.85	4.00	2.78
	32	2.49	2.34	2.73	2.36	3.21	2.65	3.43	2.68	3.56	2.68	3.81	2.83	3.94	2.76
	34	2.49	2.34	2.72	2.36	3.20	2.64	3.38	2.66	3.50	2.65	3.73	2.80	3.86	2.73
	35	2.49	2.34	2.71	2.35	3.19	2.64	3.36	2.65	3.47	2.64	3.69	2.79	3.82	2.72
	36	2.49	2.34	2.71	2.35	3.17	2.63	3.34	2.64	3.44	2.63	3.63	2.77	3.75	2.70
	38	2.49	2.34	2.70	2.35	3.12	2.61	3.31	2.63	3.37	2.60	3.49	2.72	3.60	2.65
	39	2.49	2.34	2.70	2.35	3.10	2.60	3.29	2.63	3.34	2.59	3.43	2.69	3.52	2.63
	41	2.49	2.34	2.69	2.34	3.00	2.56	3.16	2.57	3.20	2.54	3.28	2.65	3.36	2.57
	43	2.49	2.34	2.68	2.34	2.91	2.52	3.02	2.52	3.06	2.49	3.12	2.59	3.19	2.52

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.33	2.33	2.33	2.33	2.33
	-17.8	-18	2.48	2.48	2.48	2.48	2.48
	-15.7	-16	2.63	2.63	2.63	2.63	2.63
	-13.7	-14	2.78	2.78	2.78	2.78	2.78
	-11.7	-12	2.93	2.93	2.93	2.93	2.93
Lo	-9.6	-10	3.08	3.08	3.08	3.08	3.08
	-7.5	-8	3.27	3.27	3.27	3.27	3.27
10	-5.5	-6	3.46	3.46	3.46	3.46	3.46
(m³/min)	-3.4	-4	3.58	3.57	3.57	3.53	3.50
	-1.3	-2	3.70	3.69	3.68	3.61	3.54
	0.8	0	3.90	3.84	3.79	3.65	3.52
	3.9	3	4.23	4.08	3.93	3.71	3.49
	7.0	6	4.62	4.32	4.02	3.74	3.46
	10.1	9	4.59	4.30	4.00	3.72	3.43
	13.2	12	4.56	4.27	3.98	3.69	3.40
	16.9	15.5	4.53	4.24	3.94	3.65	3.36

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJF000Z452 A

Model **FDT56KXZE1** Cooling Mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			4.59	4.41	5.49	5.16	5.94	5.23	6.32	5.29	7.07	5.72	7.35	5.62
	12			4.59	4.41	5.49	5.16	5.94	5.23	6.31	5.28	7.05	5.72	7.31	5.60
	14			4.59	4.41	5.49	5.16	5.94	5.23	6.30	5.28	7.02	5.71	7.28	5.60
	16			4.59	4.41	5.49	5.16	5.94	5.23	6.29	5.28	7.00	5.70	7.25	5.59
	18			4.59	4.41	5.49	5.16	5.94	5.23	6.28	5.27	6.97	5.69	7.22	5.58
P-Hi	20			4.59	4.41	5.49	5.16	5.94	5.23	6.27	5.27	6.95	5.69	7.19	5.56
	22			4.58	4.40	5.49	5.16	5.94	5.23	6.24	5.26	6.86	5.66	7.09	5.53
26	24			4.58	4.40	5.48	5.15	5.94	5.23	6.21	5.23	6.77	5.62	6.99	5.51
(m³/min)	26			4.57	4.39	5.46	5.14	5.88	5.21	6.14	5.21	6.66	5.59	6.88	5.46
	28	4.14	3.97	4.57	4.39	5.43	5.13	5.82	5.20	6.07	5.19	6.56	5.56	6.78	5.43
	30	4.14	3.97	4.56	4.38	5.39	5.12	5.77	5.16	6.00	5.17	6.46	5.52	6.67	5.41
	32	4.14	3.97	4.55	4.37	5.35	5.09	5.71	5.15	5.93	5.13	6.36	5.49	6.57	5.36
	34	4.14	3.97	4.53	4.35	5.33	5.09	5.64	5.12	5.83	5.10	6.22	5.43	6.44	5.33
	35	4.14	3.97	4.52	4.34	5.32	5.08	5.60	5.11	5.79	5.09	6.16	5.42	6.37	5.31
	36	4.14	3.97	4.52	4.34	5.28	5.07	5.57	5.10	5.73	5.07	6.05	5.39	6.25	5.27
	38	4.14	3.97	4.51	4.33	5.20	4.99	5.52	5.08	5.62	5.02	5.82	5.30	6.00	5.15
	39	4.14	3.97	4.50	4.32	5.16	4.95	5.49	5.06	5.56	5.00	5.71	5.27	5.87	5.12
	41	4.14	3.97	4.49	4.31	5.00	4.80	5.26	4.98	5.33	4.93	5.46	5.15	5.60	5.05
	43	4.14	3.97	4.47	4.29	4.85	4.66	5.04	4.84	5.10	4.84	5.21	5.00	5.32	4.97

Heating Mode (kW)

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	3.65	3.65	3.65	3.65	3.65
	-17.8	-18	3.89	3.89	3.89	3.89	3.89
	-15.7	-16	4.12	4.12	4.12	4.12	4.12
	-13.7	-14	4.36	4.36	4.36	4.36	4.36
	-11.7	-12	4.59	4.59	4.59	4.59	4.59
P-Hi	-9.6	-10	4.83	4.83	4.83	4.83	4.83
	-7.5	-8	5.12	5.12	5.12	5.12	5.12
26	-5.5	-6	5.42	5.42	5.42	5.42	5.42
(m³/min)	-3.4	-4	5.61	5.60	5.59	5.54	5.48
	-1.3	-2	5.80	5.78	5.76	5.65	5.54
	0.8	0	6.11	6.02	5.94	5.73	5.51
	3.9	3	6.63	6.39	6.16	5.81	5.47
	7.0	6	7.25	6.77	6.30	5.86	5.42
	10.1	9	7.20	6.74	6.28	5.82	5.37
	13.2	12	7.15	6.69	6.24	5.78	5.32
	16.9	15.5	7.10	6.64	6.18	5.73	5.27

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			4.24	3.70	5.07	4.18	5.48	4.26	5.83	4.31	6.53	4.65	6.78	4.54
	12			4.24	3.70	5.07	4.18	5.48	4.26	5.82	4.31	6.51	4.64	6.75	4.53
	14			4.24	3.70	5.07	4.18	5.48	4.26	5.81	4.30	6.48	4.63	6.72	4.52
	16			4.24	3.70	5.07	4.18	5.48	4.26	5.81	4.30	6.46	4.62	6.69	4.51
	18			4.24	3.70	5.07	4.18	5.48	4.26	5.80	4.30	6.44	4.62	6.66	4.50
Hi	20			4.24	3.70	5.07	4.18	5.48	4.26	5.79	4.30	6.41	4.61	6.64	4.50
	22			4.23	3.70	5.06	4.17	5.48	4.26	5.76	4.28	6.33	4.58	6.54	4.47
16	24			4.23	3.70	5.06	4.17	5.48	4.26	5.74	4.28	6.25	4.55	6.45	4.44
(m³/min)	26			4.22	3.69	5.04	4.17	5.43	4.24	5.67	4.25	6.15	4.52	6.35	4.41
	28	3.83	3.66	4.22	3.69	5.01	4.16	5.38	4.22	5.60	4.22	6.05	4.49	6.26	4.38
	30	3.83	3.66	4.21	3.69	4.98	4.14	5.33	4.20	5.54	4.20	5.96	4.46	6.16	4.34
	32	3.83	3.66	4.20	3.68	4.94	4.13	5.27	4.18	5.47	4.17	5.87	4.42	6.07	4.32
	34	3.83	3.66	4.18	3.67	4.92	4.12	5.20	4.16	5.38	4.14	5.74	4.38	5.94	4.28
	35	3.83	3.66	4.18	3.67	4.91	4.12	5.17	4.14	5.34	4.13	5.68	4.36	5.88	4.26
	36	3.83	3.66	4.17	3.67	4.87	4.10	5.14	4.12	5.29	4.10	5.58	4.33	5.77	4.22
	38	3.83	3.66	4.16	3.67	4.80	4.08	5.09	4.11	5.19	4.06	5.38	4.25	5.54	4.15
	39	3.83	3.66	4.16	3.67	4.76	4.05	5.07	4.10	5.14	4.05	5.27	4.22	5.42	4.11
	41	3.83	3.66	4.14	3.66	4.62	4.00	4.86	4.01	4.92	3.96	5.04	4.13	5.17	4.03
	43	3.83	3.66	4.13	3.65	4.48	3.95	4.65	3.94	4.70	3.88	4.81	4.05	4.92	3.95

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	3.29	3.29	3.29	3.29	3.29
	-17.8	-18	3.51	3.51	3.51	3.51	3.51
	-15.7	-16	3.72	3.72	3.72	3.72	3.72
	-13.7	-14	3.93	3.93	3.93	3.93	3.93
	-11.7	-12	4.14	4.14	4.14	4.14	4.14
Hi	-9.6	-10	4.35	4.35	4.35	4.35	4.35
	-7.5	-8	4.62	4.62	4.62	4.62	4.62
16	-5.5	-6	4.88	4.88	4.88	4.88	4.88
(m³/min)	-3.4	-4	5.06	5.05	5.04	4.99	4.94
	-1.3	-2	5.23	5.21	5.20	5.10	5.00
	0.8	0	5.51	5.43	5.35	5.16	4.97
	3.9	3	5.98	5.77	5.55	5.24	4.93
	7.0	6	6.53	6.11	5.68	5.28	4.88
	10.1	9	6.49	6.07	5.66	5.25	4.84
	13.2	12	6.45	6.04	5.62	5.21	4.80
	16.9	15.5	6.40	5.99	5.57	5.16	4.75

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			3.89	3.20	4.64	3.61	5.02	3.68	5.35	3.75	5.99	4.05	6.22	3.95
	12			3.89	3.20	4.64	3.61	5.02	3.68	5.34	3.74	5.97	4.04	6.19	3.94
	14			3.89	3.20	4.64	3.61	5.02	3.68	5.33	3.74	5.94	4.03	6.16	3.92
	16			3.89	3.20	4.64	3.61	5.02	3.68	5.32	3.74	5.92	4.02	6.14	3.91
	18			3.89	3.20	4.64	3.61	5.02	3.68	5.32	3.74	5.90	4.01	6.11	3.91
Me	20			3.89	3.20	4.64	3.61	5.02	3.68	5.31	3.73	5.88	4.01	6.08	3.90
	22			3.88	3.20	4.64	3.61	5.02	3.68	5.28	3.72	5.81	3.98	6.00	3.87
13	24			3.87	3.19	4.64	3.61	5.02	3.68	5.26	3.71	5.73	3.95	5.92	3.84
(m³/min)	26			3.87	3.19	4.62	3.60	4.98	3.67	5.20	3.68	5.64	3.91	5.83	3.81
	28	3.51	3.16	3.87	3.19	4.60	3.60	4.93	3.65	5.14	3.65	5.55	3.88	5.74	3.76
	30	3.51	3.16	3.86	3.19	4.56	3.58	4.88	3.63	5.08	3.63	5.47	3.85	5.65	3.73
	32	3.51	3.16	3.85	3.19	4.53	3.57	4.83	3.61	5.02	3.61	5.38	3.80	5.56	3.71
	34	3.51	3.16	3.84	3.18	4.51	3.56	4.77	3.59	4.94	3.58	5.27	3.77	5.45	3.67
	35	3.51	3.16	3.83	3.18	4.50	3.56	4.74	3.58	4.90	3.56	5.21	3.74	5.39	3.65
	36	3.51	3.16	3.83	3.18	4.47	3.54	4.72	3.57	4.85	3.54	5.12	3.71	5.29	3.62
	38	3.51	3.16	3.82	3.17	4.40	3.52	4.67	3.55	4.76	3.51	4.93	3.65	5.08	3.56
	39	3.51	3.16	3.81	3.17	4.37	3.51	4.65	3.54	4.71	3.49	4.84	3.62	4.97	3.52
	41	3.51	3.16	3.80	3.16	4.24	3.45	4.46	3.47	4.51	3.41	4.62	3.54	4.74	3.44
	43	3.51	3.16	3.78	3.16	4.11	3.39	4.27	3.39	4.31	3.34	4.41	3.47	4.51	3.37

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.95	2.95	2.95	2.95	2.95
	-17.8	-18	3.14	3.14	3.14	3.14	3.14
	-15.7	-16	3.33	3.33	3.33	3.33	3.33
	-13.7	-14	3.52	3.52	3.52	3.52	3.52
	-11.7	-12	3.71	3.71	3.71	3.71	3.71
Me	-9.6	-10	3.90	3.90	3.90	3.90	3.90
	-7.5	-8	4.14	4.14	4.14	4.14	4.14
13	-5.5	-6	4.38	4.38	4.38	4.38	4.38
(m³/min)	-3.4	-4	4.53	4.52	4.52	4.47	4.43
	-1.3	-2	4.68	4.67	4.66	4.57	4.48
	0.8	0	4.94	4.87	4.80	4.63	4.45
	3.9	3	5.36	5.17	4.98	4.70	4.42
	7.0	6	5.85	5.47	5.09	4.73	4.38
	10.1	9	5.82	5.44	5.07	4.71	4.34
	13.2	12	5.78	5.41	5.04	4.67	4.30
	16.9	15.5	5.73	5.36	4.99	4.63	4.26

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			3.33	2.74	3.98	3.10	4.30	3.16	4.58	3.21	5.13	3.46	5.33	3.36
	12			3.33	2.74	3.98	3.10	4.30	3.16	4.57	3.20	5.11	3.46	5.30	3.35
	14			3.33	2.74	3.98	3.10	4.30	3.16	4.57	3.20	5.09	3.45	5.28	3.35
	16			3.33	2.74	3.98	3.10	4.30	3.16	4.56	3.20	5.07	3.44	5.26	3.34
	18			3.33	2.74	3.98	3.10	4.30	3.16	4.55	3.20	5.05	3.44	5.23	3.33
Lo	20			3.33	2.74	3.98	3.10	4.30	3.16	4.55	3.20	5.04	3.43	5.21	3.32
	22			3.32	2.73	3.98	3.10	4.30	3.16	4.53	3.19	4.97	3.39	5.14	3.30
11	24			3.32	2.73	3.98	3.10	4.30	3.16	4.51	3.18	4.91	3.37	5.07	3.28
(m³/min)	26			3.32	2.73	3.96	3.09	4.26	3.15	4.45	3.15	4.83	3.34	4.99	3.25
	28	3.00	2.70	3.31	2.73	3.94	3.08	4.22	3.13	4.40	3.13	4.75	3.31	4.91	3.23
	30	3.00	2.70	3.30	2.73	3.91	3.07	4.18	3.12	4.35	3.12	4.68	3.29	4.84	3.21
	32	3.00	2.70	3.30	2.73	3.88	3.05	4.14	3.10	4.30	3.10	4.61	3.27	4.77	3.19
	34	3.00	2.70	3.29	2.72	3.86	3.05	4.09	3.08	4.23	3.07	4.51	3.23	4.67	3.15
	35	3.00	2.70	3.28	2.72	3.86	3.05	4.06	3.07	4.19	3.05	4.46	3.21	4.62	3.13
	36	3.00	2.70	3.28	2.72	3.83	3.03	4.04	3.06	4.15	3.04	4.38	3.18	4.53	3.11
	38	3.00	2.70	3.27	2.71	3.77	3.01	4.00	3.04	4.07	3.00	4.22	3.12	4.35	3.04
	39	3.00	2.70	3.26	2.71	3.74	3.00	3.98	3.03	4.03	2.99	4.14	3.10	4.26	3.02
	41	3.00	2.70	3.25	2.71	3.63	2.95	3.82	2.97	3.86	2.92	3.96	3.03	4.06	2.95
	43	3.00	2.70	3.24	2.70	3.52	2.91	3.65	2.90	3.69	2.86	3.77	2.96	3.86	2.88

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.78	2.78	2.78	2.78	2.78
	-17.8	-18	2.96	2.96	2.96	2.96	2.96
	-15.7	-16	3.14	3.14	3.14	3.14	3.14
	-13.7	-14	3.31	3.31	3.31	3.31	3.31
	-11.7	-12	3.49	3.49	3.49	3.49	3.49
Lo	-9.6	-10	3.67	3.67	3.67	3.67	3.67
	-7.5	-8	3.90	3.90	3.90	3.90	3.90
11	-5.5	-6	4.12	4.12	4.12	4.12	4.12
(m³/min)	-3.4	-4	4.26	4.26	4.25	4.21	4.17
	-1.3	-2	4.41	4.39	4.38	4.30	4.22
	0.8	0	4.65	4.58	4.51	4.35	4.19
	3.9	3	5.04	4.86	4.68	4.42	4.16
	7.0	6	5.51	5.15	4.79	4.45	4.12
	10.1	9	5.47	5.12	4.77	4.43	4.08
	13.2	12	5.44	5.09	4.74	4.39	4.05
	16.9	15.5	5.39	5.05	4.70	4.35	4.01

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJF000Z452 A

Model **FDT71KXZE1** Cooling Mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			5.82	5.54	6.96	6.26	7.53	6.36	8.01	6.42	8.97	6.97	9.31	6.81
	12			5.82	5.54	6.96	6.26	7.53	6.36	8.00	6.42	8.94	6.95	9.27	6.80
	14			5.82	5.54	6.96	6.26	7.53	6.36	7.99	6.42	8.90	6.93	9.23	6.79
	16			5.82	5.54	6.96	6.26	7.53	6.36	7.97	6.41	8.87	6.93	9.19	6.78
	18			5.82	5.54	6.96	6.26	7.53	6.36	7.96	6.41	8.84	6.92	9.15	6.77
P-Hi	20			5.82	5.54	6.96	6.26	7.53	6.36	7.95	6.40	8.81	6.91	9.11	6.76
	22			5.81	5.54	6.95	6.25	7.53	6.36	7.92	6.40	8.70	6.87	8.99	6.71
28	24			5.80	5.54	6.95	6.25	7.53	6.36	7.88	6.38	8.58	6.82	8.86	6.67
(m^3/min)	26			5.80	5.54	6.92	6.24	7.46	6.34	7.79	6.34	8.45	6.78	8.73	6.63
	28	5.25	5.04	5.79	5.53	6.89	6.23	7.38	6.31	7.69	6.30	8.31	6.74	8.59	6.58
	30	5.25	5.04	5.78	5.53	6.83	6.21	7.31	6.28	7.60	6.27	8.19	6.69	8.46	6.54
	32	5.25	5.04	5.77	5.52	6.78	6.19	7.24	6.25	7.51	6.24	8.06	6.65	8.33	6.51
	34	5.25	5.04	5.75	5.52	6.76	6.18	7.15	6.21	7.39	6.19	7.89	6.60	8.16	6.44
	35	5.25	5.04	5.74	5.51	6.75	6.18	7.10	6.20	7.33	6.17	7.80	6.55	8.08	6.42
	36	5.25	5.04	5.73	5.50	6.69	6.14	7.06	6.18	7.26	6.15	7.66	6.51	7.92	6.38
	38	5.25	5.04	5.72	5.49	6.59	6.08	6.99	6.16	7.12	6.10	7.38	6.43	7.61	6.27
	39	5.25	5.04	5.71	5.48	6.54	6.06	6.96	6.15	7.05	6.08	7.24	6.37	7.45	6.23
	41	5.25	5.04	5.69	5.46	6.35	5.99	6.67	6.00	6.76	5.93	6.92	6.27	7.10	6.12
	43	5.25	5.04	5.67	5.44	6.15	5.90	6.39	5.91	6.46	5.84	6.60	6.16	6.75	6.02

Heating Mode (kW)

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	4.64	4.64	4.64	4.64	4.64
	-17.8	-18	4.94	4.94	4.94	4.94	4.94
	-15.7	-16	5.24	5.24	5.24	5.24	5.24
	-13.7	-14	5.54	5.54	5.54	5.54	5.54
	-11.7	-12	5.83	5.83	5.83	5.83	5.83
P-Hi	-9.6	-10	6.13	6.13	6.13	6.13	6.13
	-7.5	-8	6.51	6.51	6.51	6.51	6.51
28	-5.5	-6	6.88	6.88	6.88	6.88	6.88
(m^3/min)	-3.4	-4	7.12	7.11	7.10	7.03	6.96
	-1.3	-2	7.36	7.34	7.32	7.18	7.04
	0.8	0	7.76	7.65	7.54	7.27	7.00
	3.9	3	8.42	8.12	7.82	7.38	6.94
	7.0	6	9.20	8.60	8.00	7.44	6.88
	10.1	9	9.14	8.56	7.97	7.40	6.82
	13.2	12	9.08	8.50	7.92	7.34	6.76
	16.9	15.5	9.01	8.43	7.85	7.27	6.69

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			5.21	4.31	6.22	4.85	6.73	4.97	7.16	5.04	8.02	5.44	8.33	5.31
	12			5.21	4.31	6.22	4.85	6.73	4.97	7.15	5.03	7.99	5.43	8.29	5.29
	14			5.21	4.31	6.22	4.85	6.73	4.97	7.14	5.03	7.96	5.42	8.26	5.28
	16			5.21	4.31	6.22	4.85	6.73	4.97	7.13	5.03	7.93	5.41	8.22	5.26
	18			5.21	4.31	6.22	4.85	6.73	4.97	7.12	5.02	7.91	5.40	8.19	5.25
Hi	20			5.21	4.31	6.22	4.85	6.73	4.97	7.11	5.02	7.88	5.39	8.15	5.24
	22			5.20	4.30	6.22	4.85	6.73	4.97	7.08	5.00	7.78	5.34	8.04	5.20
17	24			5.19	4.30	6.22	4.85	6.73	4.97	7.05	4.99	7.68	5.31	7.93	5.17
(m^3/min)	26			5.19	4.30	6.19	4.84	6.67	4.95	6.96	4.95	7.56	5.27	7.81	5.12
	28	4.70	4.24	5.18	4.29	6.16	4.82	6.60	4.92	6.88	4.92	7.44	5.22	7.68	5.08
	30	4.70	4.24	5.17	4.29	6.11	4.80	6.54	4.89	6.80	4.89	7.32	5.17	7.57	5.04
	32	4.70	4.24	5.16	4.29	6.06	4.78	6.48	4.87	6.72	4.85	7.21	5.13	7.45	5.00
	34	4.70	4.24	5.14	4.28	6.04	4.78	6.39	4.82	6.61	4.80	7.06	5.08	7.30	4.95
	35	4.70	4.24	5.13	4.27	6.03	4.77	6.35	4.80	6.56	4.78	6.98	5.05	7.22	4.92
	36	4.70	4.24	5.12	4.27	5.99	4.76	6.32	4.79	6.50	4.75	6.85	5.00	7.08	4.88
	38	4.70	4.24	5.11	4.26	5.90	4.72	6.25	4.76	6.37	4.71	6.60	4.91	6.80	4.78
	39	4.70	4.24	5.11	4.26	5.85	4.70	6.22	4.75	6.31	4.69	6.48	4.87	6.66	4.74
	41	4.70	4.24	5.09	4.26	5.68	4.63	5.97	4.65	6.04	4.59	6.19	4.77	6.35	4.63
	43	4.70	4.24	5.07	4.25	5.50	4.56	5.72	4.56	5.78	4.49	5.90	4.66	6.04	4.51

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	4.21	4.21	4.21	4.21	4.21
	-17.8	-18	4.48	4.48	4.48	4.48	4.48
	-15.7	-16	4.75	4.75	4.75	4.75	4.75
	-13.7	-14	5.02	5.02	5.02	5.02	5.02
	-11.7	-12	5.29	5.29	5.29	5.29	5.29
Hi	-9.6	-10	5.56	5.56	5.56	5.56	5.56
	-7.5	-8	5.90	5.90	5.90	5.90	5.90
17	-5.5	-6	6.24	6.24	6.24	6.24	6.24
(m^3/min)	-3.4	-4	6.45	6.44	6.43	6.37	6.31
	-1.3	-2	6.67	6.65	6.63	6.51	6.38
	0.8	0	7.03	6.93	6.83	6.59	6.34
	3.9	3	7.63	7.36	7.09	6.69	6.29
	7.0	6	8.34	7.79	7.25	6.74	6.24
	10.1	9	8.28	7.75	7.22	6.70	6.18
	13.2	12	8.23	7.70	7.18	6.65	6.13
	16.9	15.5	8.17	7.64	7.11	6.59	6.06

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			4.42	3.60	5.28	4.07	5.71	4.16	6.08	4.22	6.81	4.56	7.07	4.45
	12			4.42	3.60	5.28	4.07	5.71	4.16	6.07	4.22	6.78	4.55	7.04	4.43
	14			4.42	3.60	5.28	4.07	5.71	4.16	6.06	4.21	6.76	4.54	7.01	4.42
	16			4.42	3.60	5.28	4.07	5.71	4.16	6.05	4.21	6.74	4.53	6.98	4.41
	18			4.42	3.60	5.28	4.07	5.71	4.16	6.05	4.21	6.71	4.52	6.95	4.40
Me	20			4.42	3.60	5.28	4.07	5.71	4.16	6.04	4.20	6.69	4.51	6.92	4.39
	22			4.41	3.60	5.28	4.07	5.71	4.16	6.01	4.19	6.60	4.48	6.82	4.36
14	24			4.41	3.60	5.28	4.07	5.71	4.16	5.98	4.18	6.52	4.45	6.73	4.32
(m^3/min)	26			4.40	3.59	5.25	4.06	5.66	4.14	5.91	4.15	6.41	4.40	6.63	4.29
	28	3.99	3.55	4.40	3.59	5.23	4.05	5.61	4.12	5.84	4.12	6.31	4.37	6.52	4.25
	30	3.99	3.55	4.39	3.59	5.19	4.03	5.55	4.10	5.77	4.09	6.21	4.33	6.42	4.21
	32	3.99	3.55	4.38	3.58	5.15	4.00	5.50	4.08	5.70	4.07	6.12	4.29	6.33	4.18
	34	3.99	3.55	4.36	3.58	5.13	4.00	5.43	4.05	5.61	4.03	5.99	4.25	6.20	4.14
	35	3.99	3.55	4.36	3.58	5.12	3.99	5.39	4.03	5.57	4.02	5.92	4.22	6.13	4.12
	36	3.99	3.55	4.35	3.57	5.08	3.98	5.36	4.02	5.51	3.99	5.82	4.19	6.01	4.07
	38	3.99	3.55	4.34	3.57	5.00	3.94	5.31	3.98	5.41	3.94	5.61	4.11	5.77	4.00
	39	3.99	3.55	4.33	3.56	4.97	3.93	5.28	3.97	5.35	3.91	5.50	4.07	5.65	3.95
	41	3.99	3.55	4.32	3.56	4.82	3.87	5.07	3.89	5.13	3.83	5.26	3.98	5.39	3.87
	43	3.99	3.55	4.30	3.55	4.67	3.81	4.85	3.81	4.90	3.75	5.01	3.89	5.12	3.78

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	3.43	3.43	3.43	3.43	3.43
	-17.8	-18	3.65	3.65	3.65	3.65	3.65
	-15.7	-16	3.87	3.87	3.87	3.87	3.87
	-13.7	-14	4.09	4.09	4.09	4.09	4.09
	-11.7	-12	4.31	4.31	4.31	4.31	4.31
Me	-9.6	-10	4.53	4.53	4.53	4.53	4.53
	-7.5	-8	4.81	4.81	4.81	4.81	4.81
14	-5.5	-6	5.08	5.08	5.08	5.08	5.08
(m^3/min)	-3.4	-4	5.26	5.25	5.25	5.19	5.14
	-1.3	-2	5.44	5.42	5.41	5.30	5.20
	0.8	0	5.73	5.65	5.57	5.37	5.17
	3.9	3	6.22	6.00	5.78	5.45	5.13
	7.0	6	6.80	6.35	5.91	5.50	5.08
	10.1	9	6.75	6.32	5.89	5.46	5.04
	13.2	12	6.71	6.28	5.85	5.42	4.99
	16.9	15.5	6.66	6.23	5.80	5.37	4.94

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			3.95	3.21	4.72	3.62	5.11	3.71	5.44	3.76	6.09	4.05	6.32	3.94
	12			3.95	3.21	4.72	3.62	5.11	3.71	5.43	3.76	6.07	4.04	6.29	3.93
	14			3.95	3.21	4.72	3.62	5.11	3.71	5.42	3.75	6.04	4.03	6.27	3.93
	16			3.95	3.21	4.72	3.62	5.11	3.71	5.41	3.75	6.02	4.02	6.24	3.92
	18			3.95	3.21	4.72	3.62	5.11	3.71	5.41	3.75	6.00	4.01	6.21	3.90
Lo	20			3.95	3.21	4.72	3.62	5.11	3.71	5.40	3.75	5.98	4.01	6.19	3.90
	22			3.95	3.21	4.72	3.62	5.11	3.71	5.37	3.73	5.90	3.98	6.10	3.87
12	24			3.94	3.20	4.72	3.62	5.11	3.71	5.35	3.72	5.83	3.95	6.02	3.84
(m^3/min)	26			3.94	3.20	4.70	3.61	5.06	3.69	5.29	3.70	5.74	3.92	5.92	3.81
	28	3.57	3.16	3.93	3.20	4.68	3.61	5.01	3.67	5.22	3.67	5.64	3.88	5.83	3.78
	30	3.57	3.16	3.92	3.19	4.64	3.59	4.96	3.65	5.16	3.65	5.56	3.85	5.74	3.75
	32	3.57	3.16	3.91	3.19	4.60	3.57	4.92	3.63	5.10	3.62	5.47	3.82	5.66	3.72
	34	3.57	3.16	3.90	3.18	4.59	3.57	4.85	3.60	5.02	3.59	5.36	3.78	5.54	3.68
	35	3.57	3.16	3.89	3.18	4.58	3.56	4.82	3.59	4.98	3.58	5.30	3.76	5.48	3.66
	36	3.57	3.16	3.89	3.18	4.54	3.55	4.80	3.58	4.93	3.55	5.20	3.72	5.38	3.62
	38	3.57	3.16	3.88	3.17	4.48	3.52	4.75	3.56	4.84	3.52	5.01	3.65	5.16	3.55
	39	3.57	3.16	3.88	3.17	4.44	3.51	4.72	3.54	4.79	3.50	4.92	3.62	5.06	3.52
	41	3.57	3.16	3.86	3.17	4.31	3.45	4.53	3.47	4.59	3.42	4.70	3.54	4.82	3.44
	43	3.57	3.16	3.85	3.16	4.17	3.39	4.34	3.39	4.39	3.34	4.48	3.46	4.58	3.36

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	3.33	3.33	3.33	3.33	3.33
	-17.8	-18	3.54	3.54	3.54	3.54	3.54
	-15.7	-16	3.76	3.76	3.76	3.76	3.76
	-13.7	-14	3.97	3.97	3.97	3.97	3.97
	-11.7	-12	4.19	4.19	4.19	4.19	4.19
Lo	-9.6	-10	4.40	4.40	4.40	4.40	4.40
	-7.5	-8	4.67	4.67	4.67	4.67	4.67
12	-5.5	-6	4.94	4.94	4.94	4.94	4.94
(m^3/min)	-3.4	-4	5.11	5.10	5.09	5.04	4.99
	-1.3	-2	5.28	5.27	5.25	5.15	5.05
	0.8	0	5.57	5.49	5.41	5.22	5.02
	3.9	3	6.04	5.83	5.61	5.30	4.98
	7.0	6	6.60	6.17	5.74	5.34	4.94
	10.1	9	6.56	6.14	5.72	5.31	4.89
	13.2	12	6.51	6.10	5.68	5.27	4.85
	16.9	15.5	6.46	6.05	5.63	5.22	4.80

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJF000Z452 A

Model **FDT90KXZE1** Cooling Mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			7.38	7.08	8.82	8.02	9.54	8.15	10.15	8.21	11.37	8.87	11.80	8.69
	12			7.38	7.08	8.82	8.02	9.54	8.15	10.14	8.21	11.33	8.86	11.75	8.67
	14			7.38	7.08	8.82	8.02	9.54	8.15	10.12	8.20	11.29	8.84	11.70	8.66
	16			7.38	7.08	8.82	8.02	9.54	8.15	10.11	8.20	11.25	8.83	11.65	8.65
	18			7.38	7.08	8.82	8.02	9.54	8.15	10.09	8.19	11.20	8.82	11.60	8.63
P-Hi	20			7.38	7.08	8.82	8.02	9.54	8.15	10.08	8.19	11.16	8.81	11.55	8.62
	22			7.37	7.08	8.82	8.02	9.54	8.15	10.03	8.17	11.02	8.77	11.39	8.57
37	24			7.36	7.07	8.81	8.01	9.54	8.15	9.99	8.16	10.88	8.72	11.24	8.53
(m^3/min)	26			7.35	7.06	8.77	7.98	9.45	8.10	9.87	8.12	10.71	8.67	11.06	8.49
	28	6.66	6.39	7.34	7.05	8.73	7.97	9.36	8.07	9.75	8.08	10.54	8.62	10.89	8.44
	30	6.66	6.39	7.33	7.04	8.66	7.94	9.27	8.04	9.64	8.02	10.38	8.57	10.73	8.37
	32	6.66	6.39	7.31	7.02	8.60	7.92	9.18	8.01	9.53	7.99	10.22	8.53	10.56	8.33
	34	6.66	6.39	7.28	6.99	8.57	7.91	9.06	7.97	9.37	7.93	10.00	8.44	10.35	8.27
	35	6.66	6.39	7.27	6.98	8.55	7.90	9.00	7.92	9.30	7.91	9.89	8.41	10.24	8.24
	36	6.66	6.39	7.26	6.97	8.49	7.88	8.96	7.91	9.21	7.86	9.72	8.36	10.04	8.16
	38	6.66	6.39	7.25	6.96	8.36	7.83	8.87	7.88	9.03	7.80	9.36	8.23	9.64	8.03
	39	6.66	6.39	7.24	6.95	8.29	7.79	8.82	7.86	8.94	7.78	9.18	8.17	9.44	7.98
	41	6.66	6.39	7.21	6.92	8.04	7.70	8.46	7.72	8.56	7.63	8.77	8.03	9.00	7.84
	43	6.66	6.39	7.19	6.90	7.80	7.49	8.10	7.60	8.19	7.51	8.37	7.89	8.56	7.72

Heating Mode (kW)

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	5.80	5.80	5.80	5.80	5.80
	-17.8	-18	6.17	6.17	6.17	6.17	6.17
	-15.7	-16	6.55	6.55	6.55	6.55	6.55
	-13.7	-14	6.92	6.92	6.92	6.92	6.92
	-11.7	-12	7.29	7.29	7.29	7.29	7.29
P-Hi	-9.6	-10	7.67	7.67	7.67	7.67	7.67
	-7.5	-8	8.13	8.13	8.13	8.13	8.13
37	-5.5	-6	8.60	8.60	8.60	8.60	8.60
(m^3/min)	-3.4	-4	8.90	8.89	8.88	8.79	8.70
	-1.3	-2	9.20	9.18	9.15	8.98	8.80
	0.8	0	9.70	9.56	9.43	9.09	8.75
	3.9	3	10.53	10.15	9.78	9.23	8.68
	7.0	6	11.50	10.75	10.00	9.30	8.60
	10.1	9	11.43	10.69	9.96	9.24	8.53
	13.2	12	11.35	10.63	9.90	9.18	8.45
	16.9	15.5	11.26	10.54	9.81	9.09	8.36

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			6.67	5.91	7.98	6.70	8.63	6.83	9.18	6.90	10.28	7.47	10.68	7.30
	12			6.67	5.91	7.98	6.70	8.63	6.83	9.17	6.90	10.25	7.46	10.63	7.28
	14			6.67	5.91	7.98	6.70	8.63	6.83	9.16	6.89	10.21	7.44	10.58	7.27
	16			6.67	5.91	7.98	6.70	8.63	6.83	9.14	6.88	10.17	7.43	10.54	7.26
	18			6.67	5.91	7.98	6.70	8.63	6.83	9.13	6.88	10.13	7.42	10.49	7.24
Hi	20			6.67	5.91	7.98	6.70	8.63	6.83	9.12	6.88	10.10	7.40	10.45	7.23
	22			6.66	5.91	7.97	6.70	8.63	6.83	9.08	6.86	9.97	7.36	10.30	7.13
25	24			6.65	5.90	7.97	6.70	8.63	6.83	9.03	6.84	9.84	7.32	10.16	7.09
(m^3/min)	26			6.65	5.90	7.93	6.68	8.55	6.80	8.93	6.81	9.69	7.22	10.01	7.04
	28	6.02	5.78	6.64	5.90	7.90	6.67	8.47	6.77	8.82	6.77	9.53	7.17	9.85	7.00
	30	6.02	5.78	6.63	5.89	7.83	6.64	8.38	6.74	8.72	6.73	9.39	7.12	9.70	6.95
	32	6.02	5.78	6.61	5.89	7.77	6.62	8.30	6.69	8.62	6.69	9.24	7.07	9.55	6.90
	34	6.02	5.78	6.59	5.88	7.75	6.61	8.19	6.65	8.48	6.63	9.05	7.01	9.36	6.84
	35	6.02	5.78	6.58	5.87	7.73	6.60	8.14	6.63	8.41	6.60	8.95	6.97	9.26	6.81
	36	6.02	5.78	6.57	5.87	7.67	6.58	8.10	6.62	8.33	6.58	8.79	6.92	9.08	6.76
	38	6.02	5.78	6.55	5.86	7.56	6.54	8.02	6.59	8.17	6.52	8.47	6.81	8.72	6.65
	39	6.02	5.78	6.54	5.86	7.50	6.51	7.98	6.57	8.09	6.49	8.31	6.76	8.54	6.60
	41	6.02	5.78	6.52	5.85	7.27	6.41	7.65	6.45	7.75	6.37	7.94	6.64	8.14	6.48
	43	6.02	5.78	6.50	5.84	7.05	6.32	7.33	6.32	7.41	6.23	7.57	6.52	7.74	6.36

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	5.25	5.25	5.25	5.25	5.25
	-17.8	-18	5.59	5.59	5.59	5.59	5.59
	-15.7	-16	5.93	5.93	5.93	5.93	5.93
	-13.7	-14	6.27	6.27	6.27	6.27	6.27
	-11.7	-12	6.61	6.61	6.61	6.61	6.61
Hi	-9.6	-10	6.95	6.95	6.95	6.95	6.95
	-7.5	-8	7.37	7.37	7.37	7.37	7.37
25	-5.5	-6	7.79	7.79	7.79	7.79	7.79
(m^3/min)	-3.4	-4	8.06	8.05	8.04	7.96	7.88
	-1.3	-2	8.34	8.31	8.29	8.13	7.97
	0.8	0	8.79	8.66	8.54	8.23	7.93
	3.9	3	9.54	9.20	8.86	8.36	7.86
	7.0	6	10.42	9.74	9.06	8.43	7.79
	10.1	9	10.35	9.69	9.03	8.37	7.72
	13.2	12	10.28	9.63	8.97	8.31	7.66
	16.9	15.5	10.20	9.55	8.89	8.23	7.58

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			6.07	5.31	7.26	6.00	7.85	6.11	8.36	6.19	9.36	6.69	9.72	6.54
	12			6.07	5.31	7.26	6.00	7.85	6.11	8.35	6.18	9.33	6.68	9.68	6.51
	14			6.07	5.31	7.26	6.00	7.85	6.11	8.33	6.18	9.29	6.67	9.64	6.50
	16			6.07	5.31	7.26	6.00	7.85	6.11	8.32	6.17	9.26	6.66	9.59	6.48
	18			6.07	5.31	7.26	6.00	7.85	6.11	8.31	6.17	9.23	6.65	9.55	6.47
Me	20			6.07	5.31	7.26	6.00	7.85	6.11	8.30	6.17	9.19	6.62	9.51	6.46
	22			6.07	5.31	7.26	6.00	7.85	6.11	8.26	6.15	9.08	6.58	9.38	6.42
22	24			6.06	5.30	7.26	6.00	7.85	6.11	8.22	6.14	8.96	6.54	9.25	6.38
(m^3/min)	26			6.05	5.30	7.22	5.98	7.78	6.08	8.13	6.09	8.82	6.49	9.11	6.29
	28	5.48	5.23	6.05	5.30	7.19	5.96	7.71	6.06	8.03	6.05	8.68	6.45	8.97	6.25
	30	5.48	5.23	6.03	5.29	7.13	5.94	7.63	6.03	7.94	6.02	8.54	6.36	8.83	6.21
	32	5.48	5.23	6.02	5.28	7.08	5.92	7.56	6.00	7.84	5.98	8.41	6.32	8.70	6.17
	34	5.48	5.23	6.00	5.28	7.05	5.91	7.46	5.96	7.72	5.94	8.23	6.26	8.52	6.11
	35	5.48	5.23	5.99	5.27	7.04	5.90	7.41	5.94	7.66	5.92	8.15	6.23	8.43	6.08
	36	5.48	5.23	5.98	5.27	6.99	5.88	7.37	5.93	7.58	5.89	8.00	6.18	8.26	6.03
	38	5.48	5.23	5.97	5.26	6.88	5.84	7.30	5.89	7.43	5.82	7.71	6.08	7.94	5.93
	39	5.48	5.23	5.96	5.26	6.83	5.82	7.26	5.87	7.36	5.80	7.56	6.03	7.77	5.88
	41	5.48	5.23	5.94	5.25	6.62	5.74	6.97	5.76	7.05	5.69	7.22	5.92	7.41	5.77
	43	5.48	5.23	5.92	5.24	6.42	5.65	6.67	5.65	6.74	5.57	6.89	5.81	7.04	5.66

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	4.66	4.66	4.66	4.66	4.66
	-17.8	-18	4.96	4.96	4.96	4.96	4.96
	-15.7	-16	5.26	5.26	5.26	5.26	5.26
	-13.7	-14	5.56	5.56	5.56	5.56	5.56
	-11.7	-12	5.86	5.86	5.86	5.86	5.86
Me	-9.6	-10	6.16	6.16	6.16	6.16	6.16
	-7.5	-8	6.54	6.54	6.54	6.54	6.54
22	-5.5	-6	6.91	6.91	6.91	6.91	6.91
(m^3/min)	-3.4	-4	7.16	7.15	7.14	7.07	6.99
	-1.3	-2	7.40	7.38	7.36	7.22	7.08
	0.8	0	7.80	7.69	7.58	7.31	7.04
	3.9	3	8.46	8.16	7.86	7.42	6.97
	7.0	6	9.25	8.64	8.04	7.48	6.91
	10.1	9	9.19	8.60	8.01	7.43	6.85
	13.2	12	9.13	8.54	7.96	7.38	6.79
	16.9	15.5	9.06	8.47	7.89	7.31	6.72

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			4.72	3.89	5.64	4.40	6.11	4.50	6.50	4.55	7.28	4.92	7.56	4.79
	12			4.72	3.89	5.64	4.40	6.11	4.50	6.49	4.55	7.25	4.91	7.52	4.78
	14			4.72	3.89	5.64	4.40	6.11	4.50	6.48	4.55	7.22	4.90	7.49	4.77
	16			4.72	3.89	5.64	4.40	6.11	4.50	6.47	4.54	7.20	4.89	7.46	4.76
	18			4.72	3.89	5.64	4.40	6.11	4.50	6.46	4.54	7.17	4.88	7.42	4.75
Lo	20			4.72	3.89	5.64	4.40	6.11	4.50	6.45	4.53	7.14	4.87	7.39	4.74
	22			4.71	3.89	5.64	4.40	6.11	4.50	6.42	4.52	7.05	4.83	7.29	4.71
15	24			4.71	3.89	5.64	4.40	6.11	4.50	6.39	4.51	6.96	4.80	7.19	4.65
(m^3/min)	26			4.70	3.89	5.61	4.39	6.05	4.48	6.32	4.48	6.85	4.76	7.08	4.61
	28	4.26	3.84	4.70	3.89	5.59	4.38	5.99	4.45	6.24	4.45	6.74	4.70	6.97	4.58
	30	4.26	3.84	4.69	3.88	5.54	4.36	5.93	4.42	6.17	4.43	6.64	4.66	6.87	4.54
	32	4.26	3.84	4.68	3.88	5.50	4.34	5.88	4.40	6.10	4.40	6.54	4.63	6.76	4.51
	34	4.26	3.84	4.66	3.87	5.48	4.33	5.80	4.37	6.00	4.35	6.40	4.58	6.62	4.46
	35	4.26	3.84	4.65	3.86	5.47	4.33	5.76	4.35	5.95	4.33	6.33	4.55	6.55	4.44
	36	4.26	3.84	4.65	3.86	5.43	4.31	5.73	4.34	5.89	4.31	6.22	4.51	6.42	4.40
	38	4.26	3.84	4.64	3.85	5.35	4.27	5.67	4.32	5.78	4.27	5.99	4.44	6.17	4.32
	39	4.26	3.84	4.63	3.85	5.31	4.26	5.64	4.31	5.72	4.25	5.88	4.40	6.04	4.28
	41	4.26	3.84	4.61	3.84	5.15	4.19	5.41	4.21	5.48	4.15	5.62	4.31	5.76	4.19
	43	4.26	3.84	4.60	3.84	4.99	4.13	5.18	4.12	5.24	4.06	5.35	4.22	5.48	4.11

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	4.23	4.23	4.23	4.23	4.23
	-17.8	-18	4.50	4.50	4.50	4.50	4.50
	-15.7	-16	4.77	4.77	4.77	4.77	4.77
	-13.7	-14	5.04	5.04	5.04	5.04	5.04
	-11.7	-12	5.32	5.32	5.32	5.32	5.32
Lo	-9.6	-10	5.59	5.59	5.59	5.59	5.59
	-7.5	-8	5.93	5.93	5.93	5.93	5.93
15	-5.5	-6	6.27	6.27	6.27	6.27	6.27
(m^3/min)	-3.4	-4	6.49	6.48	6.47	6.41	6.34
	-1.3	-2	6.71	6.69	6.67	6.54	6.42
	0.8	0	7.07	6.97	6.87	6.62	6.38
	3.9	3	7.67	7.40	7.13	6.73	6.32
	7.0	6	8.38	7.84	7.29	6.78	6.27
	10.1	9	8.33	7.80	7.26	6.74	6.21
	13.2	12	8.27	7.75	7.22	6.69	6.16
	16.9	15.5	8.21	7.68	7.15	6.62	6.10

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJF000Z452 A

Model **FDT112KXZE1** Cooling Mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			9.18	8.37	10.97	9.44	11.87	9.60	12.63	9.69	14.15	10.49	14.69	10.25
	12			9.18	8.37	10.97	9.44	11.87	9.60	12.61	9.68	14.10	10.47	14.63	10.23
	14			9.18	8.37	10.97	9.44	11.87	9.60	12.60	9.68	14.05	10.45	14.56	10.22
	16			9.18	8.37	10.97	9.44	11.87	9.60	12.58	9.67	14.00	10.44	14.50	10.20
	18			9.18	8.37	10.97	9.44	11.87	9.60	12.56	9.66	13.94	10.42	14.44	10.18
P-Hi	20			9.18	8.37	10.97	9.44	11.87	9.60	12.55	9.66	13.89	10.40	14.37	10.16
	22			9.17	8.36	10.97	9.44	11.87	9.60	12.49	9.64	13.72	10.35	14.18	10.10
38	24			9.15	8.35	10.97	9.44	11.87	9.60	12.43	9.62	13.54	10.29	13.98	10.04
(m^3/min)	26			9.15	8.35	10.92	9.43	11.76	9.56	12.28	9.57	13.33	10.22	13.77	9.98
	28	8.29	7.96	9.14	8.35	10.86	9.40	11.65	9.52	12.14	9.52	13.11	10.15	13.55	9.92
	30	8.29	7.96	9.12	8.34	10.78	9.35	11.54	9.48	12.00	9.46	12.91	10.08	13.35	9.86
	32	8.29	7.96	9.09	8.33	10.70	9.32	11.42	9.44	11.85	9.41	12.71	10.02	13.15	9.78
	34	8.29	7.96	9.06	8.32	10.66	9.31	11.27	9.38	11.66	9.35	12.45	9.92	12.87	9.69
	35	8.29	7.96	9.05	8.31	10.64	9.30	11.20	9.36	11.57	9.32	12.31	9.87	12.74	9.66
	36	8.29	7.96	9.04	8.31	10.56	9.27	11.14	9.34	11.46	9.28	12.09	9.80	12.49	9.59
	38	8.29	7.96	9.02	8.30	10.40	9.21	11.03	9.30	11.24	9.18	11.65	9.64	12.00	9.42
	39	8.29	7.96	9.00	8.29	10.32	9.18	10.98	9.26	11.13	9.14	11.43	9.57	11.75	9.35
	41	8.29	7.96	8.97	8.28	10.01	9.07	10.53	9.10	10.66	8.98	10.92	9.39	11.20	9.17
	43	8.29	7.96	8.94	8.27	9.70	8.93	10.08	8.91	10.19	8.80	10.41	9.23	10.65	9.01

Heating Mode (kW)

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	7.25	7.25	7.25	7.25	7.25
	-17.8	-18	7.72	7.72	7.72	7.72	7.72
	-15.7	-16	8.18	8.18	8.18	8.18	8.18
	-13.7	-14	8.65	8.65	8.65	8.65	8.65
	-11.7	-12	9.12	9.12	9.12	9.12	9.12
P-Hi	-9.6	-10	9.58	9.58	9.58	9.58	9.58
	-7.5	-8	10.17	10.17	10.17	10.17	10.17
38	-5.5	-6	10.75	10.75	10.75	10.75	10.75
(m^3/min)	-3.4	-4	11.13	11.11	11.09	10.98	10.88
	-1.3	-2	11.50	11.47	11.44	11.22	11.00
	0.8	0	12.13	11.95	11.78	11.36	10.94
	3.9	3	13.16	12.69	12.22	11.53	10.84
	7.0	6	14.38	13.44	12.50	11.63	10.75
	10.1	9	14.28	13.37	12.45	11.55	10.66
	13.2	12	14.19	13.28	12.38	11.47	10.56
	16.9	15.5	14.08	13.17	12.27	11.36	10.45

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			8.17	6.78	9.77	7.66	10.57	7.83	11.24	7.92	12.59	8.54	13.08	8.33
	12			8.17	6.78	9.77	7.66	10.57	7.83	11.23	7.92	12.55	8.53	13.02	8.31
	14			8.17	6.78	9.77	7.66	10.57	7.83	11.21	7.91	12.50	8.51	12.96	8.30
	16			8.17	6.78	9.77	7.66	10.57	7.83	11.20	7.91	12.46	8.50	12.91	8.28
	18			8.17	6.78	9.77	7.66	10.57	7.83	11.18	7.90	12.41	8.48	12.85	8.26
Hi	20			8.17	6.78	9.77	7.66	10.57	7.83	11.17	7.90	12.37	8.46	12.80	8.24
	22			8.16	6.77	9.77	7.66	10.57	7.83	11.12	7.88	12.21	8.41	12.62	8.18
26	24			8.15	6.77	9.76	7.65	10.57	7.83	11.06	7.85	12.05	8.35	12.45	8.12
(m^3/min)	26			8.14	6.76	9.72	7.64	10.47	7.78	10.93	7.80	11.86	8.28	12.26	8.06
	28	7.38	6.68	8.14	6.76	9.67	7.62	10.37	7.74	10.80	7.75	11.67	8.21	12.06	8.00
	30	7.38	6.68	8.12	6.75	9.60	7.59	10.27	7.70	10.68	7.69	11.50	8.15	11.88	7.94
	32	7.38	6.68	8.10	6.75	9.52	7.55	10.17	7.66	10.55	7.64	11.32	8.09	11.70	7.86
	34	7.38	6.68	8.07	6.73	9.49	7.54	10.04	7.61	10.38	7.58	11.08	7.99	11.46	7.79
	35	7.38	6.68	8.06	6.73	9.47	7.53	9.97	7.58	10.30	7.55	10.96	7.94	11.34	7.75
	36	7.38	6.68	8.05	6.72	9.40	7.51	9.92	7.56	10.20	7.51	10.76	7.88	11.12	7.68
	38	7.38	6.68	8.03	6.72	9.26	7.45	9.82	7.52	10.00	7.43	10.37	7.74	10.68	7.54
	39	7.38	6.68	8.02	6.71	9.19	7.41	9.77	7.50	9.90	7.39	10.17	7.67	10.46	7.45
	41	7.38	6.68	7.99	6.70	8.91	7.29	9.37	7.33	9.49	7.23	9.72	7.50	9.97	7.30
	43	7.38	6.68	7.96	6.69	8.64	7.16	8.97	7.15	9.07	7.04	9.27	7.35	9.48	7.15

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	6.54	6.54	6.54	6.54	6.54
	-17.8	-18	6.96	6.96	6.96	6.96	6.96
	-15.7	-16	7.38	7.38	7.38	7.38	7.38
	-13.7	-14	7.81	7.81	7.81	7.81	7.81
	-11.7	-12	8.23	8.23	8.23	8.23	8.23
Hi	-9.6	-10	8.65	8.65	8.65	8.65	8.65
	-7.5	-8	9.17	9.17	9.17	9.17	9.17
26	-5.5	-6	9.70	9.70	9.70	9.70	9.70
(m^3/min)	-3.4	-4	10.04	10.03	10.01	9.91	9.81
	-1.3	-2	10.38	10.35	10.32	10.12	9.93
	0.8	0	10.94	10.79	10.63	10.25	9.87
	3.9	3	11.87	11.45	11.03	10.41	9.79
	7.0	6	12.97	12.13	11.28	10.49	9.70
	10.1	9	12.89	12.06	11.24	10.43	9.62
	13.2	12	12.80	11.99	11.17	10.35	9.53
	16.9	15.5	12.70	11.89	11.07	10.25	9.43

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			7.63	6.17	9.12	6.97	9.87	7.14	10.50	7.24	11.76	7.79	12.21	7.59
	12			7.63	6.17	9.12	6.97	9.87	7.14	10.49	7.24	11.72	7.77	12.16	7.57
	14			7.63	6.17	9.12	6.97	9.87	7.14	10.47	7.23	11.68	7.76	12.11	7.56
	16			7.63	6.17	9.12	6.97	9.87	7.14	10.46	7.22	11.63	7.74	12.05	7.54
	18			7.63	6.17	9.12	6.97	9.87	7.14	10.44	7.21	11.59	7.73	12.00	7.52
Me	20			7.63	6.17	9.12	6.97	9.87	7.14	10.43	7.21	11.55	7.71	11.95	7.50
	22			7.62	6.17	9.12	6.97	9.87	7.14	10.38	7.19	11.40	7.66	11.79	7.45
23	24			7.61	6.16	9.12	6.97	9.87	7.14	10.33	7.16	11.26	7.60	11.62	7.39
(m^3/min)	26			7.60	6.16	9.07	6.95	9.78	7.10	10.21	7.11	11.08	7.54	11.44	7.33
	28	6.89	6.08	7.60	6.16	9.03	6.93	9.68	7.06	10.09	7.07	10.90	7.47	11.27	7.27
	30	6.89	6.08	7.58	6.15	8.96	6.91	9.59	7.02	9.97	7.02	10.73	7.41	11.10	7.22
	32	6.89	6.08	7.56	6.14	8.89	6.88	9.50	6.99	9.85	6.97	10.57	7.35	10.93	7.16
	34	6.89	6.08	7.53	6.13	8.86	6.87	9.37	6.94	9.70	6.91	10.35	7.27	10.70	7.08
	35	6.89	6.08	7.52	6.12	8.84	6.86	9.31	6.91	9.62	6.88	10.23	7.23	10.59	7.05
	36	6.89	6.08	7.51	6.12	8.78	6.83	9.26	6.88	9.53	6.85	10.05	7.17	10.38	6.97
	38	6.89	6.08	7.49	6.11	8.64	6.77	9.17	6.84	9.34	6.76	9.68	7.02	9.97	6.83
	39	6.89	6.08	7.49	6.11	8.58	6.75	9.12	6.82	9.25	6.73	9.50	6.96	9.77	6.77
	41	6.89	6.08	7.46	6.10	8.32	6.64	8.75	6.68	8.86	6.58	9.08	6.81	9.31	6.63
	43	6.89	6.08	7.43	6.08	8.06	6.52	8.38	6.53	8.47	6.42	8.66	6.66	8.85	6.47

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	5.89	5.89	5.89	5.89	5.89
	-17.8	-18	6.27	6.27	6.27	6.27	6.27
	-15.7	-16	6.64	6.64	6.64	6.64	6.64
	-13.7	-14	7.02	7.02	7.02	7.02	7.02
	-11.7	-12	7.40	7.40	7.40	7.40	7.40
Me	-9.6	-10	7.78	7.78	7.78	7.78	7.78
	-7.5	-8	8.26	8.26	8.26	8.26	8.26
23	-5.5	-6	8.73	8.73	8.73	8.73	8.73
(m^3/min)	-3.4	-4	9.03	9.02	9.01	8.92	8.83
	-1.3	-2	9.34	9.31	9.29	9.11	8.93
	0.8	0	9.85	9.71	9.57	9.22	8.88
	3.9	3	10.68	10.30	9.92	9.36	8.81
	7.0	6	11.67	10.91	10.15	9.44	8.73
	10.1	9	11.60	10.85	10.11	9.38	8.65
	13.2	12	11.52	10.78	10.05	9.31	8.58
	16.9	15.5	11.43	10.70	9.96	9.22	8.49

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			5.65	4.56	6.75	5.17	7.30	5.28	7.77	5.35	8.70	5.76	9.04	5.62
	12			5.65	4.56	6.75	5.17	7.30	5.28	7.76	5.35	8.67	5.75	9.00	5.60
	14			5.65	4.56	6.75	5.17	7.30	5.28	7.75	5.35	8.64	5.74	8.96	5.59
	16			5.65	4.56	6.75	5.17	7.30	5.28	7.74	5.34	8.61	5.73	8.92	5.57
	18			5.65	4.56	6.75	5.17	7.30	5.28	7.73	5.34	8.58	5.72	8.88	5.56
Lo	20			5.65	4.56	6.75	5.17	7.30	5.28	7.72	5.33	8.55	5.70	8.84	5.55
	22			5.64	4.56	6.75	5.17	7.30	5.28	7.68	5.32	8.44	5.66	8.72	5.50
17	24			5.63	4.56	6.75	5.17	7.30	5.28	7.65	5.31	8.33	5.62	8.60	5.47
(m^3/min)	26			5.63	4.56	6.71	5.14	7.23	5.25	7.56	5.26	8.20	5.58	8.47	5.42
	28	5.10	4.50	5.62	4.55	6.68	5.13	7.17	5.22	7.47	5.23	8.07	5.53	8.34	5.38
	30	5.10	4.50	5.61	4.55	6.63	5.11	7.10	5.20	7.38	5.19	7.94	5.48	8.21	5.34
	32	5.10	4.50	5.59	4.54	6.58	5.09	7.03	5.17	7.29	5.16	7.82	5.44	8.09	5.30
	34	5.10	4.50	5.58	4.53	6.56	5.08	6.94	5.13	7.18	5.11	7.66	5.38	7.92	5.24
	35	5.10	4.50	5.57	4.53	6.55	5.07	6.89	5.11	7.12	5.09	7.57	5.35	7.84	5.21
	36	5.10	4.50	5.56	4.52	6.50	5.05	6.86	5.09	7.05	5.06	7.44	5.30	7.68	5.15
	38	5.10	4.50	5.55	4.52	6.40	5.01	6.79	5.06	6.91	5.00	7.17	5.20	7.38	5.05
	39	5.10	4.50	5.54	4.52	6.35	4.99	6.75	5.05	6.84	4.97	7.03	5.15	7.23	5.01
	41	5.10	4.50	5.52	4.51	6.16	4.91	6.48	4.94	6.56	4.87	6.72	5.04	6.89	4.90
	43	5.10	4.50	5.50	4.50	5.97	4.83	6.20	4.83	6.27	4.75	6.41	4.92	6.55	4.78

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	4.81	4.81	4.81	4.81	4.81
	-17.8	-18	5.12	5.12	5.12	5.12	5.12
	-15.7	-16	5.43	5.43	5.43	5.43	5.43
	-13.7	-14	5.74	5.74	5.74	5.74	5.74
	-11.7	-12	6.05	6.05	6.05	6.05	6.05
Lo	-9.6	-10	6.36	6.36	6.36	6.36	6.36
	-7.5	-8	6.75	6.75	6.75	6.75	6.75
17	-5.5	-6	7.14	7.14	7.14	7.14	7.14
(m^3/min)	-3.4	-4	7.39	7.38	7.37	7.29	7.22
	-1.3	-2	7.64	7.62	7.59	7.45	7.30
	0.8	0	8.05	7.94	7.82	7.54	7.26
	3.9	3	8.74	8.42	8.11	7.66	7.20
	7.0	6	9.55	8.92	8.30	7.72	7.14
	10.1	9	9.48	8.88	8.27	7.67	7.08
	13.2	12	9.42	8.82	8.22	7.62	7.01
	16.9	15.5	9.35	8.75	8.14	7.54	6.94

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJF000Z452 A

Model **FDT140KXZE1** Cooling Mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			11.48	9.60	13.72	10.86	14.84	11.07	15.79	11.22	17.69	12.12	18.36	11.82
	12			11.48	9.60	13.72	10.86	14.84	11.07	15.77	11.21	17.62	12.09	18.28	11.79
	14			11.48	9.60	13.72	10.86	14.84	11.07	15.75	11.20	17.56	12.07	18.20	11.77
	16			11.48	9.60	13.72	10.86	14.84	11.07	15.72	11.19	17.49	12.05	18.13	11.75
	18			11.48	9.60	13.72	10.86	14.84	11.07	15.70	11.18	17.43	12.02	18.05	11.72
P-Hi	20			11.48	9.60	13.72	10.86	14.84	11.07	15.68	11.17	17.37	12.00	17.97	11.69
	22			11.46	9.59	13.71	10.85	14.84	11.07	15.61	11.15	17.15	11.92	17.72	11.59
38	24			11.44	9.58	13.71	10.85	14.84	11.07	15.54	11.12	16.93	11.85	17.48	11.51
(m³/min)	26			11.43	9.58	13.64	10.82	14.70	11.02	15.35	11.05	16.66	11.73	17.21	11.43
	28	10.36	9.46	11.42	9.58	13.58	10.80	14.56	10.96	15.17	10.96	16.39	11.63	16.94	11.34
	30	10.36	9.46	11.40	9.57	13.48	10.74	14.42	10.91	14.99	10.90	16.14	11.55	16.69	11.24
	32	10.36	9.46	11.37	9.55	13.37	10.70	14.28	10.85	14.82	10.83	15.89	11.44	16.43	11.16
	34	10.36	9.46	11.33	9.54	13.32	10.68	14.09	10.78	14.58	10.74	15.56	11.33	16.09	11.05
	35	10.36	9.46	11.31	9.53	13.30	10.67	14.00	10.74	14.46	10.70	15.39	11.27	15.92	11.00
	36	10.36	9.46	11.30	9.52	13.20	10.63	13.93	10.72	14.32	10.64	15.11	11.17	15.61	10.83
	38	10.36	9.46	11.27	9.51	13.00	10.55	13.79	10.64	14.05	10.52	14.56	10.92	15.00	10.64
	39	10.36	9.46	11.26	9.51	12.90	10.51	13.72	10.62	13.91	10.47	14.28	10.83	14.69	10.55
	41	10.36	9.46	11.22	9.49	12.51	10.35	13.16	10.40	13.32	10.25	13.65	10.62	14.00	10.33
	43	10.36	9.46	11.18	9.47	12.13	10.18	12.60	10.17	12.74	10.02	13.02	10.40	13.31	10.12

Heating Mode (kW)

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	9.28	9.28	9.28	9.28	9.28
	-17.8	-18	9.88	9.88	9.88	9.88	9.88
	-15.7	-16	10.47	10.47	10.47	10.47	10.47
	-13.7	-14	11.07	11.07	11.07	11.07	11.07
	-11.7	-12	11.67	11.67	11.67	11.67	11.67
P-Hi	-9.6	-10	12.27	12.27	12.27	12.27	12.27
	-7.5	-8	13.01	13.01	13.01	13.01	13.01
38	-5.5	-6	13.76	13.76	13.76	13.76	13.76
(m³/min)	-3.4	-4	14.24	14.22	14.20	14.06	13.92
	-1.3	-2	14.72	14.68	14.64	14.36	14.08
	0.8	0	15.52	15.30	15.08	14.54	14.00
	3.9	3	16.84	16.24	15.64	14.76	13.88
	7.0	6	18.40	17.20	16.00	14.88	13.76
	10.1	9	18.28	17.11	15.94	14.79	13.64
	13.2	12	18.16	17.00	15.84	14.68	13.52
	16.9	15.5	18.02	16.86	15.70	14.54	13.38

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			10.28	7.96	12.29	9.02	13.29	9.25	14.14	9.38	15.84	10.12	16.45	9.84
	12			10.28	7.96	12.29	9.02	13.29	9.25	14.12	9.37	15.78	10.08	16.38	9.81
	14			10.28	7.96	12.29	9.02	13.29	9.25	14.10	9.36	15.73	10.06	16.31	9.79
	16			10.28	7.96	12.29	9.02	13.29	9.25	14.08	9.35	15.67	10.04	16.24	9.76
	18			10.28	7.96	12.29	9.02	13.29	9.25	14.07	9.35	15.61	10.02	16.16	9.73
Hi	20			10.28	7.96	12.29	9.02	13.29	9.25	14.05	9.34	15.55	9.99	16.09	9.71
	22			10.26	7.95	12.28	9.02	13.29	9.25	13.98	9.31	15.36	9.92	15.87	9.63
28	24			10.25	7.95	12.28	9.02	13.29	9.25	13.92	9.28	15.16	9.84	15.65	9.51
(m³/min)	26			10.24	7.94	12.22	8.99	13.17	9.18	13.75	9.21	14.92	9.74	15.41	9.43
	28	9.28	7.83	10.23	7.94	12.16	8.96	13.04	9.13	13.59	9.15	14.68	9.62	15.17	9.35
	30	9.28	7.83	10.21	7.93	12.07	8.91	12.92	9.08	13.43	9.07	14.46	9.54	14.95	9.27
	32	9.28	7.83	10.18	7.92	11.98	8.87	12.79	9.02	13.27	9.01	14.24	9.45	14.72	9.19
	34	9.28	7.83	10.15	7.90	11.93	8.85	12.62	8.95	13.06	8.92	13.93	9.34	14.42	9.09
	35	9.28	7.83	10.13	7.89	11.91	8.84	12.54	8.92	12.95	8.88	13.78	9.28	14.26	9.03
	36	9.28	7.83	10.12	7.89	11.82	8.80	12.48	8.89	12.83	8.83	13.54	9.20	13.99	8.94
	38	9.28	7.83	10.09	7.88	11.64	8.73	12.35	8.84	12.58	8.72	13.04	9.01	13.43	8.76
	39	9.28	7.83	10.08	7.87	11.55	8.69	12.29	8.80	12.46	8.67	12.79	8.92	13.16	8.67
	41	9.28	7.83	10.05	7.86	11.21	8.55	11.79	8.60	11.93	8.46	12.23	8.72	12.54	8.45
	43	9.28	7.83	10.01	7.84	10.86	8.39	11.29	8.38	11.41	8.25	11.66	8.50	11.92	8.25

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	7.81	7.81	7.81	7.81	7.81
	-17.8	-18	8.32	8.32	8.32	8.32	8.32
	-15.7	-16	8.82	8.82	8.82	8.82	8.82
	-13.7	-14	9.32	9.32	9.32	9.32	9.32
	-11.7	-12	9.82	9.82	9.82	9.82	9.82
Hi	-9.6	-10	10.33	10.33	10.33	10.33	10.33
	-7.5	-8	10.96	10.96	10.96	10.96	10.96
28	-5.5	-6	11.58	11.58	11.58	11.58	11.58
(m³/min)	-3.4	-4	11.99	11.97	11.95	11.84	11.72
	-1.3	-2	12.39	12.36	12.33	12.09	11.85
	0.8	0	13.07	12.88	12.70	12.24	11.79
	3.9	3	14.18	13.67	13.17	12.43	11.69
	7.0	6	15.49	14.48	13.47	12.53	11.58
	10.1	9	15.39	14.40	13.42	12.45	11.48
	13.2	12	15.29	14.31	13.34	12.36	11.38
	16.9	15.5	15.17	14.19	13.22	12.24	11.26

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			9.38	7.20	11.21	8.16	12.13	8.37	12.90	8.50	14.45	9.16	15.01	8.91
	12			9.38	7.20	11.21	8.16	12.13	8.37	12.88	8.49	14.40	9.14	14.94	8.89
	14			9.38	7.20	11.21	8.16	12.13	8.37	12.87	8.48	14.35	9.12	14.88	8.86
	16			9.38	7.20	11.21	8.16	12.13	8.37	12.85	8.48	14.29	9.09	14.81	8.83
	18			9.38	7.20	11.21	8.16	12.13	8.37	12.83	8.47	14.24	9.07	14.75	8.81
Me	20			9.38	7.20	11.21	8.16	12.13	8.37	12.81	8.45	14.19	9.05	14.68	8.78
	22			9.36	7.19	11.21	8.16	12.13	8.37	12.75	8.42	14.01	8.97	14.48	8.71
25	24			9.35	7.19	11.20	8.15	12.13	8.37	12.69	8.40	13.83	8.90	14.28	8.64
(m³/min)	26			9.34	7.18	11.15	8.13	12.01	8.32	12.55	8.34	13.61	8.82	14.06	8.55
	28	8.47	7.09	9.34	7.18	11.10	8.11	11.90	8.27	12.40	8.28	13.39	8.73	13.84	8.45
	30	8.47	7.09	9.31	7.17	11.01	8.07	11.78	8.21	12.25	8.22	13.19	8.62	13.64	8.38
	32	8.47	7.09	9.29	7.16	10.93	8.03	11.67	8.16	12.11	8.16	12.99	8.55	13.43	8.30
	34	8.47	7.09	9.26	7.15	10.89	8.02	11.52	8.10	11.91	8.07	12.71	8.44	13.15	8.21
	35	8.47	7.09	9.24	7.14	10.87	8.01	11.44	8.06	11.82	8.03	12.58	8.39	13.01	8.16
	36	8.47	7.09	9.23	7.13	10.79	7.96	11.38	8.04	11.70	7.98	12.35	8.31	12.76	8.08
	38	8.47	7.09	9.21	7.12	10.62	7.89	11.27	7.99	11.48	7.89	11.90	8.14	12.25	7.90
	39	8.47	7.09	9.20	7.12	10.54	7.86	11.21	7.97	11.36	7.85	11.67	8.06	12.00	7.82
	41	8.47	7.09	9.17	7.11	10.22	7.72	10.75	7.77	10.89	7.65	11.15	7.87	11.44	7.64
	43	8.47	7.09	9.13	7.09	9.91	7.58	10.30	7.58	10.41	7.46	10.64	7.67	10.88	7.44

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	7.15	7.15	7.15	7.15	7.15
	-17.8	-18	7.61	7.61	7.61	7.61	7.61
	-15.7	-16	8.07	8.07	8.07	8.07	8.07
	-13.7	-14	8.53	8.53	8.53	8.53	8.53
	-11.7	-12	8.99	8.99	8.99	8.99	8.99
Me	-9.6	-10	9.45	9.45	9.45	9.45	9.45
	-7.5	-8	10.03	10.03	10.03	10.03	10.03
25	-5.5	-6	10.60	10.60	10.60	10.60	10.60
(m³/min)	-3.4	-4	10.97	10.96	10.94	10.83	10.73
	-1.3	-2	11.34	11.31	11.28	11.07	10.85
	0.8	0	11.96	11.79	11.62	11.20	10.79
	3.9	3	12.98	12.51	12.05	11.37	10.70
	7.0	6	14.18	13.25	12.33	11.47	10.60
	10.1	9	14.09	13.19	12.28	11.40	10.51
	13.2	12	13.99	13.10	12.21	11.31	10.42
	16.9	15.5	13.89	12.99	12.10	11.20	10.31

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			6.93	5.29	8.28	5.98	8.96	6.14	9.53	6.24	10.67	6.72	11.08	6.53
	12			6.93	5.29	8.28	5.98	8.96	6.14	9.52	6.24	10.64	6.70	11.04	6.52
	14			6.93	5.29	8.28	5.98	8.96	6.14	9.50	6.23	10.60	6.69	10.99	6.50
	16			6.93	5.29	8.28	5.98	8.96	6.14	9.49	6.22	10.56	6.67	10.94	6.48
	18			6.93	5.29	8.28	5.98	8.96	6.14	9.48	6.22	10.52	6.66	10.89	6.46
Lo	20			6.93	5.29	8.28	5.98	8.96	6.14	9.47	6.22	10.48	6.64	10.84	6.44
	22			6.92	5.28	8.28	5.98	8.96	6.14	9.42	6.19	10.35	6.59	10.70	6.39
18	24			6.91	5.28	8.27	5.97	8.96	6.14	9.38	6.18	10.22	6.54	10.55	6.34
(m³/min)	26			6.90	5.27	8.24	5.96	8.87	6.10	9.27	6.13	10.06	6.48	10.39	6.28
	28	6.25	5.20	6.90	5.27	8.20	5.94	8.79	6.07	9.16	6.08	9.89	6.41	10.22	6.22
	30	6.25	5.20	6.88	5.26	8.13	5.91	8.70	6.03	9.05	6.03	9.74	6.35	10.07	6.16
	32	6.25	5.20	6.86	5.25	8.07	5.88	8.62	5.98	8.94	5.99	9.59	6.29	9.92	6.11
	34	6.25	5.20	6.84	5.25	8.04	5.87	8.51	5.93	8.80	5.91	9.39	6.21	9.71	6.04
	35	6.25	5.20	6.83	5.24	8.03	5.87	8.45	5.91	8.73	5.88	9.29	6.17	9.61	6.00
	36	6.25	5.20	6.82	5.24	7.97	5.84	8.41	5.89	8.65	5.85	9.12	6.11	9.42	5.94
	38	6.25	5.20	6.80	5.23	7.85	5.79	8.32	5.85	8.48	5.78	8.79	5.97	9.05	5.80
	39	6.25	5.20	6.79	5.22	7.79	5.76	8.28	5.84	8.39	5.75	8.62	5.91	8.86	5.74
	41	6.25	5.20	6.77	5.21	7.55	5.66	7.94	5.69	8.04	5.60	8.24	5.77	8.45	5.60
	43	6.25	5.20	6.75	5.21	7.32	5.56	7.61	5.56	7.69	5.47	7.86	5.63	8.03	5.45

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	5.71	5.71	5.71	5.71	5.71
	-17.8	-18	6.07	6.07	6.07	6.07	6.07
	-15.7	-16	6.44	6.44	6.44	6.44	6.44
	-13.7	-14	6.81	6.81	6.81	6.81	6.81
	-11.7	-12	7.18	7.18	7.18	7.18	7.18
Lo	-9.6	-10	7.54	7.54	7.54	7.54	7.54
	-7.5	-8	8.00	8.00	8.00	8.00	8.00
18	-5.5	-6	8.46	8.46	8.46	8.46	8.46
(m³/min)	-3.4	-4	8.76	8.75	8.73	8.65	8.56
	-1.3	-2	9.05	9.03	9.00	8.83	8.66
	0.8	0	9.54	9.41	9.27	8.94	8.61
	3.9	3	10.36	9.99	9.62	9.08	8.54
	7.0	6	11.32	10.58	9.84	9.15	8.46
	10.1	9	11.24	10.52	9.80	9.10	8.39
	13.2	12	11.17	10.46	9.74	9.03	8.31
	16.9	15.5	11.08	10.37	9.66	8.94	8.23

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJF000Z452 A

Model **FDT160KXZE1** Cooling Mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			13.12	10.25	15.68	11.60	16.96	11.88	18.04	12.05	20.21	13.01	20.99	12.65
	12			13.12	10.25	15.68	11.60	16.96	11.88	18.02	12.04	20.14	12.98	20.90	12.62
	14			13.12	10.25	15.68	11.60	16.96	11.88	18.00	12.03	20.07	12.94	20.81	12.59
	16			13.12	10.25	15.68	11.60	16.96	11.88	17.97	12.02	19.99	12.91	20.72	12.56
	18			13.12	10.25	15.68	11.60	16.96	11.88	17.95	12.01	19.92	12.88	20.62	12.51
P-Hi	20			13.12	10.25	15.68	11.60	16.96	11.88	17.92	12.00	19.85	12.86	20.53	12.48
	22			13.10	10.24	15.67	11.60	16.96	11.88	17.84	11.97	19.60	12.77	20.25	12.39
38	24			13.08	10.23	15.67	11.60	16.96	11.88	17.75	11.93	19.34	12.65	19.97	12.23
(m^3/min)	26			13.07	10.23	15.59	11.56	16.80	11.81	17.55	11.85	19.04	12.54	19.67	12.13
	28	11.84	10.05	13.06	10.22	15.52	11.52	16.64	11.75	17.34	11.75	18.73	12.37	19.36	12.03
	30	11.84	10.05	13.02	10.21	15.40	11.47	16.48	11.67	17.14	11.68	18.45	12.27	19.07	11.94
	32	11.84	10.05	12.99	10.19	15.28	11.42	16.32	11.60	16.93	11.58	18.16	12.17	18.78	11.84
	34	11.84	10.05	12.95	10.16	15.23	11.40	16.11	11.52	16.66	11.47	17.78	12.03	18.39	11.72
	35	11.84	10.05	12.93	10.15	15.20	11.38	16.00	11.47	16.53	11.42	17.59	11.97	18.20	11.66
	36	11.84	10.05	12.91	10.14	15.09	11.34	15.92	11.42	16.37	11.36	17.27	11.86	17.85	11.52
	38	11.84	10.05	12.88	10.13	14.86	11.23	15.76	11.36	16.05	11.22	16.64	11.61	17.14	11.28
	39	11.84	10.05	12.86	10.12	14.74	11.18	15.68	11.33	15.89	11.16	16.32	11.49	16.79	11.17
	41	11.84	10.05	12.82	10.10	14.30	11.00	15.04	11.06	15.23	10.89	15.60	11.22	16.00	10.90
	43	11.84	10.05	12.77	10.08	13.86	10.80	14.40	10.79	14.56	10.62	14.87	10.97	15.21	10.63

Heating Mode (kW)

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	10.44	10.44	10.44	10.44	10.44
	-17.8	-18	11.11	11.11	11.11	11.11	11.11
	-15.7	-16	11.78	11.78	11.78	11.78	11.78
	-13.7	-14	12.46	12.46	12.46	12.46	12.46
	-11.7	-12	13.13	13.13	13.13	13.13	13.13
P-Hi	-9.6	-10	13.80	13.80	13.80	13.80	13.80
	-7.5	-8	14.64	14.64	14.64	14.64	14.64
38	-5.5	-6	15.48	15.48	15.48	15.48	15.48
(m^3/min)	-3.4	-4	16.02	16.00	15.98	15.82	15.66
	-1.3	-2	16.56	16.52	16.47	16.16	15.84
	0.8	0	17.46	17.21	16.97	16.36	15.75
	3.9	3	18.95	18.27	17.60	16.61	15.62
	7.0	6	20.70	19.35	18.00	16.74	15.48
	10.1	9	20.57	19.25	17.93	16.64	15.35
	13.2	12	20.43	19.13	17.82	16.52	15.21
	16.9	15.5	20.27	18.97	17.66	16.36	15.05

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			11.71	8.78	14.00	9.95	15.15	10.22	16.12	10.39	18.05	11.17	18.74	10.85
	12			11.71	8.78	14.00	9.95	15.15	10.22	16.09	10.38	17.99	11.14	18.66	10.82
	14			11.71	8.78	14.00	9.95	15.15	10.22	16.07	10.37	17.92	11.12	18.58	10.79
	16			11.71	8.78	14.00	9.95	15.15	10.22	16.05	10.36	17.86	11.09	18.50	10.76
	18			11.71	8.78	14.00	9.95	15.15	10.22	16.03	10.36	17.79	11.06	18.42	10.73
Hi	20			11.71	8.78	14.00	9.95	15.15	10.22	16.01	10.35	17.73	11.04	18.34	10.70
	22			11.70	8.78	14.00	9.95	15.15	10.22	15.93	10.31	17.50	10.95	18.09	10.61
29	24			11.68	8.77	13.99	9.94	15.15	10.22	15.86	10.27	17.28	10.86	17.84	10.52
(m^3/min)	26			11.67	8.76	13.93	9.92	15.00	10.16	15.67	10.19	17.00	10.75	17.57	10.42
	28	10.57	8.62	11.66	8.76	13.86	9.88	14.86	10.10	15.49	10.11	16.73	10.64	17.29	10.32
	30	10.57	8.62	11.63	8.74	13.75	9.84	14.72	10.04	15.30	10.03	16.48	10.54	17.03	10.23
	32	10.57	8.62	11.60	8.73	13.65	9.79	14.58	9.97	15.12	9.96	16.22	10.44	16.77	10.13
	34	10.57	8.62	11.57	8.72	13.60	9.77	14.39	9.88	14.88	9.86	15.88	10.31	16.43	10.01
	35	10.57	8.62	11.55	8.71	13.58	9.74	14.29	9.84	14.76	9.79	15.71	10.24	16.25	9.93
	36	10.57	8.62	11.53	8.70	13.47	9.69	14.22	9.81	14.62	9.73	15.43	10.12	15.94	9.83
	38	10.57	8.62	11.50	8.67	13.27	9.60	14.08	9.75	14.34	9.59	14.86	9.90	15.31	9.61
	39	10.57	8.62	11.49	8.67	13.17	9.55	14.00	9.71	14.20	9.53	14.58	9.80	14.99	9.50
	41	10.57	8.62	11.45	8.65	12.77	9.38	13.43	9.44	13.60	9.29	13.93	9.54	14.29	9.25
	43	10.57	8.62	11.41	8.63	12.38	9.21	12.86	9.20	13.00	9.05	13.28	9.30	13.59	9.01

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	8.25	8.25	8.25	8.25	8.25
	-17.8	-18	8.78	8.78	8.78	8.78	8.78
	-15.7	-16	9.32	9.32	9.32	9.32	9.32
	-13.7	-14	9.85	9.85	9.85	9.85	9.85
	-11.7	-12	10.38	10.38	10.38	10.38	10.38
Hi	-9.6	-10	10.91	10.91	10.91	10.91	10.91
	-7.5	-8	11.57	11.57	11.57	11.57	11.57
29	-5.5	-6	12.24	12.24	12.24	12.24	12.24
(m^3/min)	-3.4	-4	12.66	12.65	12.63	12.50	12.38
	-1.3	-2	13.09	13.06	13.02	12.77	12.52
	0.8	0	13.80	13.61	13.41	12.93	12.45
	3.9	3	14.98	14.44	13.91	13.13	12.34
	7.0	6	16.36	15.30	14.23	13.23	12.24
	10.1	9	16.26	15.22	14.18	13.15	12.13
	13.2	12	16.15	15.12	14.09	13.06	12.02
	16.9	15.5	16.03	14.99	13.96	12.93	11.90

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			11.02	8.15	13.17	9.24	14.25	9.50	15.16	9.66	16.98	10.41	17.63	10.11
	12			11.02	8.15	13.17	9.24	14.25	9.50	15.14	9.65	16.92	10.39	17.55	10.08
	14			11.02	8.15	13.17	9.24	14.25	9.50	15.12	9.65	16.86	10.36	17.48	10.05
	16			11.02	8.15	13.17	9.24	14.25	9.50	15.10	9.64	16.79	10.33	17.40	10.02
	18			11.02	8.15	13.17	9.24	14.25	9.50	15.08	9.63	16.73	10.31	17.32	9.98
Me	20			11.02	8.15	13.17	9.24	14.25	9.50	15.05	9.61	16.67	10.28	17.25	9.95
	22			11.00	8.14	13.16	9.24	14.25	9.50	14.98	9.58	16.46	10.18	17.01	9.86
26	24			10.99	8.14	13.16	9.24	14.25	9.50	14.91	9.55	16.25	10.09	16.78	9.77
(m^3/min)	26			10.98	8.13	13.10	9.21	14.11	9.43	14.74	9.48	15.99	9.99	16.52	9.68
	28	9.95	7.99	10.97	8.13	13.04	9.18	13.98	9.38	14.56	9.39	15.74	9.89	16.26	9.58
	30	9.95	7.99	10.94	8.11	12.94	9.14	13.84	9.31	14.39	9.31	15.50	9.79	16.02	9.49
	32	9.95	7.99	10.91	8.10	12.84	9.09	13.71	9.25	14.22	9.24	15.26	9.68	15.78	9.39
	34	9.95	7.99	10.88	8.07	12.79	9.06	13.53	9.17	14.00	9.15	14.93	9.55	15.45	9.27
	35	9.95	7.99	10.86	8.06	12.77	9.05	13.44	9.13	13.88	9.10	14.77	9.49	15.29	9.21
	36	9.95	7.99	10.85	8.06	12.67	9.00	13.37	9.10	13.75	9.04	14.51	9.38	14.99	9.11
	38	9.95	7.99	10.82	8.05	12.48	8.92	13.24	9.05	13.48	8.93	13.98	9.18	14.40	8.90
	39	9.95	7.99	10.81	8.04	12.38	8.87	13.17	9.02	13.35	8.87	13.71	9.06	14.10	8.78
	41	9.95	7.99	10.77	8.02	12.01	8.71	12.63	8.77	12.79	8.63	13.10	8.83	13.44	8.55
	43	9.95	7.99	10.73	8.00	11.64	8.54	12.10	8.54	12.23	8.40	12.49	8.60	12.78	8.32

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	7.56	7.56	7.56	7.56	7.56
	-17.8	-18	8.05	8.05	8.05	8.05	8.05
	-15.7	-16	8.54	8.54	8.54	8.54	8.54
	-13.7	-14	9.02	9.02	9.02	9.02	9.02
	-11.7	-12	9.51	9.51	9.51	9.51	9.51
Me	-9.6	-10	10.00	10.00	10.00	10.00	10.00
	-7.5	-8	10.61	10.61	10.61	10.61	10.61
26	-5.5	-6	11.21	11.21	11.21	11.21	11.21
(m^3/min)	-3.4	-4	11.61	11.59	11.57	11.46	11.34
	-1.3	-2	12.00	11.96	11.93	11.70	11.48
	0.8	0	12.65	12.47	12.29	11.85	11.41
	3.9	3	13.72	13.24	12.75	12.03	11.31
	7.0	6	15.00	14.02	13.04	12.13	11.21
	10.1	9	14.90	13.94	12.99	12.05	11.12
	13.2	12	14.80	13.86	12.91	11.96	11.02
	16.9	15.5	14.69	13.74	12.80	11.85	10.90

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			8.29	6.09	9.91	6.91	10.72	7.10	11.40	7.22	12.77	7.79	13.26	7.56
	12			8.29	6.09	9.91	6.91	10.72	7.10	11.39	7.22	12.73	7.77	13.20	7.54
	14			8.29	6.09	9.91	6.91	10.72	7.10	11.37	7.21	12.68	7.75	13.15	7.52
	16			8.29	6.09	9.91	6.91	10.72	7.10	11.36	7.20	12.63	7.72	13.09	7.49
	18			8.29	6.09	9.91	6.91	10.72	7.10	11.34	7.19	12.59	7.71	13.03	7.47
Lo	20			8.29	6.09	9.91	6.91	10.72	7.10	11.32	7.19	12.54	7.69	12.97	7.44
	22			8.28	6.08	9.90	6.91	10.72	7.10	11.27	7.16	12.38	7.62	12.80	7.38
19	24			8.26	6.07	9.90	6.91	10.72	7.10	11.22	7.14	12.22	7.55	12.62	7.31
(m^3/min)	26			8.26	6.07	9.85	6.88	10.62	7.06	11.09	7.08	12.03	7.47	12.43	7.24
	28	7.48	5.97	8.25	6.07	9.81	6.86	10.51	7.01	10.96	7.03	11.84	7.38	12.23	7.15
	30	7.48	5.97	8.23	6.06	9.73	6.83	10.41	6.96	10.83	6.97	11.66	7.31	12.05	7.08
	32	7.48	5.97	8.21	6.05	9.66	6.79	10.31	6.92	10.70	6.91	11.48	7.24	11.87	7.02
	34	7.48	5.97	8.18	6.03	9.62	6.78	10.18	6.86	10.53	6.84	11.23	7.13	11.62	6.92
	35	7.48	5.97	8.17	6.03	9.60	6.77	10.11	6.83	10.44	6.80	11.11	7.09	11.50	6.88
	36	7.48	5.97	8.16	6.02	9.53	6.73	10.06	6.80	10.34	6.75	10.91	7.00	11.28	6.80
	38	7.48	5.97	8.14	6.01	9.39	6.67	9.96	6.76	10.14	6.67	10.51	6.85	10.83	6.64
	39	7.48	5.97	8.13	6.01	9.31	6.63	9.91	6.74	10.04	6.63	10.31	6.77	10.61	6.56
	41	7.48	5.97	8.10	6.00	9.04	6.50	9.50	6.56	9.62	6.45	9.86	6.59	10.11	6.38
	43	7.48	5.97	8.07	5.98	8.76	6.38	9.10	6.37	9.20	6.26	9.40	6.41	9.61	6.20

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	5.88	5.88	5.88	5.88	5.88
	-17.8	-18	6.26	6.26	6.26	6.26	6.26
	-15.7	-16	6.64	6.64	6.64	6.64	6.64
	-13.7	-14	7.02	7.02	7.02	7.02	7.02
	-11.7	-12	7.40	7.40	7.40	7.40	7.40
Lo	-9.6	-10	7.77	7.77	7.77	7.77	7.77
	-7.5	-8	8.25	8.25	8.25	8.25	8.25
19	-5.5	-6	8.72	8.72	8.72	8.72	8.72
(m^3/min)	-3.4	-4	9.02	9.01	9.00	8.91	8.82
	-1.3	-2	9.33	9.30	9.28	9.10	8.92
	0.8	0	9.84	9.70	9.56	9.21	8.87
	3.9	3	10.67	10.29	9.91	9.35	8.80
	7.0	6	11.66	10.90	10.14	9.43	8.72
	10.1	9	11.58	10.84	10.10	9.37	8.64
	13.2	12	11.51	10.77	10.04	9.30	8.57
	16.9	15.5	11.42	10.69	9.95	9.21	8.48

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJF000Z452 A

(2) Ceiling cassette-4 way compact type (FDTC)

Model **FDTC15KXZE1** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			1.23	1.18	1.47	1.41	1.59	1.53	1.69	1.62	1.89	1.81	1.97	1.89
	12			1.23	1.18	1.47	1.41	1.59	1.53	1.69	1.62	1.89	1.81	1.96	1.88
	14			1.23	1.18	1.47	1.41	1.59	1.53	1.69	1.62	1.88	1.80	1.95	1.87
	16			1.23	1.18	1.47	1.41	1.59	1.53	1.68	1.61	1.87	1.80	1.94	1.86
	18			1.23	1.18	1.47	1.41	1.59	1.53	1.68	1.61	1.87	1.80	1.93	1.85
P-Hi	20			1.23	1.18	1.47	1.41	1.59	1.53	1.68	1.61	1.86	1.79	1.93	1.85
	22			1.23	1.18	1.47	1.41	1.59	1.53	1.67	1.60	1.84	1.77	1.90	1.82
8	24			1.23	1.18	1.47	1.41	1.59	1.53	1.66	1.59	1.81	1.74	1.87	1.80
(m³/min)	26			1.23	1.18	1.46	1.40	1.58	1.52	1.64	1.57	1.78	1.71	1.84	1.77
	28	1.11	1.07	1.22	1.17	1.46	1.40	1.56	1.50	1.63	1.56	1.76	1.69	1.81	1.74
	30	1.11	1.07	1.22	1.17	1.44	1.38	1.55	1.49	1.61	1.55	1.73	1.66	1.79	1.72
	32	1.11	1.07	1.22	1.17	1.43	1.37	1.53	1.47	1.59	1.53	1.70	1.63	1.76	1.69
	34	1.11	1.07	1.21	1.16	1.43	1.37	1.51	1.45	1.56	1.50	1.67	1.60	1.72	1.65
	35	1.11	1.07	1.21	1.16	1.43	1.37	1.50	1.44	1.55	1.49	1.65	1.58	1.71	1.64
	36	1.11	1.07	1.21	1.16	1.41	1.35	1.49	1.43	1.53	1.47	1.62	1.56	1.67	1.60
	38	1.11	1.07	1.21	1.16	1.39	1.33	1.48	1.42	1.51	1.45	1.56	1.50	1.61	1.55
	39	1.11	1.07	1.21	1.16	1.38	1.32	1.47	1.41	1.49	1.43	1.53	1.47	1.57	1.51
	41	1.11	1.07	1.20	1.15	1.34	1.29	1.41	1.35	1.43	1.37	1.46	1.40	1.50	1.44
	43	1.11	1.07	1.20	1.15	1.30	1.25	1.35	1.30	1.36	1.31	1.39	1.33	1.43	1.37

Heating mode (kW)

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	0.99	0.99	0.99	0.99	0.99
	-17.8	-18	1.05	1.05	1.05	1.05	1.05
	-15.7	-16	1.11	1.11	1.11	1.11	1.11
	-13.7	-14	1.18	1.18	1.18	1.18	1.18
	-11.7	-12	1.24	1.24	1.24	1.24	1.24
P-Hi	-9.6	-10	1.30	1.30	1.30	1.30	1.30
	-7.5	-8	1.38	1.38	1.38	1.38	1.38
8	-5.5	-6	1.46	1.46	1.46	1.46	1.46
(m³/min)	-3.4	-4	1.51	1.51	1.51	1.49	1.48
	-1.3	-2	1.56	1.56	1.56	1.53	1.50
	0.8	0	1.65	1.63	1.60	1.54	1.49
	3.9	3	1.79	1.73	1.66	1.57	1.47
	7.0	6	1.96	1.83	1.70	1.58	1.46
	10.1	9	1.94	1.82	1.69	1.57	1.45
	13.2	12	1.93	1.81	1.68	1.56	1.44
	16.9	15.5	1.91	1.79	1.67	1.54	1.42

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			1.14	1.09	1.36	1.31	1.47	1.41	1.56	1.50	1.75	1.68	1.82	1.70
	12			1.14	1.09	1.36	1.31	1.47	1.41	1.56	1.50	1.74	1.67	1.81	1.70
	14			1.14	1.09	1.36	1.31	1.47	1.41	1.56	1.50	1.74	1.67	1.80	1.69
	16			1.14	1.09	1.36	1.31	1.47	1.41	1.56	1.50	1.73	1.66	1.79	1.69
	18			1.14	1.09	1.36	1.31	1.47	1.41	1.55	1.49	1.72	1.65	1.79	1.69
Hi	20			1.14	1.09	1.36	1.31	1.47	1.41	1.55	1.49	1.72	1.65	1.78	1.69
	22			1.13	1.08	1.36	1.31	1.47	1.41	1.54	1.48	1.70	1.63	1.75	1.68
7	24			1.13	1.08	1.36	1.31	1.47	1.41	1.54	1.48	1.67	1.60	1.73	1.66
(m³/min)	26			1.13	1.08	1.35	1.30	1.45	1.39	1.52	1.46	1.65	1.58	1.70	1.63
	28	1.02	0.98	1.13	1.08	1.34	1.29	1.44	1.38	1.50	1.44	1.62	1.56	1.68	1.61
	30	1.02	0.98	1.13	1.08	1.33	1.28	1.43	1.37	1.48	1.42	1.60	1.54	1.65	1.58
	32	1.02	0.98	1.12	1.08	1.32	1.27	1.41	1.35	1.47	1.41	1.57	1.51	1.63	1.56
	34	1.02	0.98	1.12	1.08	1.32	1.27	1.39	1.33	1.44	1.38	1.54	1.48	1.59	1.53
	35	1.02	0.98	1.12	1.08	1.32	1.27	1.39	1.33	1.43	1.37	1.52	1.46	1.58	1.52
	36	1.02	0.98	1.12	1.08	1.31	1.26	1.38	1.32	1.42	1.36	1.50	1.44	1.54	1.48
	38	1.02	0.98	1.12	1.08	1.29	1.24	1.36	1.31	1.39	1.33	1.44	1.38	1.48	1.42
	39	1.02	0.98	1.11	1.07	1.28	1.23	1.36	1.31	1.38	1.32	1.41	1.35	1.45	1.39
	41	1.02	0.98	1.11	1.07	1.24	1.19	1.30	1.25	1.32	1.27	1.35	1.30	1.38	1.32
	43	1.02	0.98	1.11	1.07	1.20	1.15	1.25	1.20	1.26	1.21	1.29	1.24	1.32	1.27

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	0.90	0.90	0.90	0.90	0.90
	-17.8	-18	0.96	0.96	0.96	0.96	0.96
	-15.7	-16	1.01	1.01	1.01	1.01	1.01
	-13.7	-14	1.07	1.07	1.07	1.07	1.07
	-11.7	-12	1.13	1.13	1.13	1.13	1.13
Hi	-9.6	-10	1.19	1.19	1.19	1.19	1.19
	-7.5	-8	1.26	1.26	1.26	1.26	1.26
7	-5.5	-6	1.33	1.33	1.33	1.33	1.33
(m³/min)	-3.4	-4	1.38	1.37	1.37	1.36	1.35
	-1.3	-2	1.42	1.42	1.42	1.39	1.36
	0.8	0	1.50	1.48	1.46	1.41	1.35
	3.9	3	1.63	1.57	1.51	1.43	1.34
	7.0	6	1.78	1.66	1.55	1.44	1.33
	10.1	9	1.77	1.65	1.54	1.43	1.32
	13.2	12	1.76	1.64	1.53	1.42	1.31
	16.9	15.5	1.74	1.63	1.52	1.41	1.29

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			1.03	0.99	1.23	1.18	1.33	1.28	1.41	1.35	1.58	1.51	1.64	1.49
	12			1.03	0.99	1.23	1.18	1.33	1.28	1.41	1.35	1.58	1.51	1.64	1.49
	14			1.03	0.99	1.23	1.18	1.33	1.28	1.41	1.35	1.57	1.51	1.63	1.48
	16			1.03	0.99	1.23	1.18	1.33	1.28	1.41	1.35	1.57	1.51	1.62	1.48
	18			1.03	0.99	1.23	1.18	1.33	1.28	1.41	1.35	1.56	1.50	1.62	1.48
Me	20			1.03	0.99	1.23	1.18	1.33	1.28	1.40	1.34	1.56	1.50	1.61	1.48
	22			1.03	0.99	1.23	1.18	1.33	1.28	1.40	1.34	1.54	1.48	1.59	1.47
6	24			1.02	0.98	1.23	1.18	1.33	1.28	1.39	1.33	1.52	1.46	1.57	1.47
(m³/min)	26			1.02	0.98	1.22	1.17	1.32	1.27	1.37	1.32	1.49	1.43	1.54	1.46
	28	0.93	0.89	1.02	0.98	1.22	1.17	1.30	1.25	1.36	1.31	1.47	1.41	1.52	1.45
	30	0.93	0.89	1.02	0.98	1.21	1.16	1.29	1.24	1.34	1.29	1.45	1.39	1.49	1.43
	32	0.93	0.89	1.02	0.98	1.20	1.15	1.28	1.23	1.33	1.28	1.42	1.36	1.47	1.41
	34	0.93	0.89	1.01	0.97	1.19	1.14	1.26	1.21	1.31	1.26	1.39	1.33	1.44	1.38
	35	0.93	0.89	1.01	0.97	1.19	1.14	1.25	1.20	1.30	1.25	1.38	1.32	1.43	1.37
	36	0.93	0.89	1.01	0.97	1.18	1.13	1.25	1.20	1.28	1.23	1.35	1.30	1.40	1.34
	38	0.93	0.89	1.01	0.97	1.16	1.11	1.23	1.18	1.26	1.21	1.30	1.25	1.34	1.29
	39	0.93	0.89	1.01	0.97	1.16	1.11	1.23	1.18	1.25	1.20	1.28	1.23	1.32	1.27
	41	0.93	0.89	1.00	0.96	1.12	1.08	1.18	1.13	1.19	1.14	1.22	1.17	1.25	1.20
	43	0.93	0.89	1.00	0.96	1.09	1.05	1.13	1.08	1.14	1.09	1.17	1.12	1.19	1.14

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	0.80	0.80	0.80	0.80	0.80
	-17.8	-18	0.85	0.85	0.85	0.85	0.85
	-15.7	-16	0.90	0.90	0.90	0.90	0.90
	-13.7	-14	0.95	0.95	0.95	0.95	0.95
	-11.7	-12	1.01	1.01	1.01	1.01	1.01
Me	-9.6	-10	1.06	1.06	1.06	1.06	1.06
	-7.5	-8	1.12	1.12	1.12	1.12	1.12
6	-5.5	-6	1.19	1.19	1.19	1.19	1.19
(m³/min)	-3.4	-4	1.23	1.23	1.22	1.21	1.20
	-1.3	-2	1.27	1.27	1.26	1.24	1.21
	0.8	0	1.34	1.32	1.30	1.25	1.21
	3.9	3	1.45	1.40	1.35	1.27	1.20
	7.0	6	1.59	1.48	1.38	1.28	1.19
	10.1	9	1.58	1.48	1.37	1.28	1.18
	13.2	12	1.57	1.47	1.37	1.27	1.17
	16.9	15.5	1.55	1.45	1.35	1.25	1.15

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			0.90	0.86	1.08	1.04	1.17	1.12	1.24	1.19	1.39	1.29	1.45	1.27
	12			0.90	0.86	1.08	1.04	1.17	1.12	1.24	1.19	1.39	1.29	1.44	1.26
	14			0.90	0.86	1.08	1.04	1.17	1.12	1.24	1.19	1.38	1.29	1.43	1.26
	16			0.90	0.86	1.08	1.04	1.17	1.12	1.24	1.19	1.38	1.29	1.43	1.26
	18			0.90	0.86	1.08	1.04	1.17	1.12	1.24	1.19	1.37	1.28	1.42	1.26
Lo	20			0.90	0.86	1.08	1.04	1.17	1.12	1.24	1.19	1.37	1.28	1.42	1.26
	22			0.90	0.86	1.08	1.04	1.17	1.12	1.23	1.18	1.35	1.28	1.40	1.25
5	24			0.90	0.86	1.08	1.04	1.17	1.12	1.22	1.17	1.33	1.27	1.38	1.25
(m³/min)	26			0.90	0.86	1.07	1.03	1.16	1.11	1.21	1.16	1.31	1.26	1.36	1.24
	28	0.82	0.79	0.90	0.86	1.07	1.03	1.15	1.10	1.19	1.14	1.29	1.24	1.33	1.23
	30	0.82	0.79	0.90	0.86	1.06	1.02	1.14	1.09	1.18	1.13	1.27	1.22	1.31	1.22
	32	0.82	0.79	0.90	0.86	1.05	1.01	1.12	1.08	1.17	1.12	1.25	1.20	1.29	1.22
	34	0.82	0.79	0.89	0.85	1.05	1.01	1.11	1.07	1.15	1.10	1.23	1.18	1.27	1.21
	35	0.82	0.79	0.89	0.85	1.05	1.01	1.10	1.06	1.14	1.09	1.21	1.16	1.25	1.20
	36	0.82	0.79	0.89	0.85	1.04	1.00	1.10	1.06	1.13	1.08	1.19	1.14	1.23	1.18
	38	0.82	0.79	0.89	0.85	1.02	0.98	1.09	1.05	1.11	1.07	1.15	1.10	1.18	1.13
	39	0.82	0.79	0.89	0.85	1.02	0.98	1.08	1.04	1.10	1.06	1.13	1.08	1.16	1.11
	41	0.82	0.79	0.88	0.84	0.99	0.95	1.04	1.00	1.05	1.01	1.08	1.04	1.10	1.06
	43	0.82	0.79	0.88	0.84	0.96	0.92	0.99	0.95	1.00	0.96	1.03	0.99	1.05	1.01

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	0.69	0.69	0.69	0.69	0.69
	-17.8	-18	0.74	0.74	0.74	0.74	0.74
	-15.7	-16	0.78	0.78	0.78	0.78	0.78
	-13.7	-14	0.83	0.83	0.83	0.83	0.83
	-11.7	-12	0.87	0.87	0.87	0.87	0.87
Lo	-9.6	-10	0.92	0.92	0.92	0.92	0.92
	-7.5	-8	0.97	0.97	0.97	0.97	0.97
5	-5.5	-6	1.03	1.03	1.03	1.03	1.03
(m³/min)	-3.4	-4	1.06	1.06	1.06	1.05	1.04
	-1.3	-2	1.10	1.10	1.09	1.07	1.05
	0.8	0	1.16	1.14	1.13	1.09	1.05
	3.9	3	1.26	1.21	1.17	1.10	1.04
	7.0	6	1.38	1.29	1.20	1.11	1.03
	10.1	9	1.37	1.28	1.19	1.11	1.02
	13.2	12	1.36	1.27	1.18	1.10	1.01
	16.9	15.5	1.35	1.26	1.17	1.09	1.00

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJF000Z513

Model **FDTC22KXZE1** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
P-Hi	10			1.80	1.73	2.16	2.07	2.33	2.18	2.48	2.20	2.78	2.39	2.89	2.34
	12			1.80	1.73	2.16	2.07	2.33	2.18	2.48	2.20	2.77	2.39	2.87	2.34
	14			1.80	1.73	2.16	2.07	2.33	2.18	2.47	2.19	2.76	2.38	2.86	2.33
	16			1.80	1.73	2.16	2.07	2.33	2.18	2.47	2.19	2.75	2.38	2.85	2.33
	18			1.80	1.73	2.16	2.07	2.33	2.18	2.47	2.19	2.74	2.38	2.84	2.33
	20			1.80	1.73	2.16	2.07	2.33	2.18	2.46	2.19	2.73	2.37	2.82	2.32
	22			1.80	1.73	2.15	2.06	2.33	2.18	2.45	2.19	2.69	2.36	2.78	2.31
9	24			1.80	1.73	2.15	2.06	2.33	2.18	2.44	2.18	2.66	2.35	2.75	2.30
(m³/min)	26			1.80	1.73	2.14	2.05	2.31	2.17	2.41	2.17	2.62	2.34	2.70	2.29
	28	1.63	1.56	1.80	1.73	2.13	2.04	2.29	2.17	2.38	2.16	2.58	2.32	2.66	2.27
	30	1.63	1.56	1.79	1.72	2.12	2.04	2.27	2.16	2.36	2.16	2.54	2.31	2.62	2.26
	32	1.63	1.56	1.79	1.72	2.10	2.02	2.24	2.15	2.33	2.14	2.50	2.30	2.58	2.25
	34	1.63	1.56	1.78	1.71	2.09	2.01	2.21	2.12	2.29	2.13	2.44	2.28	2.53	2.24
	35	1.63	1.56	1.78	1.71	2.09	2.01	2.20	2.11	2.27	2.12	2.42	2.27	2.50	2.23
	36	1.63	1.56	1.78	1.71	2.07	1.99	2.19	2.10	2.25	2.12	2.37	2.26	2.45	2.21
	38	1.63	1.56	1.77	1.70	2.04	1.96	2.17	2.08	2.21	2.10	2.29	2.20	2.36	2.19
	39	1.63	1.56	1.77	1.70	2.03	1.95	2.16	2.07	2.19	2.10	2.24	2.15	2.31	2.17
	41	1.63	1.56	1.76	1.69	1.97	1.89	2.07	1.99	2.09	2.01	2.14	2.05	2.20	2.11
	43	1.63	1.56	1.76	1.69	1.91	1.83	1.98	1.90	2.00	1.92	2.05	1.97	2.09	2.01

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
P-Hi	-19.8	-20	1.45	1.45	1.45	1.45	1.45
	-17.8	-18	1.54	1.54	1.54	1.54	1.54
	-15.7	-16	1.64	1.64	1.64	1.64	1.64
	-13.7	-14	1.73	1.73	1.73	1.73	1.73
	-11.7	-12	1.82	1.82	1.82	1.82	1.82
	-9.6	-10	1.92	1.92	1.92	1.92	1.92
	-7.5	-8	2.03	2.03	2.03	2.03	2.03
9	-5.5	-6	2.15	2.15	2.15	2.15	2.15
(m³/min)	-3.4	-4	2.23	2.22	2.22	2.20	2.18
	-1.3	-2	2.30	2.29	2.29	2.24	2.20
	0.8	0	2.43	2.39	2.36	2.27	2.19
	3.9	3	2.63	2.54	2.44	2.31	2.17
	7.0	6	2.88	2.69	2.50	2.33	2.15
	10.1	9	2.86	2.67	2.49	2.31	2.13
	13.2	12	2.84	2.66	2.48	2.29	2.11
	16.9	15.5	2.82	2.63	2.45	2.27	2.09

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Hi	10			1.67	1.60	1.99	1.91	2.16	1.98	2.29	2.00	2.57	2.16	2.67	2.12
	12			1.67	1.60	1.99	1.91	2.16	1.98	2.29	2.00	2.56	2.16	2.66	2.11
	14			1.67	1.60	1.99	1.91	2.16	1.98	2.29	2.00	2.55	2.15	2.64	2.11
	16			1.67	1.60	1.99	1.91	2.16	1.98	2.28	1.99	2.54	2.15	2.63	2.11
	18			1.67	1.60	1.99	1.91	2.16	1.98	2.28	1.99	2.53	2.15	2.62	2.10
	20			1.67	1.60	1.99	1.91	2.16	1.98	2.28	1.99	2.52	2.14	2.61	2.10
	22			1.66	1.59	1.99	1.91	2.16	1.98	2.27	1.99	2.49	2.13	2.57	2.09
8	24			1.66	1.59	1.99	1.91	2.16	1.98	2.26	1.99	2.46	2.12	2.54	2.08
(m³/min)	26			1.66	1.59	1.98	1.90	2.14	1.98	2.23	1.97	2.42	2.11	2.50	2.07
	28	1.50	1.44	1.66	1.59	1.97	1.89	2.11	1.96	2.20	1.96	2.38	2.10	2.46	2.05
	30	1.50	1.44	1.66	1.59	1.96	1.88	2.09	1.96	2.18	1.96	2.34	2.09	2.42	2.04
	32	1.50	1.44	1.65	1.58	1.94	1.86	2.07	1.95	2.15	1.95	2.31	2.08	2.39	2.03
	34	1.50	1.44	1.65	1.58	1.94	1.86	2.05	1.94	2.12	1.94	2.26	2.06	2.34	2.02
	35	1.50	1.44	1.64	1.57	1.93	1.85	2.03	1.94	2.10	1.93	2.24	2.05	2.31	2.01
	36	1.50	1.44	1.64	1.57	1.92	1.84	2.02	1.93	2.08	1.92	2.20	2.04	2.27	2.00
	38	1.50	1.44	1.64	1.57	1.89	1.81	2.00	1.92	2.04	1.91	2.12	2.01	2.18	1.97
	39	1.50	1.44	1.64	1.57	1.87	1.80	1.99	1.91	2.02	1.90	2.07	1.99	2.13	1.96
	41	1.50	1.44	1.63	1.56	1.82	1.75	1.91	1.83	1.94	1.86	1.98	1.90	2.03	1.93
	43	1.50	1.44	1.62	1.56	1.76	1.69	1.83	1.76	1.85	1.78	1.89	1.81	1.93	1.85

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Hi	-19.8	-20	1.33	1.33	1.33	1.33	1.33
	-17.8	-18	1.42	1.42	1.42	1.42	1.42
	-15.7	-16	1.51	1.51	1.51	1.51	1.51
	-13.7	-14	1.59	1.59	1.59	1.59	1.59
	-11.7	-12	1.68	1.68	1.68	1.68	1.68
	-9.6	-10	1.76	1.76	1.76	1.76	1.76
	-7.5	-8	1.87	1.87	1.87	1.87	1.87
8	-5.5	-6	1.98	1.98	1.98	1.98	1.98
(m³/min)	-3.4	-4	2.05	2.04	2.04	2.02	2.00
	-1.3	-2	2.12	2.11	2.11	2.07	2.02
	0.8	0	2.23	2.20	2.17	2.09	2.01
	3.9	3	2.42	2.34	2.25	2.12	2.00
	7.0	6	2.65	2.47	2.30	2.14	1.98
	10.1	9	2.63	2.46	2.29	2.13	1.96
	13.2	12	2.61	2.44	2.28	2.11	1.94
	16.9	15.5	2.59	2.42	2.26	2.09	1.92

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Me	10			1.52	1.46	1.81	1.74	1.96	1.77	2.09	1.78	2.34	1.94	2.43	1.90
	12			1.52	1.46	1.81	1.74	1.96	1.77	2.08	1.78	2.33	1.93	2.42	1.90
	14			1.52	1.46	1.81	1.74	1.96	1.77	2.08	1.78	2.32	1.93	2.41	1.89
	16			1.52	1.46	1.81	1.74	1.96	1.77	2.08	1.78	2.31	1.93	2.40	1.89
	18			1.52	1.46	1.81	1.74	1.96	1.77	2.08	1.78	2.30	1.92	2.39	1.89
	20			1.52	1.46	1.81	1.74	1.96	1.77	2.07	1.78	2.30	1.92	2.38	1.88
	22			1.51	1.45	1.81	1.74	1.96	1.77	2.06	1.77	2.27	1.91	2.34	1.87
7	24			1.51	1.45	1.81	1.74	1.96	1.77	2.05	1.77	2.24	1.90	2.31	1.86
(m³/min)	26			1.51	1.45	1.80	1.73	1.94	1.76	2.03	1.76	2.20	1.89	2.27	1.85
	28	1.37	1.32	1.51	1.45	1.80	1.73	1.92	1.75	2.01	1.75	2.17	1.88	2.24	1.84
	30	1.37	1.32	1.51	1.45	1.78	1.71	1.91	1.75	1.98	1.74	2.13	1.87	2.21	1.83
	32	1.37	1.32	1.50	1.44	1.77	1.70	1.89	1.74	1.96	1.74	2.10	1.86	2.17	1.82
	34	1.37	1.32	1.50	1.44	1.76	1.69	1.86	1.73	1.93	1.73	2.06	1.85	2.13	1.81
	35	1.37	1.32	1.50	1.44	1.76	1.69	1.85	1.73	1.91	1.72	2.03	1.84	2.11	1.80
	36	1.37	1.32	1.49	1.43	1.74	1.67	1.84	1.72	1.89	1.71	2.00	1.83	2.06	1.79
	38	1.37	1.32	1.49	1.43	1.72	1.65	1.82	1.72	1.86	1.70	1.92	1.80	1.98	1.76
	39	1.37	1.32	1.49	1.43	1.71	1.64	1.81	1.71	1.84	1.69	1.89	1.79	1.94	1.75
	41	1.37	1.32	1.48	1.42	1.65	1.58	1.74	1.67	1.76	1.67	1.80	1.73	1.85	1.72
	43	1.37	1.32	1.48	1.42	1.60	1.54	1.67	1.60	1.68	1.61	1.72	1.65	1.76	1.69

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Me	-19.8	-20	1.21	1.21	1.21	1.21	1.21
	-17.8	-18	1.29	1.29	1.29	1.29	1.29
	-15.7	-16	1.37	1.37	1.37	1.37	1.37
	-13.7	-14	1.44	1.44	1.44	1.44	1.44
	-11.7	-12	1.52	1.52	1.52	1.52	1.52
	-9.6	-10	1.60	1.60	1.60	1.60	1.60
	-7.5	-8	1.70	1.70	1.70	1.70	1.70
7	-5.5	-6	1.79	1.79	1.79	1.79	1.79
(m³/min)	-3.4	-4	1.86	1.85	1.85	1.83	1.82
	-1.3	-2	1.92	1.91	1.91	1.87	1.84
	0.8	0	2.02	1.99	1.97	1.90	1.83
	3.9	3	2.20	2.12	2.04	1.92	1.81
	7.0	6	2.40	2.24	2.09	1.94	1.79
	10.1	9	2.38	2.23	2.08	1.93	1.78
	13.2	12	2.37	2.22	2.07	1.91	1.76
	16.9	15.5	2.35	2.20	2.05	1.90	1.74

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Lo	10			1.35	1.30	1.62	1.53	1.75	1.55	1.86	1.56	2.08	1.69	2.16	1.66
	12			1.35	1.30	1.62	1.53	1.75	1.55	1.86	1.56	2.08	1.69	2.15	1.66
	14			1.35	1.30	1.62	1.53	1.75	1.55	1.85	1.56	2.07	1.69	2.14	1.65
	16			1.35	1.30	1.62	1.53	1.75	1.55	1.85	1.56	2.06	1.69	2.14	1.65
	18			1.35	1.30	1.62	1.53	1.75	1.55	1.85	1.56	2.05	1.68	2.13	1.65
	20			1.35	1.30	1.62	1.53	1.75	1.55	1.85	1.56	2.05	1.68	2.12	1.65
	22			1.35	1.30	1.62	1.53	1.75	1.55	1.84	1.55	2.02	1.67	2.09	1.64
6	24			1.35	1.30	1.61	1.52	1.75	1.55	1.83	1.55	1.99	1.66	2.06	1.63
(m³/min)	26			1.35	1.30	1.61	1.52	1.73	1.54	1.81	1.54	1.96	1.65	2.03	1.62
	28	1.22	1.17	1.35	1.30	1.60	1.52	1.72	1.54	1.79	1.54	1.93	1.64	2.00	1.61
	30	1.22	1.17	1.34	1.29	1.59	1.52	1.70	1.53	1.77	1.53	1.90	1.63	1.97	1.60
	32	1.22	1.17	1.34	1.29	1.57	1.51	1.68	1.52	1.75	1.52	1.87	1.62	1.94	1.59
	34	1.22	1.17	1.33	1.28	1.57	1.51	1.66	1.52	1.72	1.51	1.83	1.61	1.90	1.58
	35	1.22	1.17	1.33	1.28	1.57	1.51	1.65	1.51	1.70	1.50	1.81	1.60	1.88	1.57
	36	1.22	1.17	1.33	1.28	1.55	1.49	1.64	1.51	1.69	1.50	1.78	1.59	1.84	1.56
	38	1.22	1.17	1.33	1.28	1.53	1.47	1.62	1.50	1.65	1.49	1.72	1.57	1.77	1.54
	39	1.22	1.17	1.33	1.28	1.52	1.46	1.62	1.50	1.64	1.48	1.68	1.56	1.73	1.53
	41	1.22	1.17	1.32	1.27	1.47	1.41	1.55	1.48	1.57	1.46	1.61	1.54	1.65	1.50
	43	1.22	1.17	1.32	1.27	1.43	1.37	1.48	1.42	1.50	1.43	1.53	1.47	1.57	1.48

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Lo	-19.8	-20	1.07	1.07	1.07	1.07	1.07
	-17.8	-18	1.14	1.14	1.14	1.14	1.14
	-15.7	-16	1.21	1.21	1.21	1.21	1.21
	-13.7	-14	1.28	1.28	1.28	1.28	1.28
	-11.7	-12	1.35	1.35	1.35	1.35	1.35
	-9.6	-10	1.42	1.42	1.42	1.42	1.42
	-7.5	-8	1.51	1.51	1.51	1.51	1.51
6	-5.5	-6	1.59	1.59	1.59	1.59	1.59
(m³/min)	-3.4	-4	1.65	1.65	1.64	1.63	1.61
	-1.3	-2	1.70	1.70	1.70	1.66	1.63
	0.8	0	1.80	1.77	1.75	1.68	1.62
	3.9	3	1.95	1.88	1.81	1.71	1.61
	7.0	6	2.13	1.99	1.85	1.72	1.59
	10.1	9	2.12	1.98	1.85	1.71	1.58
	13.2	12	2.10	1.97	1.83	1.70	1.57
	16.9	15.5	2.09	1.95	1.82	1.68	1.55

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJF000Z513

Model **FDTC28KXZE1** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
P-Hi	10			2.30	2.11	2.74	2.38	2.97	2.42	3.16	2.45	3.54	2.65	3.67	2.59
	12			2.30	2.11	2.74	2.38	2.97	2.42	3.15	2.45	3.52	2.65	3.66	2.59
	14			2.30	2.11	2.74	2.38	2.97	2.42	3.15	2.45	3.51	2.64	3.64	2.58
	16			2.30	2.11	2.74	2.38	2.97	2.42	3.14	2.44	3.50	2.64	3.63	2.58
	18			2.30	2.11	2.74	2.38	2.97	2.42	3.14	2.44	3.49	2.64	3.61	2.57
	20			2.30	2.11	2.74	2.38	2.97	2.42	3.14	2.44	3.47	2.63	3.59	2.57
	22			2.29	2.11	2.74	2.38	2.97	2.42	3.12	2.44	3.43	2.62	3.54	2.55
9	24			2.29	2.11	2.74	2.38	2.97	2.42	3.11	2.43	3.39	2.60	3.50	2.54
(m³/min)	26			2.29	2.11	2.73	2.38	2.94	2.41	3.07	2.42	3.33	2.58	3.44	2.52
	28	2.07	1.99	2.28	2.11	2.72	2.37	2.91	2.40	3.03	2.40	3.28	2.56	3.39	2.50
	30	2.07	1.99	2.28	2.11	2.70	2.37	2.88	2.39	3.00	2.39	3.23	2.54	3.34	2.49
	32	2.07	1.99	2.27	2.10	2.67	2.35	2.86	2.38	2.96	2.37	3.18	2.53	3.29	2.47
	34	2.07	1.99	2.27	2.10	2.66	2.35	2.82	2.37	2.92	2.36	3.11	2.50	3.22	2.45
	35	2.07	1.99	2.26	2.10	2.66	2.35	2.80	2.36	2.89	2.35	3.08	2.49	3.18	2.44
	36	2.07	1.99	2.26	2.10	2.64	2.34	2.79	2.36	2.86	2.34	3.02	2.47	3.12	2.42
	38	2.07	1.99	2.25	2.09	2.60	2.33	2.76	2.34	2.81	2.32	2.91	2.44	3.00	2.38
	39	2.07	1.99	2.25	2.09	2.58	2.32	2.74	2.34	2.78	2.31	2.86	2.42	2.94	2.36
	41	2.07	1.99	2.24	2.09	2.50	2.29	2.63	2.30	2.66	2.27	2.73	2.37	2.80	2.32
	43	2.07	1.99	2.24	2.09	2.43	2.26	2.52	2.26	2.55	2.23	2.60	2.33	2.66	2.27

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
P-Hi	-19.8	-20	1.86	1.86	1.86	1.86	1.86
	-17.8	-18	1.98	1.98	1.98	1.98	1.98
	-15.7	-16	2.09	2.09	2.09	2.09	2.09
	-13.7	-14	2.21	2.21	2.21	2.21	2.21
	-11.7	-12	2.33	2.33	2.33	2.33	2.33
	-9.6	-10	2.45	2.45	2.45	2.45	2.45
	-7.5	-8	2.60	2.60	2.60	2.60	2.60
9	-5.5	-6	2.75	2.75	2.75	2.75	2.75
(m³/min)	-3.4	-4	2.85	2.84	2.84	2.81	2.78
	-1.3	-2	2.94	2.94	2.93	2.87	2.82
	0.8	0	3.10	3.06	3.02	2.91	2.80
	3.9	3	3.37	3.25	3.13	2.95	2.78
	7.0	6	3.68	3.44	3.20	2.98	2.75
	10.1	9	3.66	3.42	3.19	2.96	2.73
	13.2	12	3.63	3.40	3.17	2.94	2.70
	16.9	15.5	3.60	3.37	3.14	2.91	2.68

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Hi	10			2.12	1.92	2.54	2.17	2.74	2.21	2.92	2.23	3.27	2.42	3.39	2.36
	12			2.12	1.92	2.54	2.17	2.74	2.21	2.91	2.23	3.26	2.41	3.38	2.35
	14			2.12	1.92	2.54	2.17	2.74	2.21	2.91	2.23	3.25	2.41	3.37	2.35
	16			2.12	1.92	2.54	2.17	2.74	2.21	2.91	2.23	3.23	2.40	3.35	2.34
	18			2.12	1.92	2.54	2.17	2.74	2.21	2.90	2.22	3.22	2.40	3.34	2.34
	20			2.12	1.92	2.54	2.17	2.74	2.21	2.90	2.22	3.21	2.39	3.32	2.33
	22			2.12	1.92	2.54	2.17	2.74	2.21	2.89	2.22	3.17	2.38	3.28	2.32
8	24			2.12	1.92	2.53	2.17	2.74	2.21	2.87	2.21	3.13	2.36	3.23	2.31
(m³/min)	26			2.11	1.92	2.52	2.16	2.72	2.20	2.84	2.20	3.08	2.35	3.18	2.29
	28	1.92	1.84	2.11	1.92	2.51	2.16	2.69	2.19	2.80	2.19	3.03	2.33	3.13	2.27
	30	1.92	1.84	2.11	1.92	2.49	2.15	2.67	2.18	2.77	2.17	2.98	2.31	3.08	2.26
	32	1.92	1.84	2.10	1.91	2.47	2.14	2.64	2.17	2.74	2.16	2.94	2.30	3.04	2.25
	34	1.92	1.84	2.09	1.91	2.46	2.14	2.61	2.16	2.70	2.15	2.88	2.28	2.98	2.21
	35	1.92	1.84	2.09	1.91	2.46	2.14	2.59	2.15	2.67	2.14	2.85	2.27	2.94	2.20
	36	1.92	1.84	2.09	1.91	2.44	2.13	2.58	2.14	2.65	2.13	2.79	2.23	2.89	2.19
	38	1.92	1.84	2.08	1.90	2.40	2.11	2.55	2.13	2.60	2.11	2.69	2.20	2.77	2.15
	39	1.92	1.84	2.08	1.90	2.38	2.11	2.54	2.13	2.57	2.10	2.64	2.18	2.72	2.13
	41	1.92	1.84	2.07	1.90	2.31	2.08	2.43	2.09	2.46	2.06	2.52	2.14	2.59	2.09
	43	1.92	1.84	2.07	1.90	2.24	2.05	2.33	2.05	2.36	2.02	2.41	2.11	2.46	2.05

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Hi	-19.8	-20	1.71	1.71	1.71	1.71	1.71
	-17.8	-18	1.82	1.82	1.82	1.82	1.82
	-15.7	-16	1.93	1.93	1.93	1.93	1.93
	-13.7	-14	2.04	2.04	2.04	2.04	2.04
	-11.7	-12	2.15	2.15	2.15	2.15	2.15
	-9.6	-10	2.26	2.26	2.26	2.26	2.26
	-7.5	-8	2.40	2.40	2.40	2.40	2.40
8	-5.5	-6	2.53	2.53	2.53	2.53	2.53
(m³/min)	-3.4	-4	2.62	2.62	2.61	2.59	2.56
	-1.3	-2	2.71	2.70	2.69	2.64	2.59
	0.8	0	2.86	2.82	2.78	2.68	2.58
	3.9	3	3.10	2.99	2.88	2.72	2.56
	7.0	6	3.39	3.17	2.95	2.74	2.53
	10.1	9	3.36	3.15	2.93	2.72	2.51
	13.2	12	3.34	3.13	2.92	2.70	2.49
	16.9	15.5	3.32	3.10	2.89	2.68	2.46

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Me	10			1.93	1.72	2.31	1.94	2.50	1.97	2.66	1.99	2.98	2.16	3.09	2.11
	12			1.93	1.72	2.31	1.94	2.50	1.97	2.65	1.99	2.96	2.16	3.08	2.11
	14			1.93	1.72	2.31	1.94	2.50	1.97	2.65	1.99	2.95	2.15	3.06	2.10
	16			1.93	1.72	2.31	1.94	2.50	1.97	2.65	1.99	2.94	2.15	3.05	2.10
	18			1.93	1.72	2.31	1.94	2.50	1.97	2.64	1.99	2.93	2.15	3.04	2.10
	20			1.93	1.72	2.31	1.94	2.50	1.97	2.64	1.99	2.92	2.14	3.02	2.09
	22			1.93	1.72	2.31	1.94	2.50	1.97	2.63	1.98	2.88	2.13	2.98	2.08
7	24			1.93	1.72	2.31	1.94	2.50	1.97	2.61	1.98	2.85	2.12	2.94	2.06
(m³/min)	26			1.92	1.71	2.30	1.93	2.47	1.96	2.58	1.96	2.80	2.10	2.90	2.05
	28	1.74	1.67	1.92	1.71	2.28	1.93	2.45	1.95	2.55	1.95	2.76	2.09	2.85	2.03
	30	1.74	1.67	1.92	1.71	2.27	1.92	2.43	1.95	2.52	1.94	2.72	2.07	2.81	2.02
	32	1.74	1.67	1.91	1.71	2.25	1.91	2.40	1.93	2.49	1.93	2.67	2.05	2.76	2.01
	34	1.74	1.67	1.91	1.71	2.24	1.91	2.37	1.92	2.45	1.92	2.62	2.04	2.71	1.99
	35	1.74	1.67	1.90	1.70	2.24	1.91	2.36	1.92	2.43	1.91	2.59	2.03	2.68	1.98
	36	1.74	1.67	1.90	1.70	2.22	1.90	2.34	1.91	2.41	1.90	2.54	2.01	2.63	1.96
	38	1.74	1.67	1.90	1.70	2.19	1.89	2.32	1.90	2.36	1.88	2.45	1.98	2.52	1.93
	39	1.74	1.67	1.89	1.70	2.17	1.88	2.31	1.90	2.34	1.87	2.40	1.96	2.47	1.91
	41	1.74	1.67	1.89	1.70	2.11	1.86	2.21	1.86	2.24	1.84	2.30	1.92	2.36	1.88
	43	1.74	1.67	1.88	1.70	2.04	1.83	2.12	1.83	2.14	1.80	2.19	1.89	2.24	1.84

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Me	-19.8	-20	1.55	1.55	1.55	1.55	1.55
	-17.8	-18	1.65	1.65	1.65	1.65	1.65
	-15.7	-16	1.75	1.75	1.75	1.75	1.75
	-13.7	-14	1.85	1.85	1.85	1.85	1.85
	-11.7	-12	1.95	1.95	1.95	1.95	1.95
	-9.6	-10	2.05	2.05	2.05	2.05	2.05
	-7.5	-8	2.17	2.17	2.17	2.17	2.17
7	-5.5	-6	2.30	2.30	2.30	2.30	2.30
(m³/min)	-3.4	-4	2.38	2.37	2.37	2.35	2.32
	-1.3	-2	2.46	2.45	2.44	2.40	2.35
	0.8	0	2.59	2.55	2.52	2.43	2.34
	3.9	3	2.81	2.71	2.61	2.46	2.32
	7.0	6	3.07	2.87	2.67	2.48	2.30
	10.1	9	3.05	2.86	2.66	2.47	2.28
	13.2	12	3.03	2.84	2.64	2.45	2.26
	16.9	15.5	3.01	2.81	2.62	2.43	2.23

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Lo	10			1.72	1.51	2.06	1.70	2.22	1.73	2.37	1.76	2.65	1.90	2.75	1.85
	12			1.72	1.51	2.06	1.70	2.22	1.73	2.36	1.75	2.64	1.89	2.74	1.85
	14			1.72	1.51	2.06	1.70	2.22	1.73	2.36	1.75	2.63	1.89	2.73	1.84
	16			1.72	1.51	2.06	1.70	2.22	1.73	2.36	1.75	2.62	1.89	2.72	1.84
	18			1.72	1.51	2.06	1.70	2.22	1.73	2.35	1.75	2.61	1.88	2.71	1.84
	20			1.72	1.51	2.06	1.70	2.22	1.73	2.35	1.75	2.60	1.88	2.69	1.83
	22			1.72	1.51	2.06	1.70	2.22	1.73	2.34	1.74	2.57	1.87	2.66	1.82
6	24			1.72	1.51	2.06	1.70	2.22	1.73	2.33	1.74	2.54	1.86	2.62	1.81
(m³/min)	26			1.71	1.50	2.05	1.70	2.20	1.73	2.30	1.73	2.50	1.84	2.58	1.80
	28	1.55	1.49	1.71	1.50	2.04	1.69	2.18	1.72	2.27	1.72	2.46	1.83	2.54	1.78
	30	1.55	1.49	1.71	1.50	2.02	1.69	2.16	1.71	2.25	1.71	2.42	1.81	2.50	1.77
	32	1.55	1.49	1.70	1.50	2.00	1.68	2.14	1.70	2.22	1.70	2.38	1.80	2.46	1.76
	34	1.55	1.49	1.70	1.50	2.00	1.68	2.11	1.69	2.19	1.69	2.33	1.78	2.41	1.74
	35	1.55	1.49	1.70	1.50	1.99	1.67	2.10	1.68	2.17	1.68	2.31	1.78	2.39	1.73
	36	1.55	1.49	1.69	1.49	1.98	1.67	2.09	1.68	2.15	1.67	2.27	1.76	2.34	1.72
	38	1.55	1.49	1.69	1.49	1.95	1.66	2.07	1.67	2.11	1.65	2.18	1.73	2.25	1.69
	39	1.55	1.49	1.69	1.49	1.93	1.65	2.06	1.67	2.09	1.65	2.14	1.71	2.20	1.67
	41	1.55	1.49	1.68	1.49	1.88	1.63	1.97	1.63	2.00	1.61	2.05	1.68	2.10	1.64
	43	1.55	1.49	1.68	1.49	1.82	1.61	1.89	1.60	1.91	1.58	1.95	1.65	2.00	1.61

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Lo	-19.8	-20	1.38	1.38	1.38	1.38	1.38
	-17.8	-18	1.46	1.46	1.46	1.46	1.46
	-15.7	-16	1.55	1.55	1.55	1.55	1.55
	-13.7	-14	1.64	1.64	1.64	1.64	1.64
	-11.7	-12	1.73	1.73	1.73	1.73	1.73
	-9.6	-10	1.82	1.82	1.82	1.82	1.82
	-7.5	-8	1.93	1.93	1.93	1.93	1.93
6	-5.5	-6	2.04	2.04	2.04	2.04	2.04
(m³/min)	-3.4	-4	2.11	2.11	2.10	2.08	2.06
	-1.3	-2	2.18	2.18	2.17	2.13	2.09
	0.8	0	2.30	2.27	2.24	2.16	2.08
	3.9	3	2.50	2.41	2.32	2.19	2.06
	7.0	6	2.73	2.55	2.37	2.21	2.04
	10.1	9	2.71	2.54	2.36	2.19	2.02
	13.2	12	2.69	2.52	2.35	2.18	2.00
	16.9	15.5	2.67	2.50	2.33	2.16	1.98

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJF000Z513

Model **FDTC36KXZE1** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
P-Hi	10			2.95	2.55	3.53	2.88	3.82	2.94	4.06	2.97	4.55	3.22	4.72	3.14
	12			2.95	2.55	3.53	2.88	3.82	2.94	4.05	2.97	4.53	3.21	4.70	3.13
	14			2.95	2.55	3.53	2.88	3.82	2.94	4.05	2.97	4.51	3.20	4.68	3.13
	16			2.95	2.55	3.53	2.88	3.82	2.94	4.04	2.96	4.50	3.20	4.66	3.12
	18			2.95	2.55	3.53	2.88	3.82	2.94	4.04	2.96	4.48	3.19	4.64	3.11
	20			2.95	2.55	3.53	2.88	3.82	2.94	4.03	2.96	4.47	3.19	4.62	3.11
	22			2.95	2.55	3.53	2.88	3.82	2.94	4.01	2.95	4.41	3.17	4.56	3.09
10	24			2.94	2.55	3.52	2.88	3.82	2.94	3.99	2.94	4.35	3.15	4.49	3.06
(m³/min)	26			2.94	2.55	3.51	2.87	3.78	2.92	3.95	2.93	4.28	3.12	4.43	3.04
	28	2.66	2.52	2.94	2.55	3.49	2.86	3.74	2.91	3.90	2.91	4.22	3.10	4.36	3.02
	30	2.66	2.52	2.93	2.55	3.47	2.86	3.71	2.89	3.86	2.89	4.15	3.07	4.29	3.00
	32	2.66	2.52	2.92	2.54	3.44	2.84	3.67	2.88	3.81	2.87	4.09	3.05	4.23	2.98
	34	2.66	2.52	2.91	2.54	3.43	2.84	3.62	2.86	3.75	2.85	4.00	3.02	4.14	2.95
	35	2.66	2.52	2.91	2.54	3.42	2.84	3.60	2.85	3.72	2.84	3.96	3.01	4.09	2.93
	36	2.66	2.52	2.91	2.54	3.39	2.82	3.58	2.84	3.68	2.82	3.89	2.98	4.02	2.91
	38	2.66	2.52	2.90	2.53	3.34	2.80	3.55	2.83	3.61	2.80	3.74	2.93	3.86	2.86
	39	2.66	2.52	2.89	2.53	3.32	2.80	3.53	2.82	3.58	2.79	3.67	2.91	3.78	2.83
	41	2.66	2.52	2.88	2.52	3.22	2.76	3.38	2.76	3.43	2.73	3.51	2.85	3.60	2.78
	43	2.66	2.52	2.87	2.52	3.12	2.71	3.24	2.71	3.28	2.67	3.35	2.80	3.42	2.72

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
P-Hi	-19.8	-20	2.32	2.32	2.32	2.32	2.32
	-17.8	-18	2.47	2.47	2.47	2.47	2.47
	-15.7	-16	2.62	2.62	2.62	2.62	2.62
	-13.7	-14	2.77	2.77	2.77	2.77	2.77
	-11.7	-12	2.92	2.92	2.92	2.92	2.92
	-9.6	-10	3.07	3.07	3.07	3.07	3.07
	-7.5	-8	3.25	3.25	3.25	3.25	3.25
10	-5.5	-6	3.44	3.44	3.44	3.44	3.44
(m³/min)	-3.4	-4	3.56	3.56	3.55	3.52	3.48
	-1.3	-2	3.68	3.67	3.66	3.59	3.52
	0.8	0	3.88	3.83	3.77	3.64	3.50
	3.9	3	4.21	4.06	3.91	3.69	3.47
	7.0	6	4.60	4.30	4.00	3.72	3.44
	10.1	9	4.57	4.28	3.99	3.70	3.41
	13.2	12	4.54	4.25	3.96	3.67	3.38
	16.9	15.5	4.51	4.22	3.93	3.64	3.35

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Hi	10			2.72	2.33	3.25	2.63	3.51	2.68	3.74	2.72	4.19	2.93	4.35	2.86
	12			2.72	2.33	3.25	2.63	3.51	2.68	3.73	2.71	4.17	2.92	4.33	2.85
	14			2.72	2.33	3.25	2.63	3.51	2.68	3.73	2.71	4.15	2.91	4.31	2.84
	16			2.72	2.33	3.25	2.63	3.51	2.68	3.72	2.71	4.14	2.91	4.29	2.83
	18			2.72	2.33	3.25	2.63	3.51	2.68	3.72	2.71	4.12	2.90	4.27	2.83
	20			2.72	2.33	3.25	2.63	3.51	2.68	3.71	2.71	4.11	2.90	4.25	2.82
	22			2.71	2.32	3.25	2.63	3.51	2.68	3.69	2.70	4.06	2.88	4.19	2.80
9	24			2.71	2.32	3.24	2.63	3.51	2.68	3.68	2.69	4.01	2.86	4.14	2.78
(m³/min)	26			2.71	2.32	3.23	2.63	3.48	2.67	3.63	2.67	3.94	2.84	4.07	2.76
	28	2.45	2.30	2.70	2.32	3.21	2.62	3.45	2.66	3.59	2.66	3.88	2.81	4.01	2.74
	30	2.45	2.30	2.70	2.32	3.19	2.61	3.41	2.64	3.55	2.64	3.82	2.79	3.95	2.72
	32	2.45	2.30	2.69	2.32	3.16	2.60	3.38	2.63	3.51	2.63	3.76	2.77	3.89	2.70
	34	2.45	2.30	2.68	2.31	3.15	2.59	3.34	2.62	3.45	2.60	3.68	2.74	3.81	2.68
	35	2.45	2.30	2.68	2.31	3.15	2.59	3.31	2.60	3.42	2.59	3.64	2.73	3.77	2.66
	36	2.45	2.30	2.67	2.31	3.12	2.58	3.30	2.60	3.39	2.58	3.58	2.71	3.70	2.64
	38	2.45	2.30	2.67	2.31	3.08	2.56	3.26	2.58	3.32	2.55	3.45	2.66	3.55	2.59
	39	2.45	2.30	2.66	2.30	3.05	2.55	3.25	2.58	3.29	2.54	3.38	2.64	3.48	2.57
	41	2.45	2.30	2.65	2.30	2.96	2.51	3.11	2.52	3.15	2.49	3.23	2.58	3.31	2.52
	43	2.45	2.30	2.64	2.29	2.87	2.47	2.98	2.47	3.01	2.43	3.08	2.53	3.15	2.47

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Hi	-19.8	-20	2.11	2.11	2.11	2.11	2.11
	-17.8	-18	2.25	2.25	2.25	2.25	2.25
	-15.7	-16	2.39	2.39	2.39	2.39	2.39
	-13.7	-14	2.52	2.52	2.52	2.52	2.52
	-11.7	-12	2.66	2.66	2.66	2.66	2.66
	-9.6	-10	2.79	2.79	2.79	2.79	2.79
	-7.5	-8	2.96	2.96	2.96	2.96	2.96
9	-5.5	-6	3.13	3.13	3.13	3.13	3.13
(m³/min)	-3.4	-4	3.24	3.24	3.23	3.20	3.17
	-1.3	-2	3.35	3.34	3.33	3.27	3.21
	0.8	0	3.53	3.48	3.43	3.31	3.19
	3.9	3	3.84	3.70	3.56	3.36	3.16
	7.0	6	4.19	3.92	3.64	3.39	3.13
	10.1	9	4.16	3.90	3.63	3.37	3.11
	13.2	12	4.14	3.87	3.61	3.34	3.08
	16.9	15.5	4.10	3.84	3.58	3.31	3.05

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Me	10			2.47	2.10	2.95	2.36	3.19	2.41	3.39	2.44	3.80	2.64	3.95	2.56
	12			2.47	2.10	2.95	2.36	3.19	2.41	3.39	2.44	3.79	2.63	3.93	2.56
	14			2.47	2.10	2.95	2.36	3.19	2.41	3.39	2.44	3.77	2.63	3.91	2.55
	16			2.47	2.10	2.95	2.36	3.19	2.41	3.38	2.44	3.76	2.62	3.90	2.55
	18			2.47	2.10	2.95	2.36	3.19	2.41	3.38	2.44	3.75	2.62	3.88	2.54
	20			2.47	2.10	2.95	2.36	3.19	2.41	3.37	2.43	3.73	2.61	3.86	2.53
	22			2.46	2.09	2.95	2.36	3.19	2.41	3.36	2.43	3.69	2.59	3.81	2.52
8	24			2.46	2.09	2.95	2.36	3.19	2.41	3.34	2.42	3.64	2.57	3.76	2.50
(m³/min)	26			2.46	2.09	2.93	2.36	3.16	2.40	3.30	2.40	3.58	2.55	3.70	2.48
	28	2.23	2.07	2.46	2.09	2.92	2.35	3.13	2.39	3.26	2.39	3.52	2.53	3.64	2.46
	30	2.23	2.07	2.45	2.09	2.90	2.34	3.10	2.38	3.22	2.37	3.47	2.51	3.59	2.44
	32	2.23	2.07	2.44	2.08	2.87	2.33	3.07	2.36	3.19	2.36	3.42	2.49	3.53	2.42
	34	2.23	2.07	2.44	2.08	2.86	2.33	3.03	2.35	3.13	2.34	3.34	2.46	3.46	2.40
	35	2.23	2.07	2.43	2.08	2.86	2.33	3.01	2.34	3.11	2.33	3.31	2.45	3.42	2.39
	36	2.23	2.07	2.43	2.08	2.84	2.32	2.99	2.33	3.08	2.32	3.25	2.43	3.36	2.37
	38	2.23	2.07	2.42	2.07	2.79	2.30	2.96	2.32	3.02	2.30	3.13	2.39	3.22	2.32
	39	2.23	2.07	2.42	2.07	2.77	2.29	2.95	2.32	2.99	2.28	3.07	2.37	3.16	2.30
	41	2.23	2.07	2.41	2.07	2.69	2.26	2.83	2.27	2.86	2.24	2.93	2.32	3.01	2.26
	43	2.23	2.07	2.40	2.06	2.61	2.23	2.71	2.22	2.74	2.19	2.80	2.27	2.86	2.21

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Me	-19.8	-20	1.90	1.90	1.90	1.90	1.90
	-17.8	-18	2.02	2.02	2.02	2.02	2.02
	-15.7	-16	2.14	2.14	2.14	2.14	2.14
	-13.7	-14	2.27	2.27	2.27	2.27	2.27
	-11.7	-12	2.39	2.39	2.39	2.39	2.39
	-9.6	-10	2.51	2.51	2.51	2.51	2.51
	-7.5	-8	2.66	2.66	2.66	2.66	2.66
8	-5.5	-6	2.82	2.82	2.82	2.82	2.82
(m³/min)	-3.4	-4	2.92	2.91	2.91	2.88	2.85
	-1.3	-2	3.01	3.01	3.00	2.94	2.88
	0.8	0	3.18	3.13	3.09	2.98	2.87
	3.9	3	3.45	3.32	3.20	3.02	2.84
	7.0	6	3.77	3.52	3.28	3.05	2.82
	10.1	9	3.74	3.50	3.26	3.03	2.79
	13.2	12	3.72	3.48	3.24	3.01	2.77
	16.9	15.5	3.69	3.45	3.21	2.98	2.74

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Lo	10			1.93	1.61	2.30	1.81	2.49	1.85	2.65	1.87	2.97	2.03	3.08	1.98
	12			1.93	1.61	2.30	1.81	2.49	1.85	2.65	1.87	2.96	2.02	3.07	1.97
	14			1.93	1.61	2.30	1.81	2.49	1.85	2.64	1.87	2.95	2.02	3.06	1.97
	16			1.93	1.61	2.30	1.81	2.49	1.85	2.64	1.87	2.94	2.01	3.04	1.96
	18			1.93	1.61	2.30	1.81	2.49	1.85	2.64	1.87	2.93	2.01	3.03	1.96
	20			1.93	1.61	2.30	1.81	2.49	1.85	2.63	1.87	2.92	2.01	3.02	1.95
	22			1.92	1.60	2.30	1.81	2.49	1.85	2.62	1.86	2.88	1.99	2.98	1.94
6	24			1.92	1.60	2.30	1.81	2.49	1.85	2.61	1.86	2.84	1.98	2.94	1.92
(m³/min)	26			1.92	1.60	2.29	1.81	2.47	1.84	2.58	1.85	2.80	1.96	2.89	1.91
	28	1.74	1.58	1.92	1.60	2.28	1.80	2.45	1.83	2.55	1.83	2.75	1.94	2.85	1.89
	30	1.74	1.58	1.91	1.60	2.26	1.80	2.42	1.82	2.52	1.82	2.71	1.93	2.80	1.88
	32	1.74	1.58	1.91	1.60	2.25	1.79	2.40	1.81	2.49	1.81	2.67	1.91	2.76	1.86
	34	1.74	1.58	1.90	1.59	2.24	1.79	2.37	1.80	2.45	1.80	2.61	1.89	2.70	1.84
	35	1.74	1.58	1.90	1.59	2.23	1.78	2.35	1.79	2.43	1.79	2.58	1.88	2.67	1.83
	36	1.74	1.58	1.90	1.59	2.22	1.78	2.34	1.79	2.41	1.78	2.54	1.87	2.62	1.82
	38	1.74	1.58	1.89	1.59	2.18	1.76	2.32	1.78	2.36	1.76	2.45	1.83	2.52	1.78
	39	1.74	1.58	1.89	1.59	2.17	1.76	2.30	1.77	2.34	1.75	2.40	1.82	2.47	1.77
	41	1.74	1.58	1.88	1.59	2.10	1.73	2.21	1.74	2.24	1.71	2.29	1.78	2.35	1.73
	43	1.74	1.58	1.88	1.59	2.04	1.70	2.12	1.70	2.14	1.68	2.19	1.74	2.24	1.70

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Lo	-19.8	-20	1.45	1.45	1.45	1.45	1.45
	-17.8	-18	1.55	1.55	1.55	1.55	1.55
	-15.7	-16	1.64	1.64	1.64	1.64	1.64
	-13.7	-14	1.73	1.73	1.73	1.73	1.73
	-11.7	-12	1.83	1.83	1.83	1.83	1.83
	-9.6	-10	1.92	1.92	1.92	1.92	1.92
	-7.5	-8	2.04	2.04	2.04	2.04	2.04
6	-5.5	-6	2.15	2.15	2.15	2.15	2.15
(m³/min)	-3.4	-4	2.23	2.23	2.22	2.20	2.18
	-1.3	-2	2.30	2.30	2.29	2.25	2.20
	0.8	0	2.43	2.39	2.36	2.28	2.19
	3.9	3	2.64	2.54	2.45	2.31	2.17
	7.0	6	2.88	2.69	2.50	2.33	2.15
	10.1	9	2.86	2.68	2.49	2.31	2.13
	13.2	12	2.84	2.66	2.48	2.30	2.12
	16.9	15.5	2.82	2.64	2.46	2.28	2.09

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJF000Z513

Model **FDTC45KXZE1** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			3.69	3.13	4.41	3.53	4.77	3.60	5.07	3.64	5.68	3.94	5.90	3.85
	12			3.69	3.13	4.41	3.53	4.77	3.60	5.07	3.64	5.66	3.93	5.88	3.84
	14			3.69	3.13	4.41	3.53	4.77	3.60	5.06	3.64	5.64	3.93	5.85	3.83
	16			3.69	3.13	4.41	3.53	4.77	3.60	5.05	3.64	5.62	3.92	5.83	3.82
	18			3.69	3.13	4.41	3.53	4.77	3.60	5.05	3.64	5.60	3.91	5.80	3.81
P-Hi	20			3.69	3.13	4.41	3.53	4.77	3.60	5.04	3.63	5.58	3.90	5.78	3.81
	22			3.68	3.12	4.41	3.53	4.77	3.60	5.02	3.63	5.51	3.88	5.70	3.78
12	24			3.68	3.12	4.41	3.53	4.77	3.60	4.99	3.61	5.44	3.85	5.62	3.75
(m³/min)	26			3.68	3.12	4.39	3.52	4.73	3.59	4.93	3.59	5.35	3.82	5.53	3.72
	28	3.33	3.09	3.67	3.12	4.37	3.52	4.68	3.57	4.88	3.57	5.27	3.79	5.44	3.69
	30	3.33	3.09	3.66	3.11	4.33	3.50	4.64	3.55	4.82	3.55	5.19	3.76	5.36	3.66
	32	3.33	3.09	3.65	3.11	4.30	3.49	4.59	3.53	4.76	3.52	5.11	3.73	5.28	3.63
	34	3.33	3.09	3.64	3.10	4.28	3.48	4.53	3.51	4.69	3.50	5.00	3.69	5.17	3.60
	35	3.33	3.09	3.64	3.10	4.28	3.48	4.50	3.50	4.65	3.48	4.95	3.67	5.12	3.58
	36	3.33	3.09	3.63	3.10	4.24	3.46	4.48	3.49	4.60	3.46	4.86	3.64	5.02	3.55
	38	3.33	3.09	3.62	3.10	4.18	3.44	4.43	3.47	4.52	3.43	4.68	3.58	4.82	3.48
	39	3.33	3.09	3.62	3.10	4.15	3.43	4.41	3.46	4.47	3.41	4.59	3.54	4.72	3.45
	41	3.33	3.09	3.61	3.09	4.02	3.37	4.23	3.39	4.28	3.34	4.39	3.48	4.50	3.38
	43	3.33	3.09	3.59	3.08	3.90	3.32	4.05	3.31	4.09	3.26	4.18	3.40	4.28	3.31

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.90	2.90	2.90	2.90	2.90
	-17.8	-18	3.09	3.09	3.09	3.09	3.09
	-15.7	-16	3.27	3.27	3.27	3.27	3.27
	-13.7	-14	3.46	3.46	3.46	3.46	3.46
	-11.7	-12	3.65	3.65	3.65	3.65	3.65
P-Hi	-9.6	-10	3.83	3.83	3.83	3.83	3.83
	-7.5	-8	4.07	4.07	4.07	4.07	4.07
12	-5.5	-6	4.30	4.30	4.30	4.30	4.30
(m³/min)	-3.4	-4	4.45	4.44	4.44	4.39	4.35
	-1.3	-2	4.60	4.59	4.58	4.49	4.40
	0.8	0	4.85	4.78	4.71	4.54	4.38
	3.9	3	5.26	5.08	4.89	4.61	4.34
	7.0	6	5.75	5.38	5.00	4.65	4.30
	10.1	9	5.71	5.35	4.98	4.62	4.26
	13.2	12	5.68	5.31	4.95	4.59	4.23
	16.9	15.5	5.63	5.27	4.91	4.54	4.18

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			3.22	2.67	3.85	3.01	4.16	3.08	4.43	3.12	4.96	3.37	5.15	3.29
	12			3.22	2.67	3.85	3.01	4.16	3.08	4.42	3.11	4.94	3.36	5.13	3.28
	14			3.22	2.67	3.85	3.01	4.16	3.08	4.42	3.11	4.93	3.36	5.11	3.27
	16			3.22	2.67	3.85	3.01	4.16	3.08	4.41	3.11	4.91	3.35	5.09	3.26
	18			3.22	2.67	3.85	3.01	4.16	3.08	4.41	3.11	4.89	3.34	5.06	3.25
Hi	20			3.22	2.67	3.85	3.01	4.16	3.08	4.40	3.10	4.87	3.34	5.04	3.25
	22			3.22	2.67	3.85	3.01	4.16	3.08	4.38	3.10	4.81	3.31	4.97	3.22
10	24			3.21	2.67	3.85	3.01	4.16	3.08	4.36	3.09	4.75	3.29	4.90	3.20
(m³/min)	26			3.21	2.67	3.83	3.01	4.12	3.06	4.31	3.07	4.67	3.26	4.83	3.18
	28	2.91	2.64	3.21	2.67	3.81	3.00	4.08	3.04	4.26	3.05	4.60	3.24	4.75	3.15
	30	2.91	2.64	3.20	2.66	3.78	2.98	4.05	3.03	4.21	3.03	4.53	3.21	4.68	3.13
	32	2.91	2.64	3.19	2.66	3.75	2.97	4.01	3.02	4.16	3.01	4.46	3.19	4.61	3.10
	34	2.91	2.64	3.18	2.65	3.74	2.97	3.95	2.99	4.09	2.98	4.36	3.15	4.52	3.07
	35	2.91	2.64	3.17	2.65	3.73	2.96	3.93	2.98	4.06	2.97	4.32	3.13	4.47	3.06
	36	2.91	2.64	3.17	2.65	3.70	2.95	3.91	2.97	4.02	2.95	4.24	3.11	4.38	3.03
	38	2.91	2.64	3.16	2.64	3.65	2.93	3.87	2.96	3.94	2.92	4.08	3.05	4.21	2.97
	39	2.91	2.64	3.16	2.64	3.62	2.92	3.85	2.95	3.90	2.91	4.01	3.02	4.12	2.94
	41	2.91	2.64	3.15	2.64	3.51	2.87	3.69	2.89	3.74	2.85	3.83	2.96	3.93	2.88
	43	2.91	2.64	3.14	2.64	3.40	2.83	3.53	2.82	3.57	2.78	3.65	2.90	3.73	2.82

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.48	2.48	2.48	2.48	2.48
	-17.8	-18	2.64	2.64	2.64	2.64	2.64
	-15.7	-16	2.80	2.80	2.80	2.80	2.80
	-13.7	-14	2.96	2.96	2.96	2.96	2.96
	-11.7	-12	3.12	3.12	3.12	3.12	3.12
Hi	-9.6	-10	3.28	3.28	3.28	3.28	3.28
	-7.5	-8	3.48	3.48	3.48	3.48	3.48
10	-5.5	-6	3.68	3.68	3.68	3.68	3.68
(m³/min)	-3.4	-4	3.81	3.80	3.79	3.76	3.72
	-1.3	-2	3.93	3.92	3.91	3.84	3.76
	0.8	0	4.15	4.09	4.03	3.89	3.74
	3.9	3	4.50	4.34	4.18	3.94	3.71
	7.0	6	4.92	4.60	4.28	3.98	3.68
	10.1	9	4.89	4.57	4.26	3.95	3.65
	13.2	12	4.85	4.54	4.23	3.92	3.61
	16.9	15.5	4.82	4.51	4.20	3.89	3.58

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			2.96	2.44	3.54	2.75	3.83	2.81	4.08	2.85	4.57	3.07	4.74	2.99
	12			2.96	2.44	3.54	2.75	3.83	2.81	4.07	2.85	4.55	3.06	4.72	2.98
	14			2.96	2.44	3.54	2.75	3.83	2.81	4.07	2.85	4.53	3.05	4.70	2.98
	16			2.96	2.44	3.54	2.75	3.83	2.81	4.06	2.84	4.52	3.05	4.68	2.97
	18			2.96	2.44	3.54	2.75	3.83	2.81	4.05	2.84	4.50	3.04	4.66	2.96
Me	20			2.96	2.44	3.54	2.75	3.83	2.81	4.05	2.84	4.48	3.04	4.64	2.95
	22			2.96	2.44	3.54	2.75	3.83	2.81	4.03	2.83	4.43	3.02	4.58	2.93
9	24			2.95	2.43	3.54	2.75	3.83	2.81	4.01	2.82	4.37	2.99	4.51	2.91
(m³/min)	26			2.95	2.43	3.52	2.75	3.80	2.80	3.96	2.80	4.30	2.97	4.44	2.89
	28	2.67	2.40	2.95	2.43	3.51	2.74	3.76	2.79	3.92	2.79	4.23	2.94	4.37	2.86
	30	2.67	2.40	2.94	2.43	3.48	2.73	3.72	2.77	3.87	2.77	4.17	2.92	4.31	2.84
	32	2.67	2.40	2.94	2.43	3.45	2.72	3.69	2.76	3.83	2.75	4.10	2.89	4.24	2.82
	34	2.67	2.40	2.93	2.42	3.44	2.71	3.64	2.74	3.76	2.72	4.02	2.86	4.16	2.79
	35	2.67	2.40	2.92	2.42	3.43	2.71	3.61	2.73	3.73	2.71	3.97	2.85	4.11	2.77
	36	2.67	2.40	2.92	2.42	3.41	2.70	3.60	2.72	3.70	2.70	3.90	2.82	4.03	2.75
	38	2.67	2.40	2.91	2.41	3.36	2.68	3.56	2.70	3.63	2.67	3.76	2.77	3.87	2.70
	39	2.67	2.40	2.91	2.41	3.33	2.67	3.54	2.70	3.59	2.66	3.69	2.75	3.79	2.67
	41	2.67	2.40	2.90	2.41	3.23	2.63	3.40	2.64	3.44	2.60	3.52	2.69	3.61	2.61
	43	2.67	2.40	2.89	2.40	3.13	2.58	3.25	2.58	3.29	2.54	3.36	2.63	3.44	2.56

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.26	2.26	2.26	2.26	2.26
	-17.8	-18	2.40	2.40	2.40	2.40	2.40
	-15.7	-16	2.55	2.55	2.55	2.55	2.55
	-13.7	-14	2.70	2.70	2.70	2.70	2.70
	-11.7	-12	2.84	2.84	2.84	2.84	2.84
Me	-9.6	-10	2.99	2.99	2.99	2.99	2.99
	-7.5	-8	3.17	3.17	3.17	3.17	3.17
9	-5.5	-6	3.35	3.35	3.35	3.35	3.35
(m³/min)	-3.4	-4	3.47	3.46	3.46	3.42	3.39
	-1.3	-2	3.58	3.57	3.56	3.50	3.43
	0.8	0	3.78	3.72	3.67	3.54	3.41
	3.9	3	4.10	3.95	3.81	3.59	3.38
	7.0	6	4.48	4.19	3.90	3.62	3.35
	10.1	9	4.45	4.17	3.88	3.60	3.32
	13.2	12	4.42	4.14	3.86	3.57	3.29
	16.9	15.5	4.39	4.10	3.82	3.54	3.26

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			2.40	1.94	2.87	2.19	3.11	2.25	3.31	2.28	3.71	2.46	3.85	2.39
	12			2.40	1.94	2.87	2.19	3.11	2.25	3.30	2.27	3.69	2.45	3.83	2.39
	14			2.40	1.94	2.87	2.19	3.11	2.25	3.30	2.27	3.68	2.45	3.81	2.38
	16			2.40	1.94	2.87	2.19	3.11	2.25	3.30	2.27	3.67	2.44	3.80	2.38
	18			2.40	1.94	2.87	2.19	3.11	2.25	3.29	2.27	3.65	2.44	3.78	2.37
Lo	20			2.40	1.94	2.87	2.19	3.11	2.25	3.29	2.27	3.64	2.43	3.77	2.37
	22			2.40	1.94	2.87	2.19	3.11	2.25	3.27	2.26	3.59	2.41	3.71	2.35
7	24			2.40	1.94	2.87	2.19	3.11	2.25	3.26	2.25	3.55	2.39	3.66	2.32
(m³/min)	26			2.40	1.94	2.86	2.19	3.08	2.23	3.22	2.24	3.49	2.37	3.61	2.31
	28	2.17	1.91	2.39	1.94	2.85	2.18	3.05	2.22	3.18	2.22	3.44	2.35	3.55	2.29
	30	2.17	1.91	2.39	1.94	2.82	2.17	3.02	2.21	3.14	2.21	3.38	2.33	3.50	2.27
	32	2.17	1.91	2.38	1.93	2.80	2.16	2.99	2.20	3.11	2.19	3.33	2.31	3.44	2.25
	34	2.17	1.91	2.37	1.93	2.79	2.16	2.95	2.18	3.06	2.17	3.26	2.29	3.37	2.22
	35	2.17	1.91	2.37	1.93	2.79	2.16	2.93	2.17	3.03	2.16	3.22	2.27	3.34	2.21
	36	2.17	1.91	2.37	1.93	2.77	2.15	2.92	2.17	3.00	2.15	3.17	2.25	3.27	2.19
	38	2.17	1.91	2.36	1.92	2.72	2.13	2.89	2.15	2.94	2.13	3.05	2.21	3.14	2.15
	39	2.17	1.91	2.36	1.92	2.70	2.12	2.88	2.15	2.91	2.11	2.99	2.19	3.08	2.13
	41	2.17	1.91	2.35	1.92	2.62	2.09	2.76	2.10	2.79	2.07	2.86	2.14	2.93	2.08
	43	2.17	1.91	2.34	1.91	2.54	2.05	2.64	2.05	2.67	2.02	2.73	2.09	2.79	2.03

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	1.80	1.80	1.80	1.80	1.80
	-17.8	-18	1.91	1.91	1.91	1.91	1.91
	-15.7	-16	2.03	2.03	2.03	2.03	2.03
	-13.7	-14	2.14	2.14	2.14	2.14	2.14
	-11.7	-12	2.26	2.26	2.26	2.26	2.26
Lo	-9.6	-10	2.37	2.37	2.37	2.37	2.37
	-7.5	-8	2.52	2.52	2.52	2.52	2.52
7	-5.5	-6	2.66	2.66	2.66	2.66	2.66
(m³/min)	-3.4	-4	2.75	2.75	2.75	2.72	2.69
	-1.3	-2	2.85	2.84	2.83	2.78	2.72
	0.8	0	3.00	2.96	2.92	2.81	2.71
	3.9	3	3.26	3.14	3.03	2.85	2.68
	7.0	6	3.56	3.33	3.09	2.88	2.66
	10.1	9	3.54	3.31	3.08	2.86	2.64
	13.2	12	3.51	3.29	3.06	2.84	2.62
	16.9	15.5	3.49	3.26	3.04	2.81	2.59

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJF000Z513

Model **FDTC56KXZE1** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
P-Hi	10			4.59	3.76	5.49	4.26	5.94	4.35	6.32	4.41	7.07	4.76	7.35	4.64
	12			4.59	3.76	5.49	4.26	5.94	4.35	6.31	4.41	7.05	4.75	7.31	4.63
	14			4.59	3.76	5.49	4.26	5.94	4.35	6.30	4.40	7.02	4.74	7.28	4.62
	16			4.59	3.76	5.49	4.26	5.94	4.35	6.29	4.39	7.00	4.73	7.25	4.61
	18			4.59	3.76	5.49	4.26	5.94	4.35	6.28	4.39	6.97	4.72	7.22	4.60
	20			4.59	3.76	5.49	4.26	5.94	4.35	6.27	4.38	6.95	4.71	7.19	4.58
	22			4.58	3.76	5.49	4.26	5.94	4.35	6.24	4.37	6.86	4.68	7.09	4.55
14	24			4.58	3.76	5.48	4.25	5.94	4.35	6.21	4.36	6.77	4.65	6.99	4.51
(m³/min)	26			4.57	3.75	5.46	4.25	5.88	4.33	6.14	4.33	6.66	4.60	6.88	4.47
	28	4.14	3.71	4.57	3.75	5.43	4.23	5.82	4.30	6.07	4.30	6.56	4.56	6.78	4.44
	30	4.14	3.71	4.56	3.75	5.39	4.22	5.77	4.28	6.00	4.28	6.46	4.52	6.67	4.40
	32	4.14	3.71	4.55	3.74	5.35	4.20	5.71	4.26	5.93	4.25	6.36	4.49	6.57	4.37
	34	4.14	3.71	4.53	3.74	5.33	4.19	5.64	4.23	5.83	4.21	6.22	4.44	6.44	4.33
	35	4.14	3.71	4.52	3.73	5.32	4.19	5.60	4.21	5.79	4.20	6.16	4.41	6.37	4.30
	36	4.14	3.71	4.52	3.73	5.28	4.17	5.57	4.20	5.73	4.17	6.05	4.37	6.25	4.26
	38	4.14	3.71	4.51	3.73	5.20	4.14	5.52	4.18	5.62	4.13	5.82	4.29	6.00	4.18
	39	4.14	3.71	4.50	3.72	5.16	4.12	5.49	4.17	5.56	4.11	5.71	4.25	5.87	4.14
	41	4.14	3.71	4.49	3.72	5.00	4.05	5.26	4.07	5.33	4.02	5.46	4.16	5.60	4.05
	43	4.14	3.71	4.47	3.71	4.85	3.99	5.04	3.98	5.10	3.92	5.21	4.07	5.32	3.96

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
P-Hi	-19.8	-20	3.65	3.65	3.65	3.65	3.65
	-17.8	-18	3.89	3.89	3.89	3.89	3.89
	-15.7	-16	4.12	4.12	4.12	4.12	4.12
	-13.7	-14	4.36	4.36	4.36	4.36	4.36
	-11.7	-12	4.59	4.59	4.59	4.59	4.59
	-9.6	-10	4.83	4.83	4.83	4.83	4.83
	-7.5	-8	5.12	5.12	5.12	5.12	5.12
14	-5.5	-6	5.42	5.42	5.42	5.42	5.42
(m³/min)	-3.4	-4	5.61	5.60	5.59	5.54	5.48
	-1.3	-2	5.80	5.78	5.76	5.65	5.54
	0.8	0	6.11	6.02	5.94	5.73	5.51
	3.9	3	6.63	6.39	6.16	5.81	5.47
	7.0	6	7.25	6.77	6.30	5.86	5.42
	10.1	9	7.20	6.74	6.28	5.82	5.37
	13.2	12	7.15	6.69	6.24	5.78	5.32
	16.9	15.5	7.10	6.64	6.18	5.73	5.27

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Hi	10			4.12	3.31	4.92	3.75	5.33	3.84	5.67	3.89	6.35	4.20	6.59	4.08
	12			4.12	3.31	4.92	3.75	5.33	3.84	5.66	3.89	6.33	4.19	6.56	4.07
	14			4.12	3.31	4.92	3.75	5.33	3.84	5.65	3.88	6.30	4.18	6.53	4.06
	16			4.12	3.31	4.92	3.75	5.33	3.84	5.64	3.88	6.28	4.17	6.51	4.06
	18			4.12	3.31	4.92	3.75	5.33	3.84	5.64	3.88	6.26	4.16	6.48	4.05
	20			4.12	3.31	4.92	3.75	5.33	3.84	5.63	3.87	6.23	4.15	6.45	4.03
	22			4.11	3.31	4.92	3.75	5.33	3.84	5.60	3.86	6.15	4.12	6.36	4.00
12	24			4.11	3.31	4.92	3.75	5.33	3.84	5.58	3.85	6.08	4.09	6.27	3.97
(m³/min)	26			4.10	3.31	4.90	3.74	5.28	3.81	5.51	3.83	5.98	4.05	6.18	3.94
	28	3.72	3.27	4.10	3.31	4.87	3.73	5.23	3.79	5.45	3.80	5.88	4.02	6.08	3.91
	30	3.72	3.27	4.09	3.30	4.84	3.71	5.18	3.77	5.38	3.77	5.79	3.98	5.99	3.88
	32	3.72	3.27	4.08	3.30	4.80	3.70	5.13	3.75	5.32	3.74	5.70	3.95	5.90	3.85
	34	3.72	3.27	4.07	3.29	4.78	3.69	5.06	3.72	5.23	3.71	5.58	3.90	5.78	3.81
	35	3.72	3.27	4.06	3.29	4.77	3.68	5.03	3.71	5.19	3.69	5.52	3.88	5.72	3.79
	36	3.72	3.27	4.06	3.29	4.74	3.67	5.00	3.70	5.14	3.67	5.42	3.85	5.60	3.75
	38	3.72	3.27	4.05	3.28	4.67	3.64	4.95	3.68	5.04	3.63	5.23	3.77	5.38	3.67
	39	3.72	3.27	4.04	3.28	4.63	3.62	4.92	3.67	4.99	3.61	5.13	3.73	5.27	3.63
	41	3.72	3.27	4.03	3.28	4.49	3.57	4.72	3.58	4.78	3.53	4.90	3.65	5.02	3.55
	43	3.72	3.27	4.01	3.27	4.35	3.51	4.52	3.50	4.57	3.45	4.67	3.57	4.78	3.47

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Hi	-19.8	-20	3.22	3.22	3.22	3.22	3.22
	-17.8	-18	3.43	3.43	3.43	3.43	3.43
	-15.7	-16	3.63	3.63	3.63	3.63	3.63
	-13.7	-14	3.84	3.84	3.84	3.84	3.84
	-11.7	-12	4.05	4.05	4.05	4.05	4.05
	-9.6	-10	4.26	4.26	4.26	4.26	4.26
	-7.5	-8	4.52	4.52	4.52	4.52	4.52
12	-5.5	-6	4.77	4.77	4.77	4.77	4.77
(m³/min)	-3.4	-4	4.94	4.93	4.93	4.88	4.83
	-1.3	-2	5.11	5.09	5.08	4.98	4.89
	0.8	0	5.39	5.31	5.23	5.05	4.86
	3.9	3	5.84	5.63	5.43	5.12	4.82
	7.0	6	6.38	5.97	5.55	5.16	4.77
	10.1	9	6.34	5.94	5.53	5.13	4.73
	13.2	12	6.30	5.90	5.50	5.09	4.69
	16.9	15.5	6.25	5.85	5.45	5.05	4.64

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Me	10			3.60	2.84	4.30	3.21	4.65	3.29	4.95	3.34	5.54	3.59	5.75	3.50
	12			3.60	2.84	4.30	3.21	4.65	3.29	4.94	3.33	5.52	3.59	5.73	3.49
	14			3.60	2.84	4.30	3.21	4.65	3.29	4.93	3.33	5.50	3.58	5.70	3.48
	16			3.60	2.84	4.30	3.21	4.65	3.29	4.93	3.33	5.48	3.57	5.68	3.47
	18			3.60	2.84	4.30	3.21	4.65	3.29	4.92	3.33	5.46	3.56	5.65	3.46
	20			3.60	2.84	4.30	3.21	4.65	3.29	4.91	3.32	5.44	3.55	5.63	3.45
	22			3.59	2.84	4.30	3.21	4.65	3.29	4.89	3.31	5.37	3.53	5.55	3.43
10	24			3.59	2.84	4.29	3.20	4.65	3.29	4.87	3.30	5.30	3.50	5.48	3.40
(m³/min)	26			3.58	2.84	4.27	3.19	4.61	3.27	4.81	3.28	5.22	3.47	5.39	3.37
	28	3.25	2.80	3.58	2.84	4.25	3.19	4.56	3.25	4.75	3.26	5.14	3.44	5.31	3.34
	30	3.25	2.80	3.57	2.83	4.22	3.17	4.52	3.24	4.70	3.23	5.06	3.41	5.23	3.31
	32	3.25	2.80	3.56	2.83	4.19	3.16	4.47	3.21	4.64	3.20	4.98	3.38	5.15	3.29
	34	3.25	2.80	3.55	2.82	4.17	3.15	4.42	3.18	4.57	3.17	4.87	3.34	5.04	3.25
	35	3.25	2.80	3.54	2.82	4.17	3.15	4.39	3.17	4.53	3.16	4.82	3.32	4.99	3.23
	36	3.25	2.80	3.54	2.82	4.14	3.14	4.36	3.16	4.49	3.14	4.74	3.29	4.89	3.20
	38	3.25	2.80	3.53	2.81	4.07	3.11	4.32	3.14	4.40	3.10	4.56	3.22	4.70	3.13
	39	3.25	2.80	3.53	2.81	4.04	3.09	4.30	3.13	4.36	3.09	4.48	3.19	4.60	3.10
	41	3.25	2.80	3.51	2.80	3.92	3.04	4.12	3.06	4.17	3.01	4.28	3.12	4.39	3.03
	43	3.25	2.80	3.50	2.80	3.80	2.99	3.95	2.99	3.99	2.94	4.08	3.05	4.17	2.96

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Me	-19.8	-20	2.75	2.75	2.75	2.75	2.75
	-17.8	-18	2.93	2.93	2.93	2.93	2.93
	-15.7	-16	3.11	3.11	3.11	3.11	3.11
	-13.7	-14	3.29	3.29	3.29	3.29	3.29
	-11.7	-12	3.46	3.46	3.46	3.46	3.46
	-9.6	-10	3.64	3.64	3.64	3.64	3.64
	-7.5	-8	3.86	3.86	3.86	3.86	3.86
10	-5.5	-6	4.08	4.08	4.08	4.08	4.08
(m³/min)	-3.4	-4	4.23	4.22	4.21	4.17	4.13
	-1.3	-2	4.37	4.36	4.34	4.26	4.18
	0.8	0	4.61	4.54	4.47	4.31	4.15
	3.9	3	5.00	4.82	4.64	4.38	4.12
	7.0	6	5.46	5.10	4.75	4.42	4.08
	10.1	9	5.42	5.08	4.73	4.39	4.05
	13.2	12	5.39	5.04	4.70	4.36	4.01
	16.9	15.5	5.35	5.00	4.66	4.31	3.97

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Lo	10			3.01	2.34	3.59	2.64	3.89	2.71	4.14	2.75	4.63	2.96	4.81	2.88
	12			3.01	2.34	3.59	2.64	3.89	2.71	4.13	2.75	4.62	2.96	4.79	2.88
	14			3.01	2.34	3.59	2.64	3.89	2.71	4.12	2.74	4.60	2.95	4.77	2.87
	16			3.01	2.34	3.59	2.64	3.89	2.71	4.12	2.74	4.58	2.94	4.75	2.86
	18			3.01	2.34	3.59	2.64	3.89	2.71	4.11	2.74	4.57	2.94	4.73	2.85
	20			3.01	2.34	3.59	2.64	3.89	2.71	4.11	2.74	4.55	2.93	4.71	2.85
	22			3.00	2.33	3.59	2.64	3.89	2.71	4.09	2.73	4.49	2.91	4.64	2.82
8	24			3.00	2.33	3.59	2.64	3.89	2.71	4.07	2.72	4.43	2.88	4.58	2.80
(m³/min)	26			2.99	2.33	3.57	2.63	3.85	2.69	4.02	2.70	4.36	2.85	4.51	2.77
	28	2.71	2.29	2.99	2.33	3.56	2.63	3.81	2.68	3.97	2.68	4.29	2.83	4.44	2.75
	30	2.71	2.29	2.99	2.33	3.53	2.61	3.78	2.66	3.93	2.66	4.23	2.80	4.37	2.72
	32	2.71	2.29	2.98	2.32	3.50	2.60	3.74	2.65	3.88	2.64	4.16	2.78	4.30	2.70
	34	2.71	2.29	2.97	2.32	3.49	2.60	3.69	2.62	3.82	2.62	4.07	2.74	4.22	2.67
	35	2.71	2.29	2.96	2.31	3.48	2.59	3.67	2.61	3.79	2.60	4.03	2.73	4.17	2.65
	36	2.71	2.29	2.96	2.31	3.46	2.58	3.65	2.61	3.75	2.59	3.96	2.70	4.09	2.63
	38	2.71	2.29	2.95	2.31	3.40	2.56	3.61	2.59	3.68	2.56	3.81	2.64	3.93	2.56
	39	2.71	2.29	2.95	2.31	3.38	2.55	3.59	2.58	3.64	2.54	3.74	2.62	3.85	2.53
	41	2.71	2.29	2.94	2.30	3.28	2.50	3.45	2.52	3.49	2.48	3.58	2.55	3.67	2.47
	43	2.71	2.29	2.93	2.30	3.18	2.46	3.30	2.46	3.34	2.42	3.41	2.49	3.49	2.41

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Lo	-19.8	-20	2.25	2.25	2.25	2.25	2.25
	-17.8	-18	2.40	2.40	2.40	2.40	2.40
	-15.7	-16	2.55	2.55	2.55	2.55	2.55
	-13.7	-14	2.69	2.69	2.69	2.69	2.69
	-11.7	-12	2.84	2.84	2.84	2.84	2.84
	-9.6	-10	2.98	2.98	2.98	2.98	2.98
	-7.5	-8	3.16	3.16	3.16	3.16	3.16
8	-5.5	-6	3.34	3.34	3.34	3.34	3.34
(m³/min)	-3.4	-4	3.46	3.46	3.45	3.42	3.38
	-1.3	-2	3.58	3.57	3.56	3.49	3.42
	0.8	0	3.77	3.72	3.66	3.53	3.40
	3.9	3	4.09	3.95	3.80	3.59	3.37
	7.0	6	4.47	4.18	3.89	3.62	3.34
	10.1	9	4.44	4.16	3.87	3.59	3.31
	13.2	12	4.41	4.13	3.85	3.57	3.28
	16.9	15.5	4.38	4.10	3.81	3.53	3.25

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJF000Z513

(3) Ceiling cassette-2 way type (FDTW)

Model FDTW28KXE6F Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			2.30	2.06	2.74	2.32	2.97	2.35	3.16	2.40	3.54	2.59	3.67	2.52
	12			2.30	2.06	2.74	2.32	2.97	2.35	3.15	2.39	3.52	2.59	3.66	2.51
	14			2.30	2.06	2.74	2.32	2.97	2.35	3.15	2.39	3.51	2.56	3.64	2.51
	16			2.30	2.06	2.74	2.32	2.97	2.35	3.14	2.39	3.50	2.56	3.63	2.51
	18			2.30	2.06	2.74	2.32	2.97	2.35	3.14	2.39	3.49	2.56	3.61	2.50
P-Hi	20			2.30	2.06	2.74	2.32	2.97	2.35	3.14	2.39	3.47	2.55	3.59	2.50
	22			2.29	2.06	2.74	2.32	2.97	2.35	3.12	2.38	3.43	2.54	3.54	2.49
14.5	24			2.29	2.06	2.74	2.32	2.97	2.35	3.11	2.38	3.39	2.53	3.50	2.48
(m³/min)	26			2.29	2.06	2.73	2.32	2.94	2.35	3.07	2.34	3.33	2.52	3.44	2.46
	28	2.07	1.99	2.28	2.05	2.72	2.31	2.91	2.34	3.03	2.33	3.28	2.50	3.39	2.44
	30	2.07	1.99	2.28	2.05	2.70	2.31	2.88	2.33	3.00	2.32	3.23	2.48	3.34	2.42
	32	2.07	1.99	2.27	2.04	2.67	2.29	2.86	2.32	2.96	2.31	3.18	2.47	3.29	2.41
	34	2.07	1.99	2.27	2.04	2.66	2.29	2.82	2.31	2.92	2.30	3.11	2.44	3.22	2.39
	35	2.07	1.99	2.26	2.04	2.66	2.29	2.80	2.30	2.89	2.30	3.08	2.43	3.18	2.37
	36	2.07	1.99	2.26	2.04	2.64	2.28	2.79	2.30	2.86	2.28	3.02	2.41	3.12	2.36
	38	2.07	1.99	2.25	2.04	2.60	2.27	2.76	2.29	2.81	2.27	2.91	2.37	3.00	2.31
	39	2.07	1.99	2.25	2.04	2.58	2.25	2.74	2.28	2.78	2.25	2.86	2.36	2.94	2.27
	41	2.07	1.99	2.24	2.03	2.50	2.22	2.63	2.23	2.66	2.21	2.73	2.29	2.80	2.24
	43	2.07	1.99	2.24	2.03	2.43	2.19	2.52	2.20	2.55	2.16	2.60	2.26	2.66	2.21

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	1.86	1.86	1.86	1.86	1.86
	-17.8	-18	1.98	1.98	1.98	1.98	1.98
	-15.7	-16	2.09	2.09	2.09	2.09	2.09
	-13.7	-14	2.21	2.21	2.21	2.21	2.21
	-11.7	-12	2.33	2.33	2.33	2.33	2.33
P-Hi	-9.6	-10	2.45	2.45	2.45	2.45	2.45
	-7.5	-8	2.60	2.60	2.60	2.60	2.60
14.5	-5.5	-6	2.75	2.75	2.75	2.75	2.75
(m³/min)	-3.4	-4	2.85	2.84	2.84	2.81	2.78
	-1.3	-2	2.94	2.94	2.93	2.87	2.82
	0.8	0	3.10	3.06	3.02	2.91	2.80
	3.9	3	3.37	3.25	3.13	2.95	2.78
	7.0	6	3.68	3.44	3.20	2.98	2.75
	10.1	9	3.66	3.42	3.19	2.96	2.73
	13.2	12	3.63	3.40	3.17	2.94	2.70
	16.9	15.5	3.60	3.37	3.14	2.91	2.68

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			2.04	1.80	2.44	2.03	2.64	2.06	2.81	2.10	3.15	2.27	3.27	2.22
	12			2.04	1.80	2.44	2.03	2.64	2.06	2.80	2.09	3.13	2.26	3.25	2.21
	14			2.04	1.80	2.44	2.03	2.64	2.06	2.80	2.09	3.12	2.26	3.24	2.21
	16			2.04	1.80	2.44	2.03	2.64	2.06	2.80	2.09	3.11	2.26	3.22	2.20
	18			2.04	1.80	2.44	2.03	2.64	2.06	2.79	2.09	3.10	2.26	3.21	2.20
Hi	20			2.04	1.80	2.44	2.03	2.64	2.06	2.79	2.09	3.09	2.25	3.20	2.19
	22			2.04	1.80	2.44	2.03	2.64	2.06	2.78	2.09	3.05	2.24	3.15	2.16
12	24			2.04	1.80	2.44	2.03	2.64	2.06	2.76	2.06	3.01	2.22	3.11	2.15
(m³/min)	26			2.03	1.79	2.43	2.03	2.62	2.06	2.73	2.05	2.96	2.19	3.06	2.14
	28	1.84	1.77	2.03	1.79	2.42	2.03	2.59	2.05	2.70	2.05	2.92	2.18	3.01	2.13
	30	1.84	1.77	2.03	1.79	2.40	2.01	2.57	2.04	2.67	2.04	2.87	2.17	2.97	2.11
	32	1.84	1.77	2.02	1.79	2.38	2.01	2.54	2.03	2.64	2.03	2.83	2.16	2.92	2.11
	34	1.84	1.77	2.02	1.79	2.37	2.00	2.51	2.02	2.59	2.01	2.77	2.13	2.86	2.08
	35	1.84	1.77	2.01	1.79	2.37	2.00	2.49	2.01	2.57	2.00	2.74	2.12	2.83	2.07
	36	1.84	1.77	2.01	1.79	2.35	2.00	2.48	2.01	2.55	2.00	2.69	2.10	2.78	2.06
	38	1.84	1.77	2.00	1.78	2.31	1.98	2.45	2.00	2.50	1.98	2.59	2.07	2.67	2.02
	39	1.84	1.77	2.00	1.78	2.29	1.97	2.44	1.99	2.47	1.96	2.54	2.05	2.61	2.00
	41	1.84	1.77	2.00	1.78	2.23	1.95	2.34	1.95	2.37	1.93	2.43	2.02	2.49	1.94
	43	1.84	1.77	1.99	1.78	2.16	1.92	2.24	1.92	2.27	1.89	2.32	1.96	2.37	1.92

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	1.63	1.63	1.63	1.63	1.63
	-17.8	-18	1.73	1.73	1.73	1.73	1.73
	-15.7	-16	1.84	1.84	1.84	1.84	1.84
	-13.7	-14	1.94	1.94	1.94	1.94	1.94
	-11.7	-12	2.05	2.05	2.05	2.05	2.05
Hi	-9.6	-10	2.15	2.15	2.15	2.15	2.15
	-7.5	-8	2.29	2.29	2.29	2.29	2.29
12	-5.5	-6	2.42	2.42	2.42	2.42	2.42
(m³/min)	-3.4	-4	2.50	2.50	2.49	2.47	2.45
	-1.3	-2	2.59	2.58	2.57	2.52	2.47
	0.8	0	2.73	2.69	2.65	2.55	2.46
	3.9	3	2.96	2.85	2.75	2.59	2.44
	7.0	6	3.23	3.02	2.81	2.61	2.42
	10.1	9	3.21	3.01	2.80	2.60	2.40
	13.2	12	3.19	2.99	2.78	2.58	2.37
	16.9	15.5	3.17	2.96	2.76	2.55	2.35

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			1.81	1.57	2.17	1.78	2.34	1.82	2.49	1.83	2.79	1.99	2.90	1.94
	12			1.81	1.57	2.17	1.78	2.34	1.82	2.49	1.83	2.78	1.98	2.89	1.94
	14			1.81	1.57	2.17	1.78	2.34	1.82	2.49	1.83	2.77	1.98	2.87	1.93
	16			1.81	1.57	2.17	1.78	2.34	1.82	2.48	1.82	2.76	1.97	2.86	1.93
	18			1.81	1.57	2.17	1.78	2.34	1.82	2.48	1.82	2.75	1.97	2.85	1.93
Me	20			1.81	1.57	2.17	1.78	2.34	1.82	2.47	1.82	2.74	1.97	2.84	1.92
	22			1.81	1.57	2.16	1.78	2.34	1.82	2.46	1.82	2.71	1.96	2.80	1.89
10	24			1.81	1.57	2.16	1.78	2.34	1.82	2.45	1.82	2.67	1.94	2.76	1.88
(m³/min)	26			1.80	1.57	2.15	1.77	2.32	1.81	2.42	1.81	2.63	1.91	2.72	1.87
	28	1.64	1.55	1.80	1.57	2.14	1.77	2.30	1.80	2.39	1.79	2.59	1.90	2.67	1.86
	30	1.64	1.55	1.80	1.57	2.13	1.76	2.28	1.79	2.37	1.79	2.55	1.89	2.63	1.85
	32	1.64	1.55	1.79	1.56	2.11	1.76	2.25	1.78	2.34	1.78	2.51	1.88	2.59	1.84
	34	1.64	1.55	1.79	1.56	2.10	1.75	2.22	1.77	2.30	1.76	2.46	1.87	2.54	1.82
	35	1.64	1.55	1.79	1.56	2.10	1.75	2.21	1.76	2.28	1.75	2.43	1.86	2.51	1.81
	36	1.64	1.55	1.78	1.56	2.08	1.74	2.20	1.76	2.26	1.75	2.39	1.84	2.46	1.80
	38	1.64	1.55	1.78	1.56	2.05	1.73	2.18	1.75	2.22	1.73	2.30	1.81	2.37	1.76
	39	1.64	1.55	1.78	1.56	2.04	1.73	2.17	1.75	2.19	1.72	2.25	1.79	2.32	1.75
	41	1.64	1.55	1.77	1.55	1.97	1.70	2.08	1.71	2.10	1.69	2.15	1.76	2.21	1.70
	43	1.64	1.55	1.76	1.55	1.91	1.66	1.99	1.68	2.01	1.64	2.05	1.71	2.10	1.67

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	1.43	1.43	1.43	1.43	1.43
	-17.8	-18	1.52	1.52	1.52	1.52	1.52
	-15.7	-16	1.61	1.61	1.61	1.61	1.61
	-13.7	-14	1.71	1.71	1.71	1.71	1.71
	-11.7	-12	1.80	1.80	1.80	1.80	1.80
Me	-9.6	-10	1.89	1.89	1.89	1.89	1.89
	-7.5	-8	2.01	2.01	2.01	2.01	2.01
10	-5.5	-6	2.12	2.12	2.12	2.12	2.12
(m³/min)	-3.4	-4	2.19	2.19	2.19	2.17	2.15
	-1.3	-2	2.27	2.26	2.26	2.21	2.17
	0.8	0	2.39	2.36	2.32	2.24	2.16
	3.9	3	2.60	2.50	2.41	2.28	2.14
	7.0	6	2.84	2.65	2.47	2.29	2.12
	10.1	9	2.82	2.64	2.46	2.28	2.10
	13.2	12	2.80	2.62	2.44	2.26	2.08
	16.9	15.5	2.78	2.60	2.42	2.24	2.06

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			1.68	1.45	2.01	1.64	2.18	1.68	2.32	1.69	2.60	1.84	2.69	1.79
	12			1.68	1.45	2.01	1.64	2.18	1.68	2.31	1.69	2.59	1.84	2.68	1.79
	14			1.68	1.45	2.01	1.64	2.18	1.68	2.31	1.69	2.58	1.83	2.67	1.78
	16			1.68	1.45	2.01	1.64	2.18	1.68	2.31	1.69	2.57	1.83	2.66	1.78
	18			1.68	1.45	2.01	1.64	2.18	1.68	2.30	1.69	2.56	1.82	2.65	1.77
Lo	20			1.68	1.45	2.01	1.64	2.18	1.68	2.30	1.69	2.55	1.82	2.64	1.77
	22			1.68	1.45	2.01	1.64	2.18	1.68	2.29	1.68	2.52	1.81	2.60	1.76
9	24			1.68	1.45	2.01	1.64	2.18	1.68	2.28	1.68	2.48	1.79	2.56	1.73
(m³/min)	26			1.68	1.45	2.00	1.64	2.16	1.67	2.25	1.67	2.44	1.78	2.53	1.73
	28	1.52	1.43	1.68	1.45	1.99	1.63	2.14	1.66	2.23	1.66	2.41	1.75	2.49	1.72
	30	1.52	1.43	1.67	1.45	1.98	1.63	2.12	1.65	2.20	1.65	2.37	1.74	2.45	1.71
	32	1.52	1.43	1.67	1.45	1.96	1.62	2.10	1.64	2.17	1.64	2.33	1.73	2.41	1.69
	34	1.52	1.43	1.66	1.44	1.96	1.62	2.07	1.63	2.14	1.63	2.28	1.72	2.36	1.68
	35	1.52	1.43	1.66	1.44	1.95	1.62	2.05	1.63	2.12	1.62	2.26	1.71	2.34	1.67
	36	1.52	1.43	1.66	1.44	1.94	1.61	2.04	1.62	2.10	1.61	2.22	1.70	2.29	1.66
	38	1.52	1.43	1.65	1.44	1.91	1.60	2.02	1.61	2.06	1.59	2.14	1.67	2.20	1.62
	39	1.52	1.43	1.65	1.44	1.89	1.59	2.01	1.61	2.04	1.59	2.10	1.66	2.16	1.62
	41	1.52	1.43	1.65	1.44	1.84	1.57	1.93	1.58	1.96	1.56	2.00	1.62	2.05	1.58
	43	1.52	1.43	1.64	1.43	1.78	1.54	1.85	1.53	1.87	1.52	1.91	1.58	1.95	1.54

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	1.32	1.32	1.32	1.32	1.32
	-17.8	-18	1.41	1.41	1.41	1.41	1.41
	-15.7	-16	1.49	1.49	1.49	1.49	1.49
	-13.7	-14	1.58	1.58	1.58	1.58	1.58
	-11.7	-12	1.66	1.66	1.66	1.66	1.66
Lo	-9.6	-10	1.75	1.75	1.75	1.75	1.75
	-7.5	-8	1.86	1.86	1.86	1.86	1.86
9	-5.5	-6	1.96	1.96	1.96	1.96	1.96
(m³/min)	-3.4	-4	2.03	2.03	2.03	2.01	1.99
	-1.3	-2	2.10	2.09	2.09	2.05	2.01
	0.8	0	2.21	2.18	2.15	2.07	2.00
	3.9	3	2.40	2.32	2.23	2.11	1.98
	7.0	6	2.62	2.45	2.28	2.12	1.96
	10.1	9	2.61	2.44	2.27	2.11	1.95
	13.2	12	2.59	2.43	2.26	2.09	1.93
	16.9	15.5	2.57	2.41	2.24	2.07	1.91

Notes (1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJB001Z731

Model **FDTW45KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			3.69	3.00	4.41	3.39	4.77	3.46	5.07	3.51	5.68	3.78	5.90	3.70
	12			3.69	3.00	4.41	3.39	4.77	3.46	5.07	3.51	5.66	3.78	5.88	3.69
	14			3.69	3.00	4.41	3.39	4.77	3.46	5.06	3.51	5.64	3.77	5.85	3.68
	16			3.69	3.00	4.41	3.39	4.77	3.46	5.05	3.51	5.62	3.76	5.83	3.68
	18			3.69	3.00	4.41	3.39	4.77	3.46	5.05	3.51	5.60	3.76	5.80	3.67
P-Hi	20			3.69	3.00	4.41	3.39	4.77	3.46	5.04	3.50	5.58	3.75	5.78	3.66
	22			3.68	3.00	4.41	3.39	4.77	3.46	5.02	3.50	5.51	3.73	5.70	3.64
14.5	24			3.68	3.00	4.41	3.39	4.77	3.46	4.99	3.48	5.44	3.70	5.62	3.61
(m³/min)	26			3.68	3.00	4.39	3.39	4.73	3.45	4.93	3.45	5.35	3.67	5.53	3.58
	28	3.33	2.96	3.67	2.99	4.37	3.38	4.68	3.43	4.88	3.43	5.27	3.64	5.44	3.54
	30	3.33	2.96	3.66	2.99	4.33	3.36	4.64	3.42	4.82	3.41	5.19	3.61	5.36	3.51
	32	3.33	2.96	3.65	2.99	4.30	3.35	4.59	3.40	4.76	3.39	5.11	3.58	5.28	3.49
	34	3.33	2.96	3.64	2.98	4.28	3.34	4.53	3.37	4.69	3.36	5.00	3.54	5.17	3.45
	35	3.33	2.96	3.64	2.98	4.28	3.34	4.50	3.36	4.65	3.35	4.95	3.52	5.12	3.41
	36	3.33	2.96	3.63	2.98	4.24	3.32	4.48	3.35	4.60	3.33	4.86	3.49	5.02	3.38
	38	3.33	2.96	3.62	2.97	4.18	3.30	4.43	3.33	4.52	3.29	4.68	3.41	4.82	3.33
	39	3.33	2.96	3.62	2.97	4.15	3.28	4.41	3.32	4.47	3.28	4.59	3.39	4.72	3.30
	41	3.33	2.96	3.61	2.96	4.02	3.23	4.23	3.25	4.28	3.20	4.39	3.32	4.50	3.23
	43	3.33	2.96	3.59	2.96	3.90	3.18	4.05	3.18	4.09	3.13	4.18	3.24	4.28	3.15

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.90	2.90	2.90	2.90	2.90
	-17.8	-18	3.09	3.09	3.09	3.09	3.09
	-15.7	-16	3.27	3.27	3.27	3.27	3.27
	-13.7	-14	3.46	3.46	3.46	3.46	3.46
	-11.7	-12	3.65	3.65	3.65	3.65	3.65
P-Hi	-9.6	-10	3.83	3.83	3.83	3.83	3.83
	-7.5	-8	4.07	4.07	4.07	4.07	4.07
14.5	-5.5	-6	4.30	4.30	4.30	4.30	4.30
(m³/min)	-3.4	-4	4.45	4.44	4.44	4.39	4.35
	-1.3	-2	4.60	4.59	4.58	4.49	4.40
	0.8	0	4.85	4.78	4.71	4.54	4.38
	3.9	3	5.26	5.08	4.89	4.61	4.34
	7.0	6	5.75	5.38	5.00	4.65	4.30
	10.1	9	5.71	5.35	4.98	4.62	4.26
	13.2	12	5.68	5.31	4.95	4.59	4.23
	16.9	15.5	5.63	5.27	4.91	4.54	4.18

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			3.20	2.57	3.82	2.90	4.14	2.98	4.40	3.02	4.93	3.26	5.12	3.18
	12			3.20	2.57	3.82	2.90	4.14	2.98	4.40	3.02	4.91	3.25	5.10	3.16
	14			3.20	2.57	3.82	2.90	4.14	2.98	4.39	3.02	4.90	3.25	5.08	3.16
	16			3.20	2.57	3.82	2.90	4.14	2.98	4.38	3.01	4.88	3.24	5.05	3.15
	18			3.20	2.57	3.82	2.90	4.14	2.98	4.38	3.01	4.86	3.23	5.03	3.14
Hi	20			3.20	2.57	3.82	2.90	4.14	2.98	4.37	3.00	4.84	3.22	5.01	3.13
	22			3.19	2.56	3.82	2.90	4.14	2.98	4.35	3.00	4.78	3.20	4.94	3.10
12	24			3.19	2.56	3.82	2.90	4.14	2.98	4.33	2.99	4.72	3.18	4.87	3.08
(m³/min)	26			3.19	2.56	3.80	2.90	4.10	2.96	4.28	2.97	4.64	3.13	4.80	3.06
	28	2.89	2.53	3.19	2.56	3.79	2.89	4.06	2.94	4.23	2.95	4.57	3.11	4.72	3.03
	30	2.89	2.53	3.18	2.56	3.76	2.88	4.02	2.92	4.18	2.93	4.50	3.09	4.65	3.01
	32	2.89	2.53	3.17	2.56	3.73	2.87	3.98	2.90	4.13	2.89	4.43	3.07	4.58	2.99
	34	2.89	2.53	3.16	2.55	3.71	2.86	3.93	2.89	4.07	2.88	4.34	3.03	4.49	2.96
	35	2.89	2.53	3.15	2.55	3.71	2.86	3.90	2.88	4.03	2.86	4.29	3.01	4.44	2.94
	36	2.89	2.53	3.15	2.55	3.68	2.84	3.88	2.87	3.99	2.85	4.21	2.98	4.35	2.91
	38	2.89	2.53	3.14	2.55	3.62	2.82	3.84	2.85	3.92	2.82	4.06	2.92	4.18	2.85
	39	2.89	2.53	3.14	2.55	3.60	2.81	3.83	2.85	3.88	2.81	3.98	2.90	4.09	2.80
	41	2.89	2.53	3.13	2.54	3.49	2.76	3.67	2.78	3.71	2.74	3.81	2.83	3.90	2.75
	43	2.89	2.53	3.12	2.54	3.38	2.72	3.51	2.71	3.55	2.68	3.63	2.77	3.71	2.69

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.47	2.47	2.47	2.47	2.47
	-17.8	-18	2.63	2.63	2.63	2.63	2.63
	-15.7	-16	2.78	2.78	2.78	2.78	2.78
	-13.7	-14	2.94	2.94	2.94	2.94	2.94
	-11.7	-12	3.10	3.10	3.10	3.10	3.10
Hi	-9.6	-10	3.26	3.26	3.26	3.26	3.26
	-7.5	-8	3.46	3.46	3.46	3.46	3.46
12	-5.5	-6	3.66	3.66	3.66	3.66	3.66
(m³/min)	-3.4	-4	3.79	3.78	3.77	3.74	3.70
	-1.3	-2	3.91	3.90	3.89	3.82	3.74
	0.8	0	4.13	4.07	4.01	3.87	3.72
	3.9	3	4.48	4.32	4.16	3.92	3.69
	7.0	6	4.89	4.57	4.25	3.96	3.66
	10.1	9	4.86	4.55	4.24	3.93	3.63
	13.2	12	4.83	4.52	4.21	3.90	3.59
	16.9	15.5	4.79	4.48	4.17	3.87	3.56

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			2.77	2.20	3.31	2.49	3.58	2.54	3.81	2.59	4.27	2.79	4.43	2.72
	12			2.77	2.20	3.31	2.49	3.58	2.54	3.80	2.58	4.25	2.78	4.41	2.71
	14			2.77	2.20	3.31	2.49	3.58	2.54	3.80	2.58	4.23	2.78	4.39	2.70
	16			2.77	2.20	3.31	2.49	3.58	2.54	3.79	2.58	4.22	2.77	4.37	2.70
	18			2.77	2.20	3.31	2.49	3.58	2.54	3.79	2.58	4.20	2.76	4.35	2.67
Me	20			2.77	2.20	3.31	2.49	3.58	2.54	3.78	2.57	4.19	2.76	4.33	2.67
	22			2.76	2.19	3.31	2.49	3.58	2.54	3.76	2.57	4.14	2.74	4.27	2.65
10	24			2.76	2.19	3.31	2.49	3.58	2.54	3.75	2.56	4.08	2.71	4.21	2.64
(m³/min)	26			2.76	2.19	3.29	2.48	3.55	2.53	3.70	2.53	4.02	2.69	4.15	2.61
	28	2.50	2.17	2.76	2.19	3.28	2.48	3.51	2.52	3.66	2.52	3.95	2.67	4.09	2.59
	30	2.50	2.17	2.75	2.19	3.25	2.46	3.48	2.51	3.62	2.50	3.89	2.64	4.02	2.57
	32	2.50	2.17	2.74	2.19	3.22	2.45	3.44	2.49	3.57	2.49	3.83	2.62	3.96	2.55
	34	2.50	2.17	2.73	2.18	3.21	2.45	3.40	2.47	3.52	2.47	3.75	2.59	3.88	2.52
	35	2.50	2.17	2.73	2.18	3.21	2.45	3.38	2.46	3.49	2.46	3.71	2.57	3.84	2.51
	36	2.50	2.17	2.72	2.18	3.18	2.43	3.36	2.46	3.45	2.44	3.64	2.55	3.77	2.49
	38	2.50	2.17	2.72	2.18	3.13	2.41	3.33	2.44	3.39	2.41	3.51	2.50	3.62	2.42
	39	2.50	2.17	2.71	2.18	3.11	2.40	3.31	2.43	3.35	2.39	3.44	2.46	3.54	2.40
	41	2.50	2.17	2.71	2.18	3.02	2.36	3.17	2.38	3.21	2.34	3.29	2.42	3.38	2.35
	43	2.50	2.17	2.70	2.17	2.92	2.32	3.04	2.32	3.07	2.29	3.14	2.36	3.21	2.30

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.10	2.10	2.10	2.10	2.10
	-17.8	-18	2.24	2.24	2.24	2.24	2.24
	-15.7	-16	2.37	2.37	2.37	2.37	2.37
	-13.7	-14	2.51	2.51	2.51	2.51	2.51
	-11.7	-12	2.64	2.64	2.64	2.64	2.64
Me	-9.6	-10	2.78	2.78	2.78	2.78	2.78
	-7.5	-8	2.95	2.95	2.95	2.95	2.95
10	-5.5	-6	3.12	3.12	3.12	3.12	3.12
(m³/min)	-3.4	-4	3.23	3.22	3.22	3.19	3.15
	-1.3	-2	3.33	3.33	3.32	3.25	3.19
	0.8	0	3.52	3.47	3.42	3.29	3.17
	3.9	3	3.81	3.68	3.54	3.34	3.14
	7.0	6	4.17	3.90	3.62	3.37	3.12
	10.1	9	4.14	3.88	3.61	3.35	3.09
	13.2	12	4.11	3.85	3.59	3.33	3.06
	16.9	15.5	4.08	3.82	3.56	3.29	3.03

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			2.54	2.01	3.03	2.27	3.28	2.33	3.49	2.36	3.91	2.55	4.06	2.48
	12			2.54	2.01	3.03	2.27	3.28	2.33	3.49	2.36	3.90	2.54	4.04	2.47
	14			2.54	2.01	3.03	2.27	3.28	2.33	3.48	2.36	3.88	2.53	4.03	2.47
	16			2.54	2.01	3.03	2.27	3.28	2.33	3.48	2.36	3.87	2.53	4.01	2.46
	18			2.54	2.01	3.03	2.27	3.28	2.33	3.47	2.35	3.85	2.52	3.99	2.45
Lo	20			2.54	2.01	3.03	2.27	3.28	2.33	3.47	2.35	3.84	2.52	3.97	2.45
	22			2.53	2.00	3.03	2.27	3.28	2.33	3.45	2.34	3.79	2.50	3.92	2.43
9	24			2.53	2.00	3.03	2.27	3.28	2.33	3.44	2.34	3.74	2.48	3.86	2.41
(m³/min)	26			2.53	2.00	3.02	2.25	3.25	2.31	3.39	2.32	3.68	2.45	3.80	2.39
	28	2.29	1.97	2.53	2.00	3.00	2.25	3.22	2.30	3.35	2.30	3.62	2.43	3.75	2.37
	30	2.29	1.97	2.52	2.00	2.98	2.24	3.19	2.29	3.32	2.29	3.57	2.41	3.69	2.33
	32	2.29	1.97	2.51	1.99	2.96	2.23	3.16	2.27	3.28	2.27	3.51	2.38	3.63	2.32
	34	2.29	1.97	2.51	1.99	2.95	2.23	3.12	2.26	3.22	2.25	3.44	2.36	3.56	2.30
	35	2.29	1.97	2.50	1.99	2.94	2.23	3.10	2.24	3.20	2.24	3.40	2.34	3.52	2.28
	36	2.29	1.97	2.50	1.99	2.92	2.22	3.08	2.23	3.17	2.22	3.34	2.32	3.45	2.26
	38	2.29	1.97	2.49	1.98	2.87	2.20	3.05	2.22	3.11	2.20	3.22	2.28	3.32	2.21
	39	2.29	1.97	2.49	1.98	2.85	2.19	3.03	2.21	3.08	2.19	3.16	2.26	3.25	2.19
	41	2.29	1.97	2.48	1.98	2.77	2.16	2.91	2.17	2.95	2.14	3.02	2.21	3.10	2.14
	43	2.29	1.97	2.47	1.98	2.68	2.12	2.79	2.12	2.82	2.09	2.88	2.16	2.94	2.08

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	1.91	1.91	1.91	1.91	1.91
	-17.8	-18	2.04	2.04	2.04	2.04	2.04
	-15.7	-16	2.16	2.16	2.16	2.16	2.16
	-13.7	-14	2.28	2.28	2.28	2.28	2.28
	-11.7	-12	2.41	2.41	2.41	2.41	2.41
Lo	-9.6	-10	2.53	2.53	2.53	2.53	2.53
	-7.5	-8	2.68	2.68	2.68	2.68	2.68
9	-5.5	-6	2.84	2.84	2.84	2.84	2.84
(m³/min)	-3.4	-4	2.94	2.93	2.93	2.90	2.87
	-1.3	-2	3.03	3.03	3.02	2.96	2.90
	0.8	0	3.20	3.15	3.11	3.00	2.89
	3.9	3	3.47	3.35	3.22	3.04	2.86
	7.0	6	3.79	3.55	3.30	3.07	2.84
	10.1	9	3.77	3.53	3.29	3.05	2.81
	13.2	12	3.74	3.50	3.27	3.03	2.79
	16.9	15.5	3.71	3.48	3.24	3.00	2.76

Notes (1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJB001Z731

Model FDTW56KXE6F Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			4.59	3.57	5.49	4.05	5.94	4.15	6.32	4.21	7.07	4.54	7.35	4.41
	12			4.59	3.57	5.49	4.05	5.94	4.15	6.31	4.21	7.05	4.53	7.31	4.39
	14			4.59	3.57	5.49	4.05	5.94	4.15	6.30	4.20	7.02	4.50	7.28	4.39
	16			4.59	3.57	5.49	4.05	5.94	4.15	6.29	4.20	7.00	4.49	7.25	4.38
	18			4.59	3.57	5.49	4.05	5.94	4.15	6.28	4.20	6.97	4.48	7.22	4.37
P-Hi	20			4.59	3.57	5.49	4.05	5.94	4.15	6.27	4.19	6.95	4.48	7.19	4.36
	22			4.58	3.56	5.49	4.05	5.94	4.15	6.24	4.17	6.86	4.45	7.09	4.32
14.5	24			4.58	3.56	5.48	4.04	5.94	4.15	6.21	4.16	6.77	4.42	6.99	4.28
(m³/min)	26			4.57	3.56	5.46	4.03	5.88	4.12	6.14	4.13	6.66	4.37	6.88	4.24
	28	4.14	3.51	4.57	3.56	5.43	4.02	5.82	4.08	6.07	4.11	6.56	4.33	6.78	4.21
	30	4.14	3.51	4.56	3.55	5.39	4.00	5.77	4.07	6.00	4.06	6.46	4.29	6.67	4.17
	32	4.14	3.51	4.55	3.55	5.35	3.99	5.71	4.04	5.93	4.03	6.36	4.25	6.57	4.14
	34	4.14	3.51	4.53	3.54	5.33	3.98	5.64	4.02	5.83	4.00	6.22	4.20	6.44	4.09
	35	4.14	3.51	4.52	3.54	5.32	3.97	5.60	4.00	5.79	3.98	6.16	4.17	6.37	4.06
	36	4.14	3.51	4.52	3.54	5.28	3.95	5.57	3.99	5.73	3.96	6.05	4.14	6.25	4.00
	38	4.14	3.51	4.51	3.53	5.20	3.92	5.52	3.97	5.62	3.92	5.82	4.03	6.00	3.93
	39	4.14	3.51	4.50	3.53	5.16	3.90	5.49	3.95	5.56	3.89	5.71	4.00	5.87	3.89
	41	4.14	3.51	4.49	3.53	5.00	3.83	5.26	3.86	5.33	3.80	5.46	3.91	5.60	3.80
	43	4.14	3.51	4.47	3.52	4.85	3.77	5.04	3.76	5.10	3.71	5.21	3.83	5.32	3.71

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	3.65	3.65	3.65	3.65	3.65
	-17.8	-18	3.89	3.89	3.89	3.89	3.89
	-15.7	-16	4.12	4.12	4.12	4.12	4.12
	-13.7	-14	4.36	4.36	4.36	4.36	4.36
	-11.7	-12	4.59	4.59	4.59	4.59	4.59
P-Hi	-9.6	-10	4.83	4.83	4.83	4.83	4.83
	-7.5	-8	5.12	5.12	5.12	5.12	5.12
14.5	-5.5	-6	5.42	5.42	5.42	5.42	5.42
(m³/min)	-3.4	-4	5.61	5.60	5.59	5.54	5.48
	-1.3	-2	5.80	5.78	5.76	5.65	5.54
	0.8	0	6.11	6.02	5.94	5.73	5.51
	3.9	3	6.63	6.39	6.16	5.81	5.47
	7.0	6	7.25	6.77	6.30	5.86	5.42
	10.1	9	7.20	6.74	6.28	5.82	5.37
	13.2	12	7.15	6.69	6.24	5.78	5.32
	16.9	15.5	7.10	6.64	6.18	5.73	5.27

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			3.98	3.04	4.76	3.45	5.15	3.54	5.48	3.59	6.14	3.88	6.37	3.77
	12			3.98	3.04	4.76	3.45	5.15	3.54	5.47	3.59	6.11	3.87	6.34	3.76
	14			3.98	3.04	4.76	3.45	5.15	3.54	5.46	3.59	6.09	3.86	6.32	3.75
	16			3.98	3.04	4.76	3.45	5.15	3.54	5.46	3.59	6.07	3.85	6.29	3.74
	18			3.98	3.04	4.76	3.45	5.15	3.54	5.45	3.58	6.05	3.84	6.26	3.73
Hi	20			3.98	3.04	4.76	3.45	5.15	3.54	5.44	3.58	6.03	3.84	6.23	3.72
	22			3.98	3.04	4.76	3.45	5.15	3.54	5.42	3.57	5.95	3.80	6.15	3.69
12	24			3.97	3.04	4.76	3.45	5.15	3.54	5.39	3.55	5.87	3.77	6.06	3.65
(m³/min)	26			3.97	3.04	4.73	3.44	5.10	3.52	5.33	3.53	5.78	3.73	5.97	3.61
	28	3.59	2.98	3.96	3.04	4.71	3.43	5.05	3.50	5.26	3.50	5.69	3.69	5.88	3.58
	30	3.59	2.98	3.95	3.03	4.68	3.41	5.00	3.47	5.20	3.47	5.60	3.65	5.79	3.55
	32	3.59	2.98	3.94	3.03	4.64	3.40	4.95	3.45	5.14	3.45	5.51	3.62	5.70	3.52
	34	3.59	2.98	3.93	3.02	4.62	3.38	4.89	3.43	5.06	3.42	5.40	3.58	5.58	3.48
	35	3.59	2.98	3.92	3.01	4.61	3.38	4.86	3.41	5.02	3.40	5.34	3.56	5.52	3.45
	36	3.59	2.98	3.92	3.01	4.58	3.36	4.83	3.40	4.97	3.38	5.24	3.52	5.42	3.42
	38	3.59	2.98	3.91	3.01	4.51	3.33	4.78	3.38	4.87	3.34	5.05	3.44	5.20	3.35
	39	3.59	2.98	3.91	3.01	4.48	3.32	4.76	3.37	4.83	3.31	4.96	3.41	5.10	3.31
	41	3.59	2.98	3.89	3.00	4.34	3.26	4.57	3.28	4.62	3.23	4.74	3.33	4.86	3.21
	43	3.59	2.98	3.88	3.00	4.21	3.20	4.37	3.20	4.42	3.15	4.52	3.24	4.62	3.14

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	3.11	3.11	3.11	3.11	3.11
	-17.8	-18	3.31	3.31	3.31	3.31	3.31
	-15.7	-16	3.51	3.51	3.51	3.51	3.51
	-13.7	-14	3.71	3.71	3.71	3.71	3.71
	-11.7	-12	3.91	3.91	3.91	3.91	3.91
Hi	-9.6	-10	4.11	4.11	4.11	4.11	4.11
	-7.5	-8	4.36	4.36	4.36	4.36	4.36
12	-5.5	-6	4.61	4.61	4.61	4.61	4.61
(m³/min)	-3.4	-4	4.77	4.76	4.76	4.71	4.66
	-1.3	-2	4.93	4.92	4.90	4.81	4.72
	0.8	0	5.20	5.12	5.05	4.87	4.69
	3.9	3	5.64	5.44	5.24	4.94	4.65
	7.0	6	6.16	5.76	5.36	4.98	4.61
	10.1	9	6.12	5.73	5.34	4.95	4.57
	13.2	12	6.08	5.69	5.31	4.92	4.53
	16.9	15.5	6.04	5.65	5.26	4.87	4.48

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			3.44	2.60	4.12	2.95	4.45	3.03	4.74	3.08	5.31	3.32	5.51	3.23
	12			3.44	2.60	4.12	2.95	4.45	3.03	4.73	3.08	5.29	3.32	5.49	3.22
	14			3.44	2.60	4.12	2.95	4.45	3.03	4.73	3.08	5.27	3.31	5.46	3.21
	16			3.44	2.60	4.12	2.95	4.45	3.03	4.72	3.07	5.25	3.30	5.44	3.21
	18			3.44	2.60	4.12	2.95	4.45	3.03	4.71	3.07	5.23	3.29	5.42	3.19
Me	20			3.44	2.60	4.12	2.95	4.45	3.03	4.71	3.07	5.21	3.28	5.39	3.18
	22			3.44	2.60	4.12	2.95	4.45	3.03	4.68	3.05	5.15	3.26	5.32	3.16
10	24			3.43	2.60	4.11	2.94	4.45	3.03	4.66	3.05	5.08	3.23	5.25	3.12
(m³/min)	26			3.43	2.60	4.09	2.94	4.41	3.01	4.61	3.03	5.00	3.19	5.16	3.09
	28	3.11	2.56	3.43	2.60	4.08	2.93	4.37	3.00	4.55	3.00	4.92	3.16	5.08	3.07
	30	3.11	2.56	3.42	2.59	4.04	2.92	4.33	2.98	4.50	2.98	4.84	3.13	5.01	3.04
	32	3.11	2.56	3.41	2.59	4.01	2.90	4.29	2.96	4.45	2.96	4.77	3.10	4.93	3.01
	34	3.11	2.56	3.40	2.58	4.00	2.90	4.23	2.93	4.38	2.92	4.67	3.06	4.83	2.98
	35	3.11	2.56	3.39	2.58	3.99	2.90	4.20	2.91	4.34	2.90	4.62	3.05	4.78	2.96
	36	3.11	2.56	3.39	2.58	3.96	2.88	4.18	2.91	4.30	2.89	4.54	3.01	4.69	2.92
	38	3.11	2.56	3.38	2.58	3.90	2.86	4.14	2.89	4.22	2.86	4.37	2.95	4.50	2.86
	39	3.11	2.56	3.38	2.58	3.87	2.84	4.12	2.88	4.17	2.84	4.29	2.92	4.41	2.81
	41	3.11	2.56	3.37	2.57	3.76	2.79	3.95	2.81	4.00	2.77	4.10	2.83	4.20	2.75
	43	3.11	2.56	3.35	2.56	3.64	2.74	3.78	2.74	3.82	2.69	3.91	2.77	3.99	2.68

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.65	2.65	2.65	2.65	2.65
	-17.8	-18	2.82	2.82	2.82	2.82	2.82
	-15.7	-16	2.99	2.99	2.99	2.99	2.99
	-13.7	-14	3.16	3.16	3.16	3.16	3.16
	-11.7	-12	3.33	3.33	3.33	3.33	3.33
Me	-9.6	-10	3.50	3.50	3.50	3.50	3.50
	-7.5	-8	3.71	3.71	3.71	3.71	3.71
10	-5.5	-6	3.93	3.93	3.93	3.93	3.93
(m³/min)	-3.4	-4	4.06	4.06	4.05	4.01	3.97
	-1.3	-2	4.20	4.19	4.18	4.10	4.02
	0.8	0	4.43	4.37	4.30	4.15	4.00
	3.9	3	4.81	4.64	4.46	4.21	3.96
	7.0	6	5.25	4.91	4.57	4.25	3.93
	10.1	9	5.22	4.88	4.55	4.22	3.89
	13.2	12	5.18	4.85	4.52	4.19	3.86
	16.9	15.5	5.14	4.81	4.48	4.15	3.82

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			3.16	2.38	3.77	2.69	4.08	2.77	4.34	2.81	4.87	3.03	5.05	2.95
	12			3.16	2.38	3.77	2.69	4.08	2.77	4.34	2.81	4.85	3.02	5.03	2.94
	14			3.16	2.38	3.77	2.69	4.08	2.77	4.33	2.80	4.83	3.01	5.01	2.93
	16			3.16	2.38	3.77	2.69	4.08	2.77	4.33	2.80	4.81	3.01	4.99	2.92
	18			3.16	2.38	3.77	2.69	4.08	2.77	4.32	2.80	4.80	3.00	4.97	2.92
Lo	20			3.16	2.38	3.77	2.69	4.08	2.77	4.31	2.80	4.78	3.00	4.94	2.90
	22			3.15	2.37	3.77	2.69	4.08	2.77	4.29	2.79	4.72	2.97	4.88	2.88
9	24			3.15	2.37	3.77	2.69	4.08	2.77	4.27	2.78	4.66	2.95	4.81	2.85
(m³/min)	26			3.15	2.37	3.75	2.68	4.04	2.75	4.22	2.76	4.58	2.92	4.74	2.83
	28	2.85	2.34	3.14	2.37	3.74	2.68	4.01	2.74	4.17	2.74	4.51	2.89	4.66	2.80
	30	2.85	2.34	3.14	2.37	3.71	2.67	3.97	2.72	4.13	2.72	4.44	2.86	4.59	2.77
	32	2.85	2.34	3.13	2.37	3.68	2.65	3.93	2.70	4.08	2.70	4.37	2.83	4.52	2.74
	34	2.85	2.34	3.12	2.36	3.67	2.65	3.88	2.68	4.01	2.67	4.28	2.79	4.43	2.71
	35	2.85	2.34	3.11	2.35	3.66	2.64	3.85	2.66	3.98	2.66	4.23	2.76	4.38	2.69
	36	2.85	2.34	3.11	2.35	3.63	2.63	3.83	2.66	3.94	2.64	4.16	2.74	4.30	2.67
	38	2.85	2.34	3.10	2.35	3.58	2.61	3.79	2.64	3.87	2.61	4.01	2.69	4.13	2.61
	39	2.85	2.34	3.10	2.35	3.55	2.59	3.78	2.63	3.83	2.59	3.93	2.66	4.04	2.58
	41	2.85	2.34	3.09	2.35	3.44	2.54	3.62	2.56	3.67	2.52	3.76	2.59	3.85	2.51
	43	2.85	2.34	3.08	2.34	3.34	2.50	3.47	2.50	3.51	2.46	3.58	2.52	3.66	2.44

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.41	2.41	2.41	2.41	2.41
	-17.8	-18	2.57	2.57	2.57	2.57	2.57
	-15.7	-16	2.72	2.72	2.72	2.72	2.72
	-13.7	-14	2.88	2.88	2.88	2.88	2.88
	-11.7	-12	3.03	3.03	3.03	3.03	3.03
Lo	-9.6	-10	3.19	3.19	3.19	3.19	3.19
	-7.5	-8	3.38	3.38	3.38	3.38	3.38
9	-5.5	-6	3.57	3.57	3.57	3.57	3.57
(m³/min)	-3.4	-4	3.70	3.69	3.69	3.65	3.62
	-1.3	-2	3.82	3.81	3.80	3.73	3.66
	0.8	0	4.03	3.97	3.92	3.78	3.64
	3.9	3	4.37	4.22	4.06	3.83	3.60
	7.0	6	4.78	4.47	4.16	3.86	3.57
	10.1	9	4.75	4.44	4.14	3.84	3.54
	13.2	12	4.72	4.42	4.11	3.81	3.51
	16.9	15.5	4.68	4.38	4.08	3.78	3.48

Notes (1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJB001Z731

Model FDTW71KXE6F Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
P-Hi 14.5 (m³/min)	10			5.82	4.29	6.96	4.87	7.53	5.01	8.01	5.09	8.97	5.48	9.31	5.32
	12			5.82	4.29	6.96	4.87	7.53	5.01	8.00	5.09	8.94	5.46	9.27	5.31
	14			5.82	4.29	6.96	4.87	7.53	5.01	7.99	5.08	8.90	5.45	9.23	5.29
	16			5.82	4.29	6.96	4.87	7.53	5.01	7.97	5.08	8.87	5.44	9.19	5.28
	18			5.82	4.29	6.96	4.87	7.53	5.01	7.96	5.07	8.84	5.43	9.15	5.26
	20			5.82	4.29	6.96	4.87	7.53	5.01	7.95	5.07	8.81	5.41	9.11	5.25
	22			5.81	4.29	6.95	4.86	7.53	5.01	7.92	5.06	8.70	5.37	8.99	5.20
	24			5.80	4.28	6.95	4.86	7.53	5.01	7.88	5.04	8.58	5.32	8.86	5.15
	26			5.80	4.28	6.92	4.85	7.46	4.98	7.79	4.99	8.45	5.27	8.73	5.10
	28	5.25	4.20	5.79	4.28	6.89	4.84	7.38	4.94	7.69	4.95	8.31	5.21	8.59	5.05
	30	5.25	4.20	5.78	4.27	6.83	4.80	7.31	4.91	7.60	4.91	8.19	5.16	8.46	5.00
	32	5.25	4.20	5.77	4.27	6.78	4.78	7.24	4.88	7.51	4.87	8.06	5.10	8.33	4.95
	34	5.25	4.20	5.75	4.26	6.76	4.77	7.15	4.83	7.39	4.82	7.89	5.04	8.16	4.89
	35	5.25	4.20	5.74	4.25	6.75	4.76	7.10	4.81	7.33	4.79	7.80	5.00	8.08	4.85
	36	5.25	4.20	5.73	4.25	6.69	4.74	7.06	4.79	7.26	4.76	7.66	4.94	7.92	4.80
	38	5.25	4.20	5.72	4.24	6.59	4.70	6.99	4.75	7.12	4.69	7.38	4.83	7.61	4.66
	39	5.25	4.20	5.71	4.23	6.54	4.67	6.96	4.74	7.05	4.66	7.24	4.77	7.45	4.61
	41	5.25	4.20	5.69	4.23	6.35	4.59	6.67	4.62	6.76	4.55	6.92	4.64	7.10	4.50
	43	5.25	4.20	5.67	4.22	6.15	4.50	6.39	4.50	6.46	4.42	6.60	4.53	6.75	4.38

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
P-Hi 14.5 (m³/min)	-19.8	-20	4.64	4.64	4.64	4.64	4.64
	-17.8	-18	4.94	4.94	4.94	4.94	4.94
	-15.7	-16	5.24	5.24	5.24	5.24	5.24
	-13.7	-14	5.54	5.54	5.54	5.54	5.54
	-11.7	-12	5.83	5.83	5.83	5.83	5.83
	-9.6	-10	6.13	6.13	6.13	6.13	6.13
	-7.5	-8	6.51	6.51	6.51	6.51	6.51
	-5.5	-6	6.88	6.88	6.88	6.88	6.88
	-3.4	-4	7.12	7.11	7.10	7.03	6.96
	-1.3	-2	7.36	7.34	7.32	7.18	7.04
	0.8	0	7.76	7.65	7.54	7.27	7.00
	3.9	3	8.42	8.12	7.82	7.38	6.94
	7.0	6	9.20	8.60	8.00	7.44	6.88
	10.1	9	9.14	8.56	7.97	7.40	6.82
	13.2	12	9.08	8.50	7.92	7.34	6.76
	16.9	15.5	9.01	8.43	7.85	7.27	6.69

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Hi 12 (m³/min)	10			4.99	3.64	5.96	4.13	6.45	4.25	6.86	4.33	7.68	4.66	7.98	4.52
	12			4.99	3.64	5.96	4.13	6.45	4.25	6.85	4.32	7.66	4.65	7.94	4.51
	14			4.99	3.64	5.96	4.13	6.45	4.25	6.84	4.32	7.63	4.64	7.91	4.50
	16			4.99	3.64	5.96	4.13	6.45	4.25	6.83	4.31	7.60	4.62	7.87	4.48
	18			4.99	3.64	5.96	4.13	6.45	4.25	6.82	4.31	7.57	4.61	7.84	4.47
	20			4.99	3.64	5.96	4.13	6.45	4.25	6.81	4.31	7.54	4.60	7.81	4.46
	22			4.98	3.64	5.96	4.13	6.45	4.25	6.78	4.29	7.45	4.56	7.70	4.41
	24			4.97	3.63	5.96	4.13	6.45	4.25	6.75	4.28	7.35	4.51	7.59	4.37
	26			4.97	3.63	5.93	4.11	6.39	4.23	6.67	4.24	7.24	4.47	7.48	4.32
	28	4.50	3.56	4.96	3.63	5.90	4.10	6.33	4.19	6.59	4.20	7.12	4.41	7.36	4.27
	30	4.50	3.56	4.95	3.62	5.85	4.08	6.26	4.16	6.51	4.16	7.01	4.36	7.25	4.24
	32	4.50	3.56	4.94	3.62	5.81	4.06	6.20	4.13	6.44	4.14	6.90	4.32	7.14	4.20
	34	4.50	3.56	4.92	3.60	5.79	4.05	6.12	4.10	6.33	4.09	6.76	4.26	6.99	4.14
	35	4.50	3.56	4.91	3.60	5.78	4.05	6.08	4.08	6.28	4.06	6.69	4.24	6.92	4.11
	36	4.50	3.56	4.91	3.60	5.73	4.02	6.05	4.06	6.22	4.04	6.57	4.19	6.78	4.06
	38	4.50	3.56	4.90	3.59	5.65	3.99	5.99	4.04	6.10	3.99	6.33	4.09	6.51	3.96
	39	4.50	3.56	4.89	3.59	5.60	3.96	5.96	4.03	6.04	3.96	6.21	4.04	6.38	3.91
	41	4.50	3.56	4.87	3.58	5.44	3.89	5.72	3.92	5.79	3.85	5.93	3.93	6.08	3.80
	43	4.50	3.56	4.86	3.58	5.27	3.80	5.47	3.81	5.53	3.73	5.65	3.82	5.78	3.70

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Hi 12 (m³/min)	-19.8	-20	3.89	3.89	3.89	3.89	3.89
	-17.8	-18	4.14	4.14	4.14	4.14	4.14
	-15.7	-16	4.39	4.39	4.39	4.39	4.39
	-13.7	-14	4.64	4.64	4.64	4.64	4.64
	-11.7	-12	4.89	4.89	4.89	4.89	4.89
	-9.6	-10	5.14	5.14	5.14	5.14	5.14
	-7.5	-8	5.46	5.46	5.46	5.46	5.46
	-5.5	-6	5.77	5.77	5.77	5.77	5.77
	-3.4	-4	5.97	5.96	5.95	5.90	5.84
	-1.3	-2	6.17	6.16	6.14	6.02	5.90
	0.8	0	6.51	6.42	6.32	6.10	5.87
	3.9	3	7.06	6.81	6.56	6.19	5.82
	7.0	6	7.72	7.21	6.71	6.24	5.77
	10.1	9	7.67	7.17	6.68	6.20	5.72
	13.2	12	7.61	7.13	6.64	6.16	5.67
	16.9	15.5	7.56	7.07	6.58	6.10	5.61

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Me 10 (m³/min)	10			4.27	3.09	5.10	3.51	5.52	3.61	5.87	3.68	6.58	3.97	6.83	3.85
	12			4.27	3.09	5.10	3.51	5.52	3.61	5.86	3.68	6.55	3.95	6.80	3.83
	14			4.27	3.09	5.10	3.51	5.52	3.61	5.85	3.67	6.53	3.94	6.77	3.82
	16			4.27	3.09	5.10	3.51	5.52	3.61	5.85	3.67	6.50	3.93	6.74	3.81
	18			4.27	3.09	5.10	3.51	5.52	3.61	5.84	3.66	6.48	3.92	6.71	3.80
	20			4.27	3.09	5.10	3.51	5.52	3.61	5.83	3.66	6.46	3.91	6.68	3.79
	22			4.26	3.08	5.10	3.51	5.52	3.61	5.80	3.65	6.38	3.88	6.59	3.75
	24			4.25	3.08	5.10	3.51	5.52	3.61	5.78	3.64	6.29	3.84	6.50	3.72
	26			4.25	3.08	5.07	3.49	5.47	3.59	5.71	3.60	6.19	3.80	6.40	3.67
	28	3.85	3.02	4.25	3.08	5.05	3.48	5.41	3.56	5.64	3.57	6.10	3.76	6.30	3.63
	30	3.85	3.02	4.24	3.07	5.01	3.47	5.36	3.54	5.58	3.54	6.00	3.71	6.20	3.59
	32	3.85	3.02	4.23	3.07	4.97	3.44	5.31	3.52	5.51	3.51	5.91	3.68	6.11	3.56
	34	3.85	3.02	4.21	3.06	4.95	3.44	5.24	3.49	5.42	3.47	5.78	3.62	5.98	3.50
	35	3.85	3.02	4.21	3.06	4.95	3.44	5.21	3.47	5.38	3.46	5.72	3.59	5.92	3.48
	36	3.85	3.02	4.20	3.05	4.91	3.42	5.18	3.46	5.33	3.43	5.62	3.55	5.81	3.44
	38	3.85	3.02	4.19	3.05	4.83	3.38	5.13	3.43	5.22	3.39	5.41	3.47	5.58	3.36
	39	3.85	3.02	4.19	3.05	4.80	3.37	5.10	3.42	5.17	3.36	5.31	3.43	5.46	3.31
	41	3.85	3.02	4.17	3.04	4.65	3.30	4.89	3.32	4.95	3.27	5.08	3.34	5.21	3.22
	43	3.85	3.02	4.16	3.03	4.51	3.23	4.68	3.23	4.74	3.17	4.84	3.24	4.95	3.13

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Me 10 (m³/min)	-19.8	-20	3.27	3.27	3.27	3.27	3.27
	-17.8	-18	3.48	3.48	3.48	3.48	3.48
	-15.7	-16	3.69	3.69	3.69	3.69	3.69
	-13.7	-14	3.91	3.91	3.91	3.91	3.91
	-11.7	-12	4.12	4.12	4.12	4.12	4.12
	-9.6	-10	4.33	4.33	4.33	4.33	4.33
	-7.5	-8	4.59	4.59	4.59	4.59	4.59
	-5.5	-6	4.85	4.85	4.85	4.85	4.85
	-3.4	-4	5.02	5.02	5.01	4.96	4.91
	-1.3	-2	5.19	5.18	5.16	5.07	4.97
	0.8	0	5.47	5.40	5.32	5.13	4.94
	3.9	3	5.94	5.73	5.52	5.21	4.90
	7.0	6	6.49	6.07	5.64	5.25	4.85
	10.1	9	6.45	6.04	5.62	5.22	4.81
	13.2	12	6.41	6.00	5.59	5.18	4.77
	16.9	15.5	6.36	5.95	5.54	5.13	4.72

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Lo 9 (m³/min)	10			3.89	2.80	4.65	3.19	5.03	3.28	5.35	3.34	5.99	3.60	6.22	3.49
	12			3.89	2.80	4.65	3.19	5.03	3.28	5.34	3.34	5.97	3.59	6.20	3.49
	14			3.89	2.80	4.65	3.19	5.03	3.28	5.34	3.34	5.95	3.58	6.17	3.47
	16			3.89	2.80	4.65	3.19	5.03	3.28	5.33	3.33	5.93	3.57	6.14	3.46
	18			3.89	2.80	4.65	3.19	5.03	3.28	5.32	3.33	5.91	3.57	6.12	3.45
	20			3.89	2.80	4.65	3.19	5.03	3.28	5.32	3.33	5.89	3.56	6.09	3.44
	22			3.88	2.80	4.65	3.19	5.03	3.28	5.29	3.31	5.81	3.52	6.01	3.41
	24			3.88	2.80	4.65	3.19	5.03	3.28	5.27	3.31	5.74	3.49	5.92	3.37
	26			3.88	2.80	4.62	3.17	4.98	3.25	5.20	3.28	5.65	3.45	5.83	3.33
	28	3.51	2.75	3.87	2.80	4.60	3.16	4.93	3.23	5.14	3.25	5.56	3.41	5.74	3.30
	30	3.51	2.75	3.86	2.79	4.57	3.15	4.89	3.21	5.08	3.21	5.47	3.37	5.66	3.27
	32	3.51	2.75	3.85	2.79	4.53	3.13	4.84	3.19	5.02	3.19	5.39	3.34	5.57	3.23
	34	3.51	2.75	3.84	2.78	4.52	3.13	4.78	3.17	4.94	3.15	5.27	3.29	5.45	3.19
	35	3.51	2.75	3.83	2.78	4.51	3.12	4.75	3.15	4.90	3.14	5.22	3.27	5.40	3.17
	36	3.51	2.75	3.83	2.78	4.47	3.10	4.72	3.14	4.85	3.12	5.12	3.23	5.29	3.12
	38	3.51	2.75	3.82	2.77	4.41	3.07	4.67	3.12	4.76	3.08	4.93	3.14	5.08	3.04
	39	3.51	2.75	3.82	2.77	4.37	3.05	4.65	3.11	4.71	3.05	4.84	3.11	4.98	3.01
	41	3.51	2.75	3.80	2.76	4.24	2.99	4.46	3.02	4.52	2.97	4.63	3.03	4.74	2.92
	43	3.51	2.75	3.79	2.75	4.11	2.94	4.27	2.93	4.32	2.89	4.41	2.94	4.51	2.84

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Lo 9 (m³/min)	-19.8	-20	2.96	2.96	2.96	2.96	2.96
	-17.8	-18	3.15	3.15	3.15	3.15	3.15
	-15.7	-16	3.34	3.34	3.34	3.34	3.34
	-13.7	-14	3.53	3.53	3.53	3.53	3.53
	-11.7	-12	3.72	3.72	3.72	3.72	3.72
	-9.6	-10	3.91	3.91	3.91	3.91	3.91
	-7.5	-8	4.15	4.15	4.15	4.15	4.15
	-5.5	-6	4.39	4.39	4.39	4.39	4.39
	-3.4	-4	4.54	4.53	4.53	4.48	4.44
	-1.3	-2	4.69	4.68	4.67	4.58	4.49
	0.8	0	4.95	4.88	4.81	4.64	4.46
	3.9	3	5.37	5.18	4.99	4.71	4.43
	7.0	6	5.87	5.48	5.10	4.74	4.39
	10.1	9	5.83	5.46	5.08	4.72	4.35
	13.2	12	5.79	5.42	5.05	4.68	4.31
	16.9	15.5	5.75	5.38	5.01	4.64	4.27

Notes (1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJB001Z731

Model **FDTW90KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
P-Hi	10			7.38	6.08	8.82	6.90	9.54	7.02	10.15	7.14	11.37	7.71	11.80	7.53
	12			7.38	6.08	8.82	6.90	9.54	7.02	10.14	7.14	11.33	7.70	11.75	7.50
	14			7.38	6.08	8.82	6.90	9.54	7.02	10.12	7.13	11.29	7.69	11.70	7.48
	16			7.38	6.08	8.82	6.90	9.54	7.02	10.11	7.13	11.25	7.66	11.65	7.47
	18			7.38	6.08	8.82	6.90	9.54	7.02	10.09	7.12	11.20	7.65	11.60	7.46
	20			7.38	6.08	8.82	6.90	9.54	7.02	10.08	7.11	11.16	7.64	11.55	7.43
	22			7.37	6.08	8.82	6.90	9.54	7.02	10.03	7.09	11.02	7.58	11.39	7.37
31 (m³/min)	24			7.36	6.07	8.81	6.89	9.54	7.02	9.99	7.08	10.88	7.53	11.24	7.33
	26			7.35	6.07	8.77	6.88	9.45	6.99	9.87	6.99	10.71	7.46	11.06	7.27
	28	6.66	6.01	7.34	6.07	8.73	6.85	9.36	6.96	9.75	6.95	10.54	7.40	10.89	7.21
	30	6.66	6.01	7.33	6.06	8.66	6.83	9.27	6.93	9.64	6.92	10.38	7.33	10.73	7.15
	32	6.66	6.01	7.31	6.06	8.60	6.81	9.18	6.90	9.53	6.89	10.22	7.27	10.56	7.05
	34	6.66	6.01	7.28	6.04	8.57	6.80	9.06	6.85	9.37	6.82	10.00	7.16	10.35	7.00
	35	6.66	6.01	7.27	6.04	8.55	6.77	9.00	6.83	9.30	6.80	9.89	7.13	10.24	6.97
	36	6.66	6.01	7.26	6.04	8.49	6.75	8.96	6.82	9.21	6.77	9.72	7.08	10.04	6.92
	38	6.66	6.01	7.25	6.03	8.36	6.69	8.87	6.77	9.03	6.70	9.36	6.96	9.64	6.79
	39	6.66	6.01	7.24	6.03	8.29	6.67	8.82	6.75	8.94	6.65	9.18	6.90	9.44	6.72
	41	6.66	6.01	7.21	6.02	8.04	6.57	8.46	6.61	8.56	6.50	8.77	6.75	9.00	6.57
	43	6.66	6.01	7.19	6.01	7.80	6.47	8.10	6.46	8.19	6.37	8.37	6.62	8.56	6.44

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
P-Hi	-19.8	-20	5.80	5.80	5.80	5.80	5.80
	-17.8	-18	6.17	6.17	6.17	6.17	6.17
	-15.7	-16	6.55	6.55	6.55	6.55	6.55
	-13.7	-14	6.92	6.92	6.92	6.92	6.92
	-11.7	-12	7.29	7.29	7.29	7.29	7.29
	-9.6	-10	7.67	7.67	7.67	7.67	7.67
	-7.5	-8	8.13	8.13	8.13	8.13	8.13
31 (m³/min)	-5.5	-6	8.60	8.60	8.60	8.60	8.60
	-3.4	-4	8.90	8.89	8.88	8.79	8.70
	-1.3	-2	9.20	9.18	9.15	8.98	8.80
	0.8	0	9.70	9.56	9.43	9.09	8.75
	3.9	3	10.53	10.15	9.78	9.23	8.68
	7.0	6	11.50	10.75	10.00	9.30	8.60
	10.1	9	11.43	10.69	9.96	9.24	8.53
	13.2	12	11.35	10.63	9.90	9.18	8.45
	16.9	15.5	11.26	10.54	9.81	9.09	8.36

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Hi	10			6.67	5.45	7.97	6.17	8.63	6.31	9.18	6.36	10.28	6.90	10.67	6.73
	12			6.67	5.45	7.97	6.17	8.63	6.31	9.16	6.35	10.24	6.88	10.63	6.72
	14			6.67	5.45	7.97	6.17	8.63	6.31	9.15	6.35	10.21	6.88	10.58	6.69
	16			6.67	5.45	7.97	6.17	8.63	6.31	9.14	6.35	10.17	6.87	10.54	6.68
	18			6.67	5.45	7.97	6.17	8.63	6.31	9.13	6.35	10.13	6.84	10.49	6.67
	20			6.67	5.45	7.97	6.17	8.63	6.31	9.11	6.34	10.09	6.83	10.44	6.64
	22			6.66	5.45	7.97	6.17	8.63	6.31	9.07	6.33	9.97	6.78	10.30	6.60
27 (m³/min)	24			6.65	5.44	7.97	6.17	8.63	6.31	9.03	6.31	9.84	6.73	10.16	6.55
	26			6.65	5.44	7.93	6.15	8.54	6.27	8.92	6.28	9.68	6.67	10.00	6.49
	28	6.02	5.37	6.64	5.44	7.89	6.12	8.46	6.24	8.82	6.25	9.53	6.61	9.85	6.44
	30	6.02	5.37	6.62	5.43	7.83	6.10	8.38	6.20	8.72	6.20	9.38	6.55	9.70	6.35
	32	6.02	5.37	6.61	5.43	7.77	6.08	8.30	6.17	8.61	6.15	9.24	6.47	9.55	6.32
	34	6.02	5.37	6.59	5.42	7.74	6.06	8.19	6.12	8.48	6.10	9.04	6.41	9.35	6.27
	35	6.02	5.37	6.57	5.40	7.73	6.06	8.14	6.11	8.41	6.08	8.94	6.38	9.26	6.23
	36	6.02	5.37	6.57	5.40	7.67	6.04	8.10	6.08	8.33	6.05	8.78	6.34	9.08	6.18
	38	6.02	5.37	6.55	5.39	7.56	5.98	8.02	6.05	8.16	5.99	8.46	6.22	8.72	6.06
	39	6.02	5.37	6.54	5.39	7.50	5.96	7.97	6.04	8.08	5.95	8.30	6.16	8.54	6.00
	41	6.02	5.37	6.52	5.38	7.27	5.87	7.65	5.90	7.74	5.81	7.93	6.02	8.14	5.86
	43	6.02	5.37	6.50	5.37	7.05	5.75	7.32	5.74	7.40	5.66	7.57	5.89	7.74	5.69

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Hi	-19.8	-20	5.17	5.17	5.17	5.17	5.17
	-17.8	-18	5.50	5.50	5.50	5.50	5.50
	-15.7	-16	5.83	5.83	5.83	5.83	5.83
	-13.7	-14	6.17	6.17	6.17	6.17	6.17
	-11.7	-12	6.50	6.50	6.50	6.50	6.50
	-9.6	-10	6.83	6.83	6.83	6.83	6.83
	-7.5	-8	7.25	7.25	7.25	7.25	7.25
27 (m³/min)	-5.5	-6	7.66	7.66	7.66	7.66	7.66
	-3.4	-4	7.93	7.92	7.91	7.83	7.75
	-1.3	-2	8.20	8.18	8.15	8.00	7.84
	0.8	0	8.65	8.52	8.40	8.10	7.80
	3.9	3	9.38	9.05	8.71	8.22	7.73
	7.0	6	10.25	9.58	8.91	8.29	7.66
	10.1	9	10.18	9.53	8.88	8.24	7.60
	13.2	12	10.12	9.47	8.82	8.18	7.53
	16.9	15.5	10.04	9.39	8.75	8.10	7.45

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Me	10			5.90	4.78	7.05	5.40	7.63	5.53	8.12	5.60	9.09	6.04	9.44	5.90
	12			5.90	4.78	7.05	5.40	7.63	5.53	8.11	5.57	9.06	6.03	9.40	5.88
	14			5.90	4.78	7.05	5.40	7.63	5.53	8.10	5.57	9.03	6.02	9.36	5.87
	16			5.90	4.78	7.05	5.40	7.63	5.53	8.09	5.57	9.00	6.01	9.32	5.86
	18			5.90	4.78	7.05	5.40	7.63	5.53	8.07	5.56	8.96	6.00	9.28	5.83
	20			5.90	4.78	7.05	5.40	7.63	5.53	8.06	5.56	8.93	5.99	9.24	5.82
	22			5.89	4.77	7.05	5.40	7.63	5.53	8.03	5.55	8.82	5.95	9.11	5.78
23 (m³/min)	24			5.88	4.77	7.05	5.40	7.63	5.53	7.99	5.53	8.70	5.90	8.99	5.73
	26			5.88	4.77	7.02	5.39	7.56	5.50	7.89	5.50	8.57	5.85	8.85	5.68
	28	5.33	4.71	5.87	4.77	6.98	5.37	7.49	5.47	7.80	5.47	8.43	5.80	8.71	5.63
	30	5.33	4.71	5.86	4.76	6.93	5.35	7.41	5.43	7.71	5.43	8.30	5.75	8.58	5.59
	32	5.33	4.71	5.85	4.76	6.88	5.33	7.34	5.41	7.62	5.40	8.17	5.70	8.45	5.51
	34	5.33	4.71	5.83	4.74	6.85	5.32	7.25	5.36	7.50	5.35	8.00	5.64	8.28	5.47
	35	5.33	4.71	5.82	4.74	6.84	5.30	7.20	5.35	7.44	5.32	7.91	5.57	8.19	5.44
	36	5.33	4.71	5.81	4.73	6.79	5.29	7.16	5.34	7.37	5.30	7.77	5.53	8.03	5.41
	38	5.33	4.71	5.80	4.73	6.68	5.24	7.09	5.30	7.22	5.24	7.49	5.44	7.71	5.29
	39	5.33	4.71	5.79	4.72	6.63	5.22	7.05	5.29	7.15	5.21	7.34	5.38	7.55	5.24
	41	5.33	4.71	5.77	4.72	6.43	5.14	6.77	5.17	6.85	5.09	7.02	5.27	7.20	5.12
	43	5.33	4.71	5.75	4.71	6.24	5.04	6.48	5.03	6.55	4.96	6.69	5.16	6.84	5.00

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Me	-19.8	-20	4.51	4.51	4.51	4.51	4.51
	-17.8	-18	4.80	4.80	4.80	4.80	4.80
	-15.7	-16	5.09	5.09	5.09	5.09	5.09
	-13.7	-14	5.38	5.38	5.38	5.38	5.38
	-11.7	-12	5.67	5.67	5.67	5.67	5.67
	-9.6	-10	5.96	5.96	5.96	5.96	5.96
	-7.5	-8	6.32	6.32	6.32	6.32	6.32
23 (m³/min)	-5.5	-6	6.68	6.68	6.68	6.68	6.68
	-3.4	-4	6.92	6.91	6.90	6.83	6.76
	-1.3	-2	7.15	7.13	7.11	6.98	6.84
	0.8	0	7.54	7.43	7.32	7.06	6.80
	3.9	3	8.18	7.89	7.60	7.17	6.74
	7.0	6	8.94	8.35	7.77	7.23	6.68
	10.1	9	8.88	8.31	7.74	7.18	6.63
	13.2	12	8.82	8.26	7.69	7.13	6.57
	16.9	15.5	8.75	8.19	7.63	7.06	6.50

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Lo	10			5.28	4.24	6.31	4.79	6.83	4.90	7.26	4.98	8.13	5.37	8.45	5.24
	12			5.28	4.24	6.31	4.79	6.83	4.90	7.25	4.97	8.11	5.36	8.41	5.21
	14			5.28	4.24	6.31	4.79	6.83	4.90	7.24	4.97	8.08	5.35	8.37	5.20
	16			5.28	4.24	6.31	4.79	6.83	4.90	7.23	4.96	8.05	5.33	8.34	5.20
	18			5.28	4.24	6.31	4.79	6.83	4.90	7.22	4.95	8.02	5.32	8.30	5.17
	20			5.28	4.24	6.31	4.79	6.83	4.90	7.21	4.95	7.99	5.31	8.26	5.16
	22			5.27	4.21	6.31	4.79	6.83	4.90	7.18	4.94	7.89	5.28	8.15	5.12
20 (m³/min)	24			5.26	4.21	6.31	4.79	6.83	4.90	7.15	4.93	7.79	5.24	8.04	5.08
	26			5.26	4.21	6.28	4.78	6.76	4.88	7.06	4.89	7.66	5.19	7.92	5.02
	28	4.77	4.18	5.25	4.21	6.25	4.77	6.70	4.85	6.98	4.86	7.54	5.14	7.79	4.98
	30	4.77	4.18	5.24	4.20	6.20	4.74	6.63	4.83	6.90	4.82	7.43	5.08	7.68	4.96
	32	4.77	4.18	5.23	4.20	6.15	4.71	6.57	4.80	6.82	4.79	7.31	5.04	7.56	4.91
	34	4.77	4.18	5.21	4.19	6.13	4.70	6.48	4.76	6.71	4.75	7.16	5.00	7.40	4.86
	35	4.77	4.18	5.20	4.19	6.12	4.70	6.44	4.74	6.65	4.72	7.08	4.96	7.32	4.84
	36	4.77	4.18	5.20	4.19	6.07	4.68	6.41	4.73	6.59	4.70	6.95	4.92	7.18	4.79
	38	4.77	4.18	5.18	4.18	5.98	4.65	6.34	4.68	6.46	4.63	6.70	4.82	6.90	4.69
	39	4.77	4.18	5.18	4.18	5.93	4.63	6.31	4.67	6.40	4.61	6.57	4.77	6.76	4.65
	41	4.77	4.18	5.16	4.17	5.76	4.56	6.05	4.58	6.13	4.51	6.28	4.67	6.44	4.52
	43	4.77	4.18	5.14	4.16	5.58	4.48	5.80	4.48	5.86	4.40	5.99	4.55	6.12	4.43

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Lo	-19.8	-20	3.99	3.99	3.99	3.99	3.99
	-17.8	-18	4.24	4.24	4.24	4.24	4.24
	-15.7	-16	4.50	4.50	4.50	4.50	4.50
	-13.7	-14	4.76	4.76	4.76	4.76	4.76
	-11.7	-12	5.01	5.01	5.01	5.01	5.01
	-9.6	-10	5.27	5.27	5.27	5.27	5.27
	-7.5	-8	5.59	5.59	5.59	5.59	5.59
20 (m³/min)	-5.5	-6	5.91	5.91	5.91	5.91	5.91
	-3.4	-4	6.12	6.11	6.10	6.04	5.98
	-1.3	-2	6.32	6.31	6.29	6.17	6.05
	0.8	0	6.67	6.57	6.48	6.25	6.02
	3.9	3	7.24	6.98	6.72	6.34	5.96
	7.0	6	7.91	7.39	6.87	6.39	5.91
	10.1	9	7.85	7.35	6.85	6.36	5.86
	13.2	12	7.80	7.30	6.81	6.31	5.81
	16.9	15.5	7.74	7.24	6.75	6.25	5.75

Notes (1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJB001Z731

Model **FDTW112KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
P-Hi	10			9.18	7.26	10.97	8.22	11.87	8.42	12.63	8.54	14.15	9.22	14.69	8.95
	12			9.18	7.26	10.97	8.22	11.87	8.42	12.61	8.53	14.10	9.21	14.63	8.93
	14			9.18	7.26	10.97	8.22	11.87	8.42	12.60	8.53	14.05	9.14	14.56	8.91
	16			9.18	7.26	10.97	8.22	11.87	8.42	12.58	8.52	14.00	9.13	14.50	8.89
	18			9.18	7.26	10.97	8.22	11.87	8.42	12.56	8.51	13.94	9.11	14.44	8.88
	20			9.18	7.26	10.97	8.22	11.87	8.42	12.55	8.51	13.89	9.09	14.37	8.86
	22			9.17	7.26	10.97	8.22	11.87	8.42	12.49	8.49	13.72	9.04	14.18	8.79
31	24			9.15	7.25	10.97	8.22	11.87	8.42	12.43	8.45	13.54	8.98	13.98	8.71
(m³/min)	26			9.15	7.25	10.92	8.17	11.76	8.38	12.28	8.40	13.33	8.90	13.77	8.65
	28	8.29	7.15	9.14	7.24	10.86	8.14	11.65	8.33	12.14	8.34	13.11	8.81	13.55	8.57
	30	8.29	7.15	9.12	7.23	10.78	8.11	11.54	8.28	12.00	8.27	12.91	8.73	13.35	8.50
	32	8.29	7.15	9.09	7.22	10.70	8.08	11.42	8.23	11.85	8.22	12.71	8.65	13.15	8.42
	34	8.29	7.15	9.06	7.21	10.66	8.07	11.27	8.16	11.66	8.14	12.45	8.55	12.87	8.33
	35	8.29	7.15	9.05	7.21	10.64	8.06	11.20	8.10	11.57	8.11	12.31	8.49	12.74	8.27
	36	8.29	7.15	9.04	7.20	10.56	8.03	11.14	8.08	11.46	8.02	12.09	8.43	12.49	8.15
	38	8.29	7.15	9.02	7.20	10.40	7.97	11.03	8.04	11.24	7.95	11.65	8.22	12.00	8.01
	39	8.29	7.15	9.00	7.19	10.32	7.94	10.98	8.02	11.13	7.91	11.43	8.15	11.75	7.94
	41	8.29	7.15	8.97	7.17	10.01	7.80	10.53	7.84	10.66	7.74	10.92	7.98	11.20	7.75
	43	8.29	7.15	8.94	7.16	9.70	7.67	10.08	7.67	10.19	7.55	10.41	7.81	10.65	7.58

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
P-Hi	-19.8	-20	7.25	7.25	7.25	7.25	7.25
	-17.8	-18	7.72	7.72	7.72	7.72	7.72
	-15.7	-16	8.18	8.18	8.18	8.18	8.18
	-13.7	-14	8.65	8.65	8.65	8.65	8.65
	-11.7	-12	9.12	9.12	9.12	9.12	9.12
	-9.6	-10	9.58	9.58	9.58	9.58	9.58
	-7.5	-8	10.17	10.17	10.17	10.17	10.17
31	-5.5	-6	10.75	10.75	10.75	10.75	10.75
(m³/min)	-3.4	-4	11.13	11.11	11.09	10.98	10.88
	-1.3	-2	11.50	11.47	11.44	11.22	11.00
	0.8	0	12.13	11.95	11.78	11.36	10.94
	3.9	3	13.16	12.69	12.22	11.53	10.84
	7.0	6	14.38	13.44	12.50	11.63	10.75
	10.1	9	14.28	13.37	12.45	11.55	10.66
	13.2	12	14.19	13.28	12.38	11.47	10.56
	16.9	15.5	14.08	13.17	12.27	11.36	10.45

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Hi	10			8.30	6.48	9.92	7.35	10.73	7.51	11.42	7.64	12.79	8.24	13.28	8.02
	12			8.30	6.48	9.92	7.35	10.73	7.51	11.40	7.64	12.75	8.23	13.23	8.01
	14			8.30	6.48	9.92	7.35	10.73	7.51	11.39	7.63	12.70	8.21	13.17	7.98
	16			8.30	6.48	9.92	7.35	10.73	7.51	11.37	7.61	12.65	8.18	13.11	7.96
	18			8.30	6.48	9.92	7.35	10.73	7.51	11.36	7.61	12.61	8.17	13.05	7.94
	20			8.30	6.48	9.92	7.35	10.73	7.51	11.34	7.60	12.56	8.15	13.00	7.91
	22			8.29	6.48	9.92	7.35	10.73	7.51	11.29	7.58	12.40	8.08	12.82	7.86
27	24			8.28	6.47	9.92	7.35	10.73	7.51	11.24	7.57	12.24	8.02	12.64	7.79
(m³/min)	26			8.27	6.47	9.87	7.32	10.63	7.47	11.11	7.48	12.05	7.94	12.45	7.72
	28	7.49	6.39	8.26	6.46	9.82	7.30	10.53	7.43	10.97	7.43	11.86	7.87	12.25	7.65
	30	7.49	6.39	8.24	6.45	9.75	7.27	10.43	7.40	10.85	7.39	11.68	7.80	12.07	7.58
	32	7.49	6.39	8.22	6.45	9.67	7.23	10.33	7.35	10.72	7.34	11.50	7.73	11.89	7.48
	34	7.49	6.39	8.20	6.44	9.64	7.22	10.19	7.30	10.55	7.27	11.25	7.60	11.64	7.41
	35	7.49	6.39	8.18	6.43	9.62	7.21	10.13	7.26	10.46	7.24	11.13	7.57	11.52	7.38
	36	7.49	6.39	8.17	6.43	9.55	7.18	10.08	7.24	10.36	7.19	10.93	7.50	11.29	7.31
	38	7.49	6.39	8.15	6.42	9.40	7.12	9.97	7.20	10.16	7.11	10.53	7.36	10.85	7.16
	39	7.49	6.39	8.14	6.41	9.33	7.09	9.92	7.17	10.06	7.07	10.33	7.28	10.62	7.08
	41	7.49	6.39	8.11	6.40	9.05	6.97	9.52	7.02	9.64	6.90	9.87	7.11	10.13	6.91
	43	7.49	6.39	8.08	6.39	8.77	6.84	9.11	6.84	9.21	6.73	9.41	6.94	9.63	6.74

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Hi	-19.8	-20	6.46	6.46	6.46	6.46	6.46
	-17.8	-18	6.88	6.88	6.88	6.88	6.88
	-15.7	-16	7.29	7.29	7.29	7.29	7.29
	-13.7	-14	7.71	7.71	7.71	7.71	7.71
	-11.7	-12	8.13	8.13	8.13	8.13	8.13
	-9.6	-10	8.54	8.54	8.54	8.54	8.54
	-7.5	-8	9.06	9.06	9.06	9.06	9.06
27	-5.5	-6	9.58	9.58	9.58	9.58	9.58
(m³/min)	-3.4	-4	9.92	9.90	9.89	9.79	9.69
	-1.3	-2	10.25	10.22	10.19	10.00	9.80
	0.8	0	10.81	10.65	10.50	10.12	9.75
	3.9	3	11.73	11.31	10.89	10.28	9.66
	7.0	6	12.81	11.98	11.14	10.36	9.58
	10.1	9	12.73	11.91	11.10	10.30	9.50
	13.2	12	12.64	11.84	11.03	10.22	9.41
	16.9	15.5	12.55	11.74	10.93	10.12	9.32

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Me	10			7.34	5.69	8.78	6.44	9.50	6.59	10.10	6.70	11.32	7.22	11.75	7.03
	12			7.34	5.69	8.78	6.44	9.50	6.59	10.09	6.70	11.28	7.21	11.70	7.01
	14			7.34	5.69	8.78	6.44	9.50	6.59	10.08	6.69	11.24	7.19	11.65	7.00
	16			7.34	5.69	8.78	6.44	9.50	6.59	10.06	6.69	11.19	7.18	11.60	6.97
	18			7.34	5.69	8.78	6.44	9.50	6.59	10.05	6.67	11.15	7.15	11.55	6.96
	20			7.34	5.69	8.78	6.44	9.50	6.59	10.04	6.67	11.11	7.14	11.50	6.94
	22			7.33	5.68	8.78	6.44	9.50	6.59	9.99	6.63	10.97	7.08	11.34	6.88
23	24			7.32	5.67	8.77	6.44	9.50	6.59	9.94	6.61	10.83	7.02	11.18	6.82
(m³/min)	26			7.32	5.67	8.73	6.41	9.41	6.56	9.82	6.57	10.66	6.96	11.01	6.76
	28	6.63	5.58	7.31	5.66	8.69	6.40	9.32	6.52	9.71	6.53	10.49	6.89	10.84	6.70
	30	6.63	5.58	7.29	5.66	8.62	6.37	9.23	6.48	9.59	6.48	10.33	6.83	10.68	6.64
	32	6.63	5.58	7.27	5.65	8.56	6.33	9.14	6.44	9.48	6.43	10.17	6.76	10.52	6.55
	34	6.63	5.58	7.25	5.64	8.53	6.32	9.02	6.40	9.33	6.37	9.96	6.66	10.30	6.49
	35	6.63	5.58	7.24	5.63	8.51	6.32	8.96	6.36	9.26	6.34	9.85	6.62	10.19	6.46
	36	6.63	5.58	7.23	5.63	8.45	6.29	8.91	6.34	9.17	6.30	9.67	6.57	9.99	6.40
	38	6.63	5.58	7.21	5.62	8.32	6.23	8.82	6.31	8.99	6.23	9.32	6.44	9.60	6.26
	39	6.63	5.58	7.20	5.62	8.25	6.21	8.78	6.28	8.90	6.19	9.14	6.37	9.40	6.19
	41	6.63	5.58	7.18	5.61	8.01	6.09	8.42	6.14	8.53	6.04	8.73	6.22	8.96	6.04
	43	6.63	5.58	7.15	5.60	7.76	5.99	8.06	5.99	8.15	5.86	8.33	6.07	8.52	5.88

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Me	-19.8	-20	5.63	5.63	5.63	5.63	5.63
	-17.8	-18	6.00	6.00	6.00	6.00	6.00
	-15.7	-16	6.36	6.36	6.36	6.36	6.36
	-13.7	-14	6.72	6.72	6.72	6.72	6.72
	-11.7	-12	7.09	7.09	7.09	7.09	7.09
	-9.6	-10	7.45	7.45	7.45	7.45	7.45
	-7.5	-8	7.90	7.90	7.90	7.90	7.90
23	-5.5	-6	8.35	8.35	8.35	8.35	8.35
(m³/min)	-3.4	-4	8.65	8.63	8.62	8.54	8.45
	-1.3	-2	8.94	8.91	8.89	8.72	8.55
	0.8	0	9.42	9.29	9.16	8.83	8.50
	3.9	3	10.22	9.86	9.50	8.96	8.43
	7.0	6	11.17	10.44	9.71	9.03	8.35
	10.1	9	11.10	10.39	9.68	8.98	8.28
	13.2	12	11.03	10.32	9.62	8.91	8.21
	16.9	15.5	10.94	10.24	9.53	8.83	8.12

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Lo	10			6.57	5.04	7.85	5.70	8.49	5.85	9.04	5.95	10.12	6.41	10.51	6.24
	12			6.57	5.04	7.85	5.70	8.49	5.85	9.03	5.95	10.09	6.40	10.47	6.23
	14			6.57	5.04	7.85	5.70	8.49	5.85	9.01	5.94	10.05	6.39	10.42	6.20
	16			6.57	5.04	7.85	5.70	8.49	5.85	9.00	5.94	10.01	6.36	10.38	6.19
	18			6.57	5.04	7.85	5.70	8.49	5.85	8.99	5.93	9.98	6.35	10.33	6.17
	20			6.57	5.04	7.85	5.70	8.49	5.85	8.98	5.92	9.94	6.34	10.28	6.15
	22			6.56	5.04	7.85	5.70	8.49	5.85	8.93	5.90	9.81	6.29	10.14	6.07
20	24			6.55	5.03	7.85	5.70	8.49	5.85	8.89	5.88	9.69	6.24	10.00	6.03
(m³/min)	26			6.54	5.03	7.81	5.69	8.41	5.82	8.79	5.84	9.54	6.16	9.85	5.99
	28	5.93	4.95	6.54	5.03	7.77	5.65	8.33	5.78	8.68	5.79	9.38	6.10	9.70	5.93
	30	5.93	4.95	6.52	5.01	7.71	5.63	8.25	5.75	8.58	5.75	9.24	6.06	9.55	5.89
	32	5.93	4.95	6.51	5.01	7.65	5.61	8.17	5.71	8.48	5.71	9.10	6.00	9.41	5.84
	34	5.93	4.95	6.49	5.00	7.63	5.60	8.07	5.67	8.35	5.65	8.90	5.93	9.21	5.76
	35	5.93	4.95	6.47	4.99	7.61	5.59	8.01	5.64	8.28	5.63	8.81	5.89	9.11	5.72
	36	5.93	4.95	6.47	4.99	7.56	5.57	7.97	5.61	8.20	5.57	8.65	5.82	8.94	5.66
	38	5.93	4.95	6.45	4.98	7.44	5.53	7.89	5.58	8.04	5.51	8.33	5.70	8.58	5.54
	39	5.93	4.95	6.44	4.98	7.38	5.49	7.85	5.56	7.96	5.48	8.18	5.64	8.41	5.45
	41	5.93	4.95	6.42	4.95	7.16	5.40	7.53	5.43	7.63	5.36	7.81	5.49	8.01	5.34
	43	5.93	4.95	6.40	4.94	6.94	5.31	7.21	5.31	7.29	5.22	7.45	5.38	7.62	5.21

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Lo	-19.8	-20	4.98	4.98	4.98	4.98	4.98
	-17.8	-18	5.31	5.31	5.31	5.31	5.31
	-15.7	-16	5.63	5.63	5.63	5.63	5.63
	-13.7	-14	5.95	5.95	5.95	5.95	5.95
	-11.7	-12	6.27	6.27	6.27	6.27	6.27
	-9.6	-10	6.59	6.59	6.59	6.59	6.59
	-7.5	-8	6.99	6.99	6.99	6.99	6.99
20	-5.5	-6	7.39	7.39	7.39	7.39	7.39
(m³/min)	-3.4	-4	7.65	7.64	7.63	7.55	7.48
	-1.3	-2	7.91	7.88	7.86	7.71	7.56
	0.8	0	8.34	8.22	8.10	7.81	7.52
	3.9	3	9.04	8.72	8.40	7.93	7.46
	7.0	6	9.88	9.24	8.59	7.99	7.39
	10.1	9	9.82	9.19	8.56	7.94	7.33
	13.2	12	9.75	9.13	8.51	7.88	7.26
	16.9	15.5	9.68	9.06	8.43	7.81	7.19

Notes (1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJB001Z731

Model **FDTW140KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
P-Hi	10			11.48	8.86	13.72	10.03	14.84	10.29	15.79	10.45	17.69	11.26	18.36	10.95
	12			11.48	8.86	13.72	10.03	14.84	10.29	15.77	10.44	17.62	11.23	18.28	10.93
	14			11.48	8.86	13.72	10.03	14.84	10.29	15.75	10.43	17.56	11.21	18.20	10.90
	16			11.48	8.86	13.72	10.03	14.84	10.29	15.72	10.42	17.49	11.18	18.13	10.87
	18			11.48	8.86	13.72	10.03	14.84	10.29	15.70	10.41	17.43	11.16	18.05	10.85
	20			11.48	8.86	13.72	10.03	14.84	10.29	15.68	10.40	17.37	11.14	17.97	10.80
	22			11.46	8.85	13.71	10.03	14.84	10.29	15.61	10.37	17.15	11.05	17.72	10.71
31 (m³/min)	24			11.44	8.84	13.71	10.03	14.84	10.29	15.54	10.33	16.93	10.95	17.48	10.63
	26			11.43	8.83	13.64	10.00	14.70	10.23	15.35	10.25	16.66	10.85	17.21	10.54
	28	10.36	8.72	11.42	8.83	13.58	9.97	14.56	10.17	15.17	10.18	16.39	10.75	16.94	10.39
	30	10.36	8.72	11.40	8.82	13.48	9.93	14.42	10.11	14.99	10.10	16.14	10.64	16.69	10.31
	32	10.36	8.72	11.37	8.81	13.37	9.88	14.28	10.04	14.82	10.04	15.89	10.51	16.43	10.22
	34	10.36	8.72	11.33	8.79	13.32	9.86	14.09	9.96	14.58	9.92	15.56	10.39	16.09	10.10
	35	10.36	8.72	11.31	8.78	13.30	9.85	14.00	9.92	14.46	9.88	15.39	10.32	15.92	10.04
	36	10.36	8.72	11.30	8.78	13.20	9.81	13.93	9.89	14.32	9.82	15.11	10.22	15.61	9.94
	38	10.36	8.72	11.27	8.76	13.00	9.72	13.79	9.83	14.05	9.71	14.56	10.02	15.00	9.73
	39	10.36	8.72	11.26	8.76	12.90	9.67	13.72	9.80	13.91	9.66	14.28	9.92	14.69	9.63
	41	10.36	8.72	11.22	8.74	12.51	9.50	13.16	9.56	13.32	9.41	13.65	9.69	14.00	9.41
	43	10.36	8.72	11.18	8.72	12.13	9.34	12.60	9.33	12.74	9.18	13.02	9.47	13.31	9.17

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
P-Hi	-19.8	-20	9.28	9.28	9.28	9.28	9.28
	-17.8	-18	9.88	9.88	9.88	9.88	9.88
	-15.7	-16	10.47	10.47	10.47	10.47	10.47
	-13.7	-14	11.07	11.07	11.07	11.07	11.07
	-11.7	-12	11.67	11.67	11.67	11.67	11.67
	-9.6	-10	12.27	12.27	12.27	12.27	12.27
	-7.5	-8	13.01	13.01	13.01	13.01	13.01
31 (m³/min)	-5.5	-6	13.76	13.76	13.76	13.76	13.76
	-3.4	-4	14.24	14.22	14.20	14.06	13.92
	-1.3	-2	14.72	14.68	14.64	14.36	14.08
	0.8	0	15.52	15.30	15.08	14.54	14.00
	3.9	3	16.84	16.24	15.64	14.76	13.88
	7.0	6	18.40	17.20	16.00	14.88	13.76
	10.1	9	18.28	17.11	15.94	14.79	13.64
	13.2	12	18.16	17.00	15.84	14.68	13.52
	16.9	15.5	18.02	16.86	15.70	14.54	13.38

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Hi	10			10.38	7.75	12.40	8.78	13.42	9.03	14.28	9.17	15.99	9.89	16.60	9.60
	12			10.38	7.75	12.40	8.78	13.42	9.03	14.26	9.16	15.93	9.86	16.53	9.58
	14			10.38	7.75	12.40	8.78	13.42	9.03	14.24	9.15	15.87	9.83	16.46	9.55
	16			10.38	7.75	12.40	8.78	13.42	9.03	14.22	9.15	15.82	9.81	16.39	9.49
	18			10.38	7.75	12.40	8.78	13.42	9.03	14.20	9.14	15.76	9.79	16.32	9.46
	20			10.38	7.75	12.40	8.78	13.42	9.03	14.18	9.13	15.70	9.76	16.25	9.44
	22			10.36	7.74	12.40	8.78	13.42	9.03	14.11	9.10	15.50	9.65	16.02	9.36
27 (m³/min)	24			10.35	7.73	12.39	8.77	13.42	9.03	14.05	9.08	15.30	9.57	15.80	9.29
	26			10.34	7.73	12.34	8.75	13.29	8.96	13.88	8.99	15.06	9.48	15.56	9.21
	28	9.37	7.60	10.33	7.72	12.28	8.72	13.16	8.91	13.72	8.92	14.82	9.39	15.32	9.11
	30	9.37	7.60	10.30	7.71	12.18	8.68	13.04	8.85	13.56	8.85	14.60	9.30	15.09	9.02
	32	9.37	7.60	10.28	7.70	12.09	8.63	12.91	8.79	13.40	8.78	14.37	9.22	14.86	8.94
	34	9.37	7.60	10.24	7.67	12.05	8.61	12.74	8.71	13.18	8.69	14.07	9.09	14.55	8.83
	35	9.37	7.60	10.23	7.67	12.03	8.61	12.66	8.68	13.08	8.65	13.91	9.02	14.40	8.76
	36	9.37	7.60	10.22	7.66	11.93	8.56	12.59	8.65	12.95	8.59	13.66	8.92	14.12	8.67
	38	9.37	7.60	10.19	7.65	11.75	8.48	12.47	8.60	12.70	8.48	13.16	8.73	13.56	8.46
	39	9.37	7.60	10.18	7.64	11.66	8.44	12.40	8.56	12.57	8.43	12.91	8.64	13.28	8.37
	41	9.37	7.60	10.14	7.63	11.31	8.28	11.90	8.34	12.05	8.21	12.34	8.41	12.66	8.11
	43	9.37	7.60	10.11	7.61	10.96	8.11	11.39	8.10	11.52	7.97	11.77	8.17	12.03	7.91

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Hi	-19.8	-20	8.27	8.27	8.27	8.27	8.27
	-17.8	-18	8.80	8.80	8.80	8.80	8.80
	-15.7	-16	9.34	9.34	9.34	9.34	9.34
	-13.7	-14	9.87	9.87	9.87	9.87	9.87
	-11.7	-12	10.40	10.40	10.40	10.40	10.40
	-9.6	-10	10.93	10.93	10.93	10.93	10.93
	-7.5	-8	11.60	11.60	11.60	11.60	11.60
27 (m³/min)	-5.5	-6	12.26	12.26	12.26	12.26	12.26
	-3.4	-4	12.69	12.67	12.66	12.53	12.41
	-1.3	-2	13.12	13.08	13.05	12.80	12.55
	0.8	0	13.83	13.64	13.44	12.96	12.48
	3.9	3	15.01	14.47	13.94	13.15	12.37
	7.0	6	16.40	15.33	14.26	13.26	12.26
	10.1	9	16.29	15.25	14.21	13.18	12.16
	13.2	12	16.19	15.15	14.12	13.08	12.05
	16.9	15.5	16.06	15.03	13.99	12.96	11.92

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Me	10			9.18	6.78	10.97	7.69	11.87	7.91	12.63	8.05	14.15	8.66	14.69	8.41
	12			9.18	6.78	10.97	7.69	11.87	7.91	12.61	8.04	14.10	8.64	14.63	8.39
	14			9.18	6.78	10.97	7.69	11.87	7.91	12.59	8.03	14.04	8.61	14.56	8.37
	16			9.18	6.78	10.97	7.69	11.87	7.91	12.58	8.03	13.99	8.59	14.50	8.35
	18			9.18	6.78	10.97	7.69	11.87	7.91	12.56	8.02	13.94	8.58	14.44	8.33
	20			9.18	6.78	10.97	7.69	11.87	7.91	12.54	8.01	13.89	8.56	14.37	8.29
	22			9.17	6.78	10.97	7.69	11.87	7.91	12.49	7.98	13.72	8.49	14.18	8.22
23 (m³/min)	24			9.15	6.77	10.96	7.69	11.87	7.91	12.43	7.95	13.54	8.41	13.98	8.14
	26			9.15	6.77	10.91	7.65	11.76	7.86	12.28	7.89	13.33	8.32	13.76	8.05
	28	8.29	6.65	9.14	6.76	10.86	7.62	11.65	7.81	12.13	7.82	13.11	8.22	13.55	7.98
	30	8.29	6.65	9.12	6.75	10.78	7.59	11.53	7.75	11.99	7.76	12.91	8.15	13.35	7.90
	32	8.29	6.65	9.09	6.73	10.69	7.55	11.42	7.71	11.85	7.70	12.71	8.06	13.14	7.82
	34	8.29	6.65	9.06	6.72	10.66	7.54	11.27	7.64	11.66	7.62	12.44	7.95	12.87	7.71
	35	8.29	6.65	9.05	6.72	10.64	7.53	11.20	7.58	11.57	7.57	12.31	7.90	12.74	7.67
	36	8.29	6.65	9.04	6.71	10.56	7.50	11.14	7.56	11.46	7.51	12.09	7.81	12.49	7.58
	38	8.29	6.65	9.01	6.70	10.40	7.43	11.03	7.51	11.24	7.42	11.65	7.64	12.00	7.38
	39	8.29	6.65	9.00	6.69	10.32	7.39	10.97	7.49	11.12	7.37	11.43	7.52	11.75	7.29
	41	8.29	6.65	8.97	6.68	10.01	7.25	10.53	7.31	10.66	7.18	10.92	7.34	11.20	7.12
	43	8.29	6.65	8.94	6.66	9.70	7.11	10.08	7.11	10.19	6.99	10.41	7.15	10.65	6.93

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Me	-19.8	-20	7.21	7.21	7.21	7.21	7.21
	-17.8	-18	7.68	7.68	7.68	7.68	7.68
	-15.7	-16	8.14	8.14	8.14	8.14	8.14
	-13.7	-14	8.61	8.61	8.61	8.61	8.61
	-11.7	-12	9.07	9.07	9.07	9.07	9.07
	-9.6	-10	9.53	9.53	9.53	9.53	9.53
	-7.5	-8	10.11	10.11	10.11	10.11	10.11
23 (m³/min)	-5.5	-6	10.69	10.69	10.69	10.69	10.69
	-3.4	-4	11.07	11.05	11.04	10.93	10.82
	-1.3	-2	11.44	11.41	11.38	11.16	10.94
	0.8	0	12.06	11.89	11.72	11.30	10.88
	3.9	3	13.09	12.62	12.16	11.47	10.79
	7.0	6	14.30	13.37	12.43	11.56	10.69
	10.1	9	14.21	13.30	12.39	11.49	10.60
	13.2	12	14.11	13.21	12.31	11.41	10.51
	16.9	15.5	14.00	13.10	12.20	11.30	10.40

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Lo	10			8.21	6.01	9.82	6.83	10.62	7.02	11.30	7.15	12.65	7.70	13.14	7.48
	12			8.21	6.01	9.82	6.83	10.62	7.02	11.28	7.14	12.61	7.68	13.08	7.45
	14			8.21	6.01	9.82	6.83	10.62	7.02	11.27	7.14	12.56	7.66	13.03	7.43
	16			8.21	6.01	9.82	6.83	10.62	7.02	11.25	7.13	12.52	7.64	12.97	7.41
	18			8.21	6.01	9.82	6.83	10.62	7.02	11.24	7.12	12.47	7.62	12.91	7.38
	20			8.21	6.01	9.82	6.83	10.62	7.02	11.22	7.11	12.43	7.60	12.86	7.37
	22			8.20	6.01	9.81	6.83	10.62	7.02	11.17	7.09	12.27	7.53	12.68	7.27
20 (m³/min)	24			8.19	6.00	9.81	6.83	10.62	7.02	11.12	7.06	12.11	7.46	12.51	7.21
	26			8.18	6.00	9.76	6.80	10.52	6.98	10.99	7.01	11.92	7.37	12.31	7.14
	28	7.41	5.89	8.17	5.99	9.72	6.78	10.42	6.93	10.85	6.94	11.73	7.30	12.12	7.08
	30	7.41	5.89	8.15	5.98	9.64	6.74	10.32	6.89	10.73	6.88	11.55	7.23	11.94	7.00
	32	7.41	5.89	8.13	5.97	9.57	6.71	10.22	6.84	10.60	6.83	11.37	7.15	11.76	6.93
	34	7.41	5.89	8.11	5.97	9.53	6.69	10.08	6.78	10.43	6.75	11.13	7.05	11.51	6.85
	35	7.41	5.89	8.09	5.96	9.52	6.69	10.02	6.75	10.35	6.72	11.01	7.00	11.39	6.79
	36	7.41	5.89	8.08	5.95	9.44	6.65	9.97	6.72	10.25	6.68	10.81	6.92	11.17	6.71
	38	7.41	5.89	8.06	5.94	9.30	6.59	9.87	6.68	10.05	6.59	10.42	6.77	10.73	6.55
	39	7.41	5.89	8.05	5.93	9.23	6.56	9.82	6.66	9.95	6.55	10.22	6.68	10.51	6.47
	41	7.41	5.89	8.03	5.92	8.95	6.41	9.42	6.48	9.53	6.36	9.77	6.51	10.02	6.30
	43	7.41	5.89	8.00	5.91	8.68	6.29	9.02	6.29	9.11	6.18	9.31	6.32	9.52	6.10

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Lo	-19.8	-20	6.38	6.38	6.38	6.38	6.38
	-17.8	-18	6.79	6.79	6.79	6.79	6.79
	-15.7	-16	7.20	7.20	7.20	7.20	7.20
	-13.7	-14	7.61	7.61	7.61	7.61	7.61
	-11.7	-12	8.02	8.02	8.02	8.02	8.02
	-9.6	-10	8.43	8.43	8.43	8.43	8.43
	-7.5	-8	8.95	8.95	8.95	8.95	8.95
20 (m³/min)	-5.5	-6	9.46	9.46	9.46	9.46	9.46
	-3.4	-4	9.79	9.78	9.76	9.67	9.57
	-1.3	-2	10.12	10.09	10.06	9.87	9.68
	0.8	0	10.67	10.52	10.37	10.00	9.62
	3.9	3	11.58	11.16	10.75	10.15	9.54
	7.0	6	12.65	11.82	11.00	10.23	9.46
	10.1	9	12.57	11.76	10.96	10.17	9.38
	13.2	12	12.48	11.69	10.89	10.09	9.29
	16.9	15.5	12.39	11.59	10.79	10.00	9.20

Notes (1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJB001Z731

(4) Ceiling cassette-1 way type (FDTS)

Model FDTS45KXE6F Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
P-Hi	10			3.69	2.94	4.41	3.32	4.77	3.40	5.07	3.45	5.68	3.72	5.90	3.61
	12			3.69	2.94	4.41	3.32	4.77	3.40	5.07	3.45	5.66	3.71	5.88	3.61
	14			3.69	2.94	4.41	3.32	4.77	3.40	5.06	3.45	5.64	3.71	5.85	3.60
	16			3.69	2.94	4.41	3.32	4.77	3.40	5.05	3.44	5.62	3.70	5.83	3.59
	18			3.69	2.94	4.41	3.32	4.77	3.40	5.05	3.44	5.60	3.67	5.80	3.58
	20			3.69	2.94	4.41	3.32	4.77	3.40	5.04	3.44	5.58	3.67	5.78	3.58
	22			3.68	2.93	4.41	3.32	4.77	3.40	5.02	3.43	5.51	3.65	5.70	3.56
13	24			3.68	2.93	4.41	3.32	4.77	3.40	4.99	3.42	5.44	3.63	5.62	3.53
(m³/min)	26			3.68	2.93	4.39	3.32	4.73	3.38	4.93	3.39	5.35	3.59	5.53	3.49
	28	3.33	2.89	3.67	2.93	4.37	3.30	4.68	3.37	4.88	3.37	5.27	3.56	5.44	3.46
	30	3.33	2.89	3.66	2.93	4.33	3.29	4.64	3.35	4.82	3.34	5.19	3.53	5.36	3.43
	32	3.33	2.89	3.65	2.92	4.30	3.28	4.59	3.33	4.76	3.32	5.11	3.50	5.28	3.40
	34	3.33	2.89	3.64	2.92	4.28	3.26	4.53	3.30	4.69	3.29	5.00	3.46	5.17	3.37
	35	3.33	2.89	3.64	2.92	4.28	3.26	4.50	3.29	4.65	3.27	4.95	3.44	5.12	3.35
	36	3.33	2.89	3.63	2.91	4.24	3.25	4.48	3.28	4.60	3.26	4.86	3.41	5.02	3.32
	38	3.33	2.89	3.62	2.90	4.18	3.22	4.43	3.26	4.52	3.22	4.68	3.32	4.82	3.24
	39	3.33	2.89	3.62	2.90	4.15	3.20	4.41	3.25	4.47	3.20	4.59	3.30	4.72	3.21
	41	3.33	2.89	3.61	2.90	4.02	3.15	4.23	3.16	4.28	3.12	4.39	3.23	4.50	3.14
	43	3.33	2.89	3.59	2.89	3.90	3.11	4.05	3.10	4.09	3.06	4.18	3.16	4.28	3.07

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
P-Hi	-19.8	-20	2.90	2.90	2.90	2.90	2.90
	-17.8	-18	3.09	3.09	3.09	3.09	3.09
	-15.7	-16	3.27	3.27	3.27	3.27	3.27
	-13.7	-14	3.46	3.46	3.46	3.46	3.46
	-11.7	-12	3.65	3.65	3.65	3.65	3.65
	-9.6	-10	3.83	3.83	3.83	3.83	3.83
	-7.5	-8	4.07	4.07	4.07	4.07	4.07
13	-5.5	-6	4.30	4.30	4.30	4.30	4.30
(m³/min)	-3.4	-4	4.45	4.44	4.44	4.39	4.35
	-1.3	-2	4.60	4.59	4.58	4.49	4.40
	0.8	0	4.85	4.78	4.71	4.54	4.38
	3.9	3	5.26	5.08	4.89	4.61	4.34
	7.0	6	5.75	5.38	5.00	4.65	4.30
	10.1	9	5.71	5.35	4.98	4.62	4.26
	13.2	12	5.68	5.31	4.95	4.59	4.23
	16.9	15.5	5.63	5.27	4.91	4.54	4.18

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Hi	10			3.48	2.76	4.16	3.12	4.50	3.19	4.79	3.24	5.37	3.49	5.57	3.40
	12			3.48	2.76	4.16	3.12	4.50	3.19	4.78	3.23	5.35	3.49	5.55	3.40
	14			3.48	2.76	4.16	3.12	4.50	3.19	4.78	3.23	5.33	3.48	5.52	3.38
	16			3.48	2.76	4.16	3.12	4.50	3.19	4.77	3.23	5.31	3.48	5.50	3.38
	18			3.48	2.76	4.16	3.12	4.50	3.19	4.77	3.23	5.29	3.46	5.48	3.37
	20			3.48	2.76	4.16	3.12	4.50	3.19	4.76	3.23	5.27	3.46	5.45	3.36
	22			3.48	2.76	4.16	3.12	4.50	3.19	4.74	3.22	5.20	3.43	5.38	3.34
12	24			3.47	2.75	4.16	3.12	4.50	3.19	4.71	3.20	5.14	3.40	5.30	3.31
(m³/min)	26			3.47	2.75	4.14	3.11	4.46	3.18	4.66	3.19	5.06	3.37	5.22	3.28
	28	3.14	2.71	3.47	2.75	4.12	3.10	4.42	3.15	4.60	3.16	4.97	3.34	5.14	3.25
	30	3.14	2.71	3.46	2.74	4.09	3.09	4.38	3.13	4.55	3.12	4.90	3.31	5.06	3.21
	32	3.14	2.71	3.45	2.74	4.06	3.07	4.33	3.11	4.50	3.11	4.82	3.27	4.99	3.19
	34	3.14	2.71	3.44	2.73	4.04	3.07	4.28	3.10	4.42	3.08	4.72	3.24	4.88	3.16
	35	3.14	2.71	3.43	2.73	4.04	3.07	4.25	3.09	4.39	3.07	4.67	3.22	4.83	3.14
	36	3.14	2.71	3.43	2.73	4.01	3.05	4.23	3.08	4.35	3.06	4.59	3.20	4.74	3.11
	38	3.14	2.71	3.42	2.73	3.94	3.02	4.18	3.05	4.26	3.02	4.42	3.13	4.55	3.05
	39	3.14	2.71	3.42	2.73	3.91	3.01	4.16	3.05	4.22	3.00	4.33	3.10	4.46	3.01
	41	3.14	2.71	3.40	2.72	3.80	2.96	3.99	2.98	4.04	2.93	4.14	3.03	4.25	2.94
	43	3.14	2.71	3.39	2.72	3.68	2.91	3.82	2.90	3.87	2.87	3.95	2.96	4.04	2.86

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Hi	-19.8	-20	2.72	2.72	2.72	2.72	2.72
	-17.8	-18	2.89	2.89	2.89	2.89	2.89
	-15.7	-16	3.07	3.07	3.07	3.07	3.07
	-13.7	-14	3.24	3.24	3.24	3.24	3.24
	-11.7	-12	3.42	3.42	3.42	3.42	3.42
	-9.6	-10	3.59	3.59	3.59	3.59	3.59
	-7.5	-8	3.81	3.81	3.81	3.81	3.81
12	-5.5	-6	4.03	4.03	4.03	4.03	4.03
(m³/min)	-3.4	-4	4.17	4.16	4.16	4.11	4.07
	-1.3	-2	4.31	4.30	4.28	4.20	4.12
	0.8	0	4.54	4.48	4.41	4.26	4.10
	3.9	3	4.93	4.75	4.58	4.32	4.06
	7.0	6	5.38	5.03	4.68	4.35	4.03
	10.1	9	5.35	5.01	4.66	4.33	3.99
	13.2	12	5.31	4.98	4.64	4.30	3.96
	16.9	15.5	5.27	4.93	4.59	4.26	3.92

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Me	10			3.27	2.57	3.90	2.90	4.22	2.97	4.49	3.02	5.03	3.26	5.23	3.17
	12			3.27	2.57	3.90	2.90	4.22	2.97	4.49	3.02	5.02	3.25	5.20	3.16
	14			3.27	2.57	3.90	2.90	4.22	2.97	4.48	3.01	5.00	3.25	5.18	3.16
	16			3.27	2.57	3.90	2.90	4.22	2.97	4.48	3.01	4.98	3.24	5.16	3.15
	18			3.27	2.57	3.90	2.90	4.22	2.97	4.47	3.01	4.96	3.23	5.14	3.14
	20			3.27	2.57	3.90	2.90	4.22	2.97	4.46	3.01	4.94	3.22	5.11	3.11
	22			3.26	2.56	3.90	2.90	4.22	2.97	4.44	3.00	4.88	3.20	5.04	3.09
11	24			3.26	2.56	3.90	2.90	4.22	2.97	4.42	2.99	4.82	3.16	4.97	3.08
(m³/min)	26			3.25	2.56	3.88	2.90	4.18	2.96	4.37	2.97	4.74	3.14	4.90	3.06
	28	2.95	2.53	3.25	2.56	3.87	2.89	4.14	2.94	4.32	2.95	4.67	3.11	4.82	3.03
	30	2.95	2.53	3.24	2.56	3.84	2.88	4.10	2.93	4.27	2.93	4.59	3.08	4.75	3.00
	32	2.95	2.53	3.24	2.56	3.81	2.86	4.06	2.91	4.22	2.91	4.52	3.06	4.68	2.98
	34	2.95	2.53	3.23	2.55	3.79	2.86	4.01	2.89	4.15	2.88	4.43	3.02	4.58	2.94
	35	2.95	2.53	3.22	2.55	3.79	2.86	3.98	2.87	4.12	2.87	4.38	3.01	4.53	2.92
	36	2.95	2.53	3.22	2.55	3.76	2.85	3.96	2.87	4.08	2.85	4.30	2.98	4.44	2.89
	38	2.95	2.53	3.21	2.54	3.70	2.82	3.92	2.85	4.00	2.81	4.14	2.91	4.27	2.82
	39	2.95	2.53	3.20	2.54	3.67	2.80	3.91	2.84	3.96	2.80	4.07	2.89	4.18	2.79
	41	2.95	2.53	3.19	2.53	3.56	2.75	3.75	2.77	3.79	2.72	3.89	2.81	3.98	2.74
	43	2.95	2.53	3.18	2.53	3.45	2.71	3.59	2.71	3.63	2.67	3.70	2.75	3.79	2.67

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Me	-19.8	-20	2.53	2.53	2.53	2.53	2.53
	-17.8	-18	2.69	2.69	2.69	2.69	2.69
	-15.7	-16	2.85	2.85	2.85	2.85	2.85
	-13.7	-14	3.01	3.01	3.01	3.01	3.01
	-11.7	-12	3.18	3.18	3.18	3.18	3.18
	-9.6	-10	3.34	3.34	3.34	3.34	3.34
	-7.5	-8	3.54	3.54	3.54	3.54	3.54
11	-5.5	-6	3.74	3.74	3.74	3.74	3.74
(m³/min)	-3.4	-4	3.88	3.87	3.86	3.83	3.79
	-1.3	-2	4.01	3.99	3.98	3.91	3.83
	0.8	0	4.22	4.16	4.10	3.96	3.81
	3.9	3	4.58	4.42	4.26	4.02	3.78
	7.0	6	5.01	4.68	4.35	4.05	3.74
	10.1	9	4.97	4.66	4.34	4.02	3.71
	13.2	12	4.94	4.63	4.31	3.99	3.68
	16.9	15.5	4.90	4.59	4.27	3.96	3.64

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Lo	10			2.92	2.27	3.49	2.57	3.77	2.64	4.02	2.68	4.50	2.89	4.67	2.81
	12			2.92	2.27	3.49	2.57	3.77	2.64	4.01	2.67	4.48	2.88	4.65	2.81
	14			2.92	2.27	3.49	2.57	3.77	2.64	4.00	2.67	4.47	2.88	4.63	2.78
	16			2.92	2.27	3.49	2.57	3.77	2.64	4.00	2.67	4.45	2.87	4.61	2.78
	18			2.92	2.27	3.49	2.57	3.77	2.64	3.99	2.67	4.43	2.86	4.59	2.77
	20			2.92	2.27	3.49	2.57	3.77	2.64	3.99	2.67	4.42	2.86	4.57	2.77
	22			2.91	2.27	3.49	2.57	3.77	2.64	3.97	2.66	4.36	2.82	4.51	2.75
9.5	24			2.91	2.27	3.49	2.57	3.77	2.64	3.95	2.65	4.31	2.81	4.45	2.73
(m³/min)	26			2.91	2.27	3.47	2.57	3.74	2.63	3.91	2.63	4.24	2.78	4.38	2.70
	28	2.64	2.24	2.91	2.27	3.45	2.55	3.70	2.61	3.86	2.61	4.17	2.76	4.31	2.68
	30	2.64	2.24	2.90	2.26	3.43	2.54	3.67	2.59	3.81	2.59	4.11	2.73	4.24	2.65
	32	2.64	2.24	2.89	2.26	3.40	2.53	3.63	2.58	3.77	2.58	4.04	2.71	4.18	2.63
	34	2.64	2.24	2.88	2.25	3.39	2.52	3.58	2.55	3.71	2.55	3.96	2.68	4.09	2.60
	35	2.64	2.24	2.88	2.25	3.38	2.52	3.56	2.55	3.68	2.53	3.91	2.66	4.05	2.59
	36	2.64	2.24	2.87	2.25	3.36	2.51	3.54	2.53	3.64	2.52	3.84	2.63	3.97	2.56
	38	2.64	2.24	2.87	2.25	3.31	2.49	3.51	2.51	3.57	2.48	3.70	2.56	3.81	2.50
	39	2.64	2.24	2.86	2.25	3.28	2.48	3.49	2.51	3.54	2.47	3.63	2.54	3.74	2.48
	41	2.64	2.24	2.85	2.24	3.18	2.44	3.35	2.46	3.39	2.42	3.47	2.49	3.56	2.42
	43	2.64	2.24	2.84	2.24	3.08	2.39	3.20	2.39	3.24	2.36	3.31	2.43	3.39	2.36

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Lo	-19.8	-20	2.23	2.23	2.23	2.23	2.23
	-17.8	-18	2.37	2.37	2.37	2.37	2.37
	-15.7	-16	2.52	2.52	2.52	2.52	2.52
	-13.7	-14	2.66	2.66	2.66	2.66	2.66
	-11.7	-12	2.80	2.80	2.80	2.80	2.80
	-9.6	-10	2.95	2.95	2.95	2.95	2.95
	-7.5	-8	3.13	3.13	3.13	3.13	3.13
9.5	-5.5	-6	3.30	3.30	3.30	3.30	3.30
(m³/min)	-3.4	-4	3.42	3.41	3.41	3.38	3.34
	-1.3	-2	3.54	3.53	3.52	3.45	3.38
	0.8	0	3.73	3.67	3.62	3.49	3.36
	3.9	3	4.04	3.90	3.76	3.54	3.33
	7.0	6	4.42	4.13	3.84	3.57	3.30
	10.1	9	4.39	4.11	3.83	3.55	3.28
	13.2	12	4.36	4.08	3.80	3.53	3.25
	16.9	15.5	4.33	4.05	3.77	3.49	3.21

Notes (1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJC001Z355

Model **FDTS71KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			5.82	4.44	6.96	5.03	7.53	5.17	8.01	5.25	8.97	5.66	9.31	5.50
	12			5.82	4.44	6.96	5.03	7.53	5.17	8.00	5.25	8.94	5.65	9.27	5.49
	14			5.82	4.44	6.96	5.03	7.53	5.17	7.99	5.24	8.90	5.63	9.23	5.48
	16			5.82	4.44	6.96	5.03	7.53	5.17	7.97	5.24	8.87	5.62	9.19	5.46
	18			5.82	4.44	6.96	5.03	7.53	5.17	7.96	5.22	8.84	5.60	9.15	5.44
P-Hi	20			5.82	4.44	6.96	5.03	7.53	5.17	7.95	5.22	8.81	5.59	9.11	5.43
	22			5.81	4.44	6.95	5.03	7.53	5.17	7.92	5.21	8.70	5.55	8.99	5.38
17	24			5.80	4.44	6.95	5.03	7.53	5.17	7.88	5.19	8.58	5.50	8.86	5.32
(m³/min)	26			5.80	4.44	6.92	5.01	7.46	5.14	7.79	5.15	8.45	5.44	8.73	5.27
	28	5.25	4.37	5.79	4.43	6.89	5.00	7.38	5.11	7.69	5.12	8.31	5.38	8.59	5.23
	30	5.25	4.37	5.78	4.43	6.83	4.98	7.31	5.07	7.60	5.07	8.19	5.34	8.46	5.18
	32	5.25	4.37	5.77	4.42	6.78	4.96	7.24	5.03	7.51	5.03	8.06	5.29	8.33	5.14
	34	5.25	4.37	5.75	4.41	6.76	4.95	7.15	4.99	7.39	4.97	7.89	5.23	8.16	5.08
	35	5.25	4.37	5.74	4.41	6.75	4.95	7.10	4.97	7.33	4.95	7.80	5.19	8.08	5.05
	36	5.25	4.37	5.73	4.41	6.69	4.92	7.06	4.96	7.26	4.92	7.66	5.13	7.92	4.99
	38	5.25	4.37	5.72	4.40	6.59	4.88	6.99	4.93	7.12	4.87	7.38	5.03	7.61	4.89
	39	5.25	4.37	5.71	4.40	6.54	4.85	6.96	4.92	7.05	4.84	7.24	4.97	7.45	4.83
	41	5.25	4.37	5.69	4.39	6.35	4.76	6.67	4.79	6.76	4.72	6.92	4.85	7.10	4.69
	43	5.25	4.37	5.67	4.37	6.15	4.68	6.39	4.68	6.46	4.60	6.60	4.72	6.75	4.58

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	4.64	4.64	4.64	4.64	4.64
	-17.8	-18	4.94	4.94	4.94	4.94	4.94
	-15.7	-16	5.24	5.24	5.24	5.24	5.24
	-13.7	-14	5.54	5.54	5.54	5.54	5.54
	-11.7	-12	5.83	5.83	5.83	5.83	5.83
P-Hi	-9.6	-10	6.13	6.13	6.13	6.13	6.13
	-7.5	-8	6.51	6.51	6.51	6.51	6.51
17	-5.5	-6	6.88	6.88	6.88	6.88	6.88
(m³/min)	-3.4	-4	7.12	7.11	7.10	7.03	6.96
	-1.3	-2	7.36	7.34	7.32	7.18	7.04
	0.8	0	7.76	7.65	7.54	7.27	7.00
	3.9	3	8.42	8.12	7.82	7.38	6.94
	7.0	6	9.20	8.60	8.00	7.44	6.88
	10.1	9	9.14	8.56	7.97	7.40	6.82
	13.2	12	9.08	8.50	7.92	7.34	6.76
	16.9	15.5	9.01	8.43	7.85	7.27	6.69

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			5.28	4.00	6.31	4.53	6.83	4.66	7.27	4.72	8.14	5.08	8.45	4.95
	12			5.28	4.00	6.31	4.53	6.83	4.66	7.26	4.72	8.11	5.07	8.42	4.94
	14			5.28	4.00	6.31	4.53	6.83	4.66	7.25	4.72	8.08	5.06	8.38	4.93
	16			5.28	4.00	6.31	4.53	6.83	4.66	7.24	4.71	8.05	5.05	8.34	4.91
	18			5.28	4.00	6.31	4.53	6.83	4.66	7.23	4.71	8.02	5.04	8.31	4.90
Hi	20			5.28	4.00	6.31	4.53	6.83	4.66	7.22	4.71	7.99	5.03	8.27	4.89
	22			5.27	3.99	6.31	4.53	6.83	4.66	7.18	4.69	7.89	5.00	8.16	4.85
15	24			5.27	3.99	6.31	4.53	6.83	4.66	7.15	4.68	7.79	4.95	8.04	4.80
(m³/min)	26			5.26	3.99	6.28	4.52	6.77	4.63	7.07	4.64	7.67	4.90	7.92	4.76
	28	4.77	3.92	5.26	3.99	6.25	4.50	6.70	4.60	6.98	4.61	7.55	4.85	7.80	4.71
	30	4.77	3.92	5.25	3.98	6.20	4.48	6.64	4.57	6.90	4.57	7.43	4.81	7.68	4.67
	32	4.77	3.92	5.23	3.97	6.15	4.46	6.57	4.54	6.82	4.53	7.32	4.76	7.56	4.62
	34	4.77	3.92	5.22	3.97	6.13	4.45	6.49	4.50	6.71	4.49	7.16	4.70	7.41	4.57
	35	4.77	3.92	5.21	3.97	6.12	4.45	6.44	4.49	6.66	4.47	7.08	4.67	7.33	4.54
	36	4.77	3.92	5.20	3.96	6.08	4.43	6.41	4.47	6.59	4.44	6.96	4.62	7.19	4.47
	38	4.77	3.92	5.19	3.96	5.98	4.39	6.35	4.44	6.47	4.39	6.70	4.51	6.90	4.39
	39	4.77	3.92	5.18	3.95	5.94	4.36	6.32	4.43	6.40	4.36	6.57	4.47	6.76	4.33
	41	4.77	3.92	5.16	3.95	5.76	4.29	6.06	4.32	6.13	4.25	6.28	4.36	6.44	4.23
	43	4.77	3.92	5.14	3.94	5.58	4.20	5.80	4.20	5.86	4.13	5.99	4.25	6.13	4.12

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	4.16	4.16	4.16	4.16	4.16
	-17.8	-18	4.43	4.43	4.43	4.43	4.43
	-15.7	-16	4.70	4.70	4.70	4.70	4.70
	-13.7	-14	4.96	4.96	4.96	4.96	4.96
	-11.7	-12	5.23	5.23	5.23	5.23	5.23
Hi	-9.6	-10	5.50	5.50	5.50	5.50	5.50
	-7.5	-8	5.83	5.83	5.83	5.83	5.83
15	-5.5	-6	6.17	6.17	6.17	6.17	6.17
(m³/min)	-3.4	-4	6.38	6.37	6.37	6.30	6.24
	-1.3	-2	6.60	6.58	6.56	6.44	6.31
	0.8	0	6.96	6.86	6.76	6.52	6.28
	3.9	3	7.55	7.28	7.01	6.62	6.22
	7.0	6	8.25	7.71	7.17	6.67	6.17
	10.1	9	8.19	7.67	7.15	6.63	6.11
	13.2	12	8.14	7.62	7.10	6.58	6.06
	16.9	15.5	8.08	7.56	7.04	6.52	6.00

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			4.41	3.30	5.27	3.74	5.70	3.84	6.06	3.90	6.79	4.21	7.05	4.09
	12			4.41	3.30	5.27	3.74	5.70	3.84	6.05	3.90	6.77	4.20	7.02	4.07
	14			4.41	3.30	5.27	3.74	5.70	3.84	6.05	3.90	6.74	4.18	6.99	4.07
	16			4.41	3.30	5.27	3.74	5.70	3.84	6.04	3.90	6.72	4.18	6.96	4.06
	18			4.41	3.30	5.27	3.74	5.70	3.84	6.03	3.89	6.69	4.17	6.93	4.04
Me	20			4.41	3.30	5.27	3.74	5.70	3.84	6.02	3.88	6.67	4.16	6.90	4.03
	22			4.40	3.29	5.27	3.74	5.70	3.84	5.99	3.87	6.58	4.12	6.80	3.99
12	24			4.39	3.29	5.26	3.73	5.70	3.84	5.97	3.86	6.50	4.09	6.71	3.96
(m³/min)	26			4.39	3.29	5.24	3.72	5.64	3.82	5.90	3.83	6.40	4.05	6.61	3.92
	28	3.98	3.24	4.39	3.29	5.21	3.71	5.59	3.79	5.83	3.80	6.29	4.00	6.50	3.88
	30	3.98	3.24	4.38	3.28	5.17	3.68	5.54	3.77	5.76	3.77	6.20	3.96	6.41	3.85
	32	3.98	3.24	4.36	3.28	5.13	3.67	5.48	3.74	5.69	3.74	6.10	3.92	6.31	3.80
	34	3.98	3.24	4.35	3.27	5.12	3.66	5.41	3.71	5.60	3.70	5.97	3.86	6.18	3.76
	35	3.98	3.24	4.34	3.27	5.11	3.66	5.38	3.69	5.55	3.68	5.91	3.84	6.11	3.73
	36	3.98	3.24	4.34	3.27	5.07	3.64	5.35	3.68	5.50	3.66	5.80	3.80	6.00	3.69
	38	3.98	3.24	4.33	3.26	4.99	3.61	5.29	3.65	5.39	3.60	5.59	3.72	5.76	3.60
	39	3.98	3.24	4.32	3.26	4.95	3.59	5.27	3.64	5.34	3.58	5.48	3.68	5.64	3.57
	41	3.98	3.24	4.31	3.25	4.80	3.53	5.05	3.56	5.12	3.50	5.24	3.58	5.38	3.47
	43	3.98	3.24	4.29	3.24	4.66	3.46	4.84	3.46	4.89	3.40	5.00	3.49	5.11	3.38

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	3.41	3.41	3.41	3.41	3.41
	-17.8	-18	3.63	3.63	3.63	3.63	3.63
	-15.7	-16	3.84	3.84	3.84	3.84	3.84
	-13.7	-14	4.06	4.06	4.06	4.06	4.06
	-11.7	-12	4.28	4.28	4.28	4.28	4.28
Me	-9.6	-10	4.50	4.50	4.50	4.50	4.50
	-7.5	-8	4.78	4.78	4.78	4.78	4.78
12	-5.5	-6	5.05	5.05	5.05	5.05	5.05
(m³/min)	-3.4	-4	5.23	5.22	5.21	5.16	5.11
	-1.3	-2	5.40	5.39	5.37	5.27	5.17
	0.8	0	5.70	5.62	5.53	5.34	5.14
	3.9	3	6.18	5.96	5.74	5.42	5.09
	7.0	6	6.75	6.31	5.87	5.46	5.05
	10.1	9	6.71	6.28	5.85	5.43	5.01
	13.2	12	6.67	6.24	5.81	5.39	4.96
	16.9	15.5	6.61	6.19	5.76	5.34	4.91

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			3.77	2.80	4.51	3.18	4.88	3.27	5.19	3.32	5.81	3.58	6.04	3.48
	12			3.77	2.80	4.51	3.18	4.88	3.27	5.18	3.32	5.79	3.57	6.01	3.47
	14			3.77	2.80	4.51	3.18	4.88	3.27	5.18	3.32	5.77	3.56	5.98	3.45
	16			3.77	2.80	4.51	3.18	4.88	3.27	5.17	3.31	5.75	3.55	5.96	3.45
	18			3.77	2.80	4.51	3.18	4.88	3.27	5.16	3.30	5.73	3.54	5.93	3.44
Lo	20			3.77	2.80	4.51	3.18	4.88	3.27	5.15	3.29	5.71	3.54	5.91	3.41
	22			3.77	2.80	4.51	3.18	4.88	3.27	5.13	3.29	5.64	3.51	5.82	3.39
10	24			3.76	2.79	4.51	3.18	4.88	3.27	5.11	3.28	5.56	3.46	5.74	3.36
(m³/min)	26			3.76	2.79	4.48	3.16	4.83	3.24	5.05	3.26	5.48	3.43	5.66	3.33
	28	3.40	2.74	3.75	2.79	4.46	3.16	4.79	3.23	4.99	3.23	5.39	3.40	5.57	3.30
	30	3.40	2.74	3.75	2.79	4.43	3.14	4.74	3.20	4.93	3.20	5.31	3.37	5.48	3.26
	32	3.40	2.74	3.74	2.79	4.39	3.12	4.69	3.18	4.87	3.18	5.22	3.33	5.40	3.23
	34	3.40	2.74	3.72	2.78	4.38	3.12	4.63	3.15	4.79	3.15	5.11	3.29	5.29	3.19
	35	3.40	2.74	3.72	2.78	4.37	3.12	4.60	3.14	4.75	3.13	5.06	3.26	5.23	3.17
	36	3.40	2.74	3.71	2.77	4.34	3.10	4.58	3.13	4.71	3.11	4.97	3.23	5.13	3.13
	38	3.40	2.74	3.70	2.76	4.27	3.07	4.53	3.11	4.62	3.07	4.79	3.16	4.93	3.05
	39	3.40	2.74	3.70	2.76	4.24	3.05	4.51	3.10	4.57	3.05	4.69	3.12	4.83	3.02
	41	3.40	2.74	3.69	2.76	4.11	2.99	4.33	3.02	4.38	2.97	4.49	3.04	4.60	2.94
	43	3.40	2.74	3.67	2.75	3.99	2.93	4.14	2.94	4.19	2.88	4.28	2.96	4.37	2.86

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.88	2.88	2.88	2.88	2.88
	-17.8	-18	3.06	3.06	3.06	3.06	3.06
	-15.7	-16	3.25	3.25	3.25	3.25	3.25
	-13.7	-14	3.43	3.43	3.43	3.43	3.43
	-11.7	-12	3.62	3.62	3.62	3.62	3.62
Lo	-9.6	-10	3.81	3.81	3.81	3.81	3.81
	-7.5	-8	4.04	4.04	4.04	4.04	4.04
10	-5.5	-6	4.27	4.27	4.27	4.27	4.27
(m³/min)	-3.4	-4	4.42	4.41	4.40	4.36	4.32
	-1.3	-2	4.57	4.55	4.54	4.45	4.37
	0.8	0	4.81	4.75	4.68	4.51	4.34
	3.9	3	5.22	5.04	4.85	4.58	4.31
	7.0	6	5.71	5.34	4.96	4.62	4.27
	10.1	9	5.67	5.31	4.94	4.59	4.23
	13.2	12	5.63	5.27	4.91	4.55	4.19
	16.9	15.5	5.59	5.23	4.87	4.51	4.15

Notes (1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJC001Z355

(5) Duct connected-High static pressure type (FDU)

Model **FDU45KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			3.69	3.26	4.41	3.69	4.77	3.76	5.07	3.80	5.68	4.11	5.90	4.01
	12			3.69	3.26	4.41	3.69	4.77	3.76	5.07	3.80	5.66	4.10	5.88	4.00
	14			3.69	3.26	4.41	3.69	4.77	3.76	5.06	3.79	5.64	4.09	5.85	4.00
	16			3.69	3.26	4.41	3.69	4.77	3.76	5.05	3.79	5.62	4.09	5.83	3.99
	18			3.69	3.26	4.41	3.69	4.77	3.76	5.05	3.79	5.60	4.08	5.80	3.98
P-Hi	20			3.69	3.26	4.41	3.69	4.77	3.76	5.04	3.79	5.58	4.07	5.78	3.97
	22			3.68	3.26	4.41	3.69	4.77	3.76	5.02	3.78	5.51	4.05	5.70	3.95
13	24			3.68	3.26	4.41	3.69	4.77	3.76	4.99	3.77	5.44	4.02	5.62	3.92
(m³/min)	26			3.68	3.26	4.39	3.68	4.73	3.74	4.93	3.74	5.35	3.99	5.53	3.89
	28	3.33	3.20	3.67	3.25	4.37	3.67	4.68	3.72	4.88	3.72	5.27	3.96	5.44	3.86
	30	3.33	3.20	3.66	3.25	4.33	3.66	4.64	3.71	4.82	3.70	5.19	3.93	5.36	3.84
	32	3.33	3.20	3.65	3.25	4.30	3.64	4.59	3.69	4.76	3.68	5.11	3.90	5.28	3.81
	34	3.33	3.20	3.64	3.24	4.28	3.64	4.53	3.66	4.69	3.65	5.00	3.87	5.17	3.77
	35	3.33	3.20	3.64	3.24	4.28	3.64	4.50	3.65	4.65	3.64	4.95	3.85	5.12	3.76
	36	3.33	3.20	3.63	3.24	4.24	3.62	4.48	3.64	4.60	3.62	4.86	3.82	5.02	3.73
	38	3.33	3.20	3.62	3.23	4.18	3.60	4.43	3.62	4.52	3.59	4.68	3.75	4.82	3.66
	39	3.33	3.20	3.62	3.23	4.15	3.58	4.41	3.62	4.47	3.57	4.59	3.72	4.72	3.63
	41	3.33	3.20	3.61	3.23	4.02	3.53	4.23	3.55	4.28	3.50	4.39	3.66	4.50	3.54
	43	3.33	3.20	3.59	3.22	3.90	3.48	4.05	3.48	4.09	3.43	4.18	3.59	4.28	3.47

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.90	2.90	2.90	2.90	2.90
	-17.8	-18	3.09	3.09	3.09	3.09	3.09
	-15.7	-16	3.27	3.27	3.27	3.27	3.27
	-13.7	-14	3.46	3.46	3.46	3.46	3.46
	-11.7	-12	3.65	3.65	3.65	3.65	3.65
P-Hi	-9.6	-10	3.83	3.83	3.83	3.83	3.83
	-7.5	-8	4.07	4.07	4.07	4.07	4.07
13	-5.5	-6	4.30	4.30	4.30	4.30	4.30
(m³/min)	-3.4	-4	4.45	4.44	4.44	4.39	4.35
	-1.3	-2	4.60	4.59	4.58	4.49	4.40
	0.8	0	4.85	4.78	4.71	4.54	4.38
	3.9	3	5.26	5.08	4.89	4.61	4.34
	7.0	6	5.75	5.38	5.00	4.65	4.30
	10.1	9	5.71	5.35	4.98	4.62	4.26
	13.2	12	5.68	5.31	4.95	4.59	4.23
	16.9	15.5	5.63	5.27	4.91	4.54	4.18

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			3.58	2.84	4.28	3.21	4.63	3.29	4.93	3.33	5.52	3.60	5.73	3.50
	12			3.58	2.84	4.28	3.21	4.63	3.29	4.92	3.33	5.50	3.59	5.71	3.50
	14			3.58	2.84	4.28	3.21	4.63	3.29	4.91	3.33	5.48	3.58	5.68	3.49
	16			3.58	2.84	4.28	3.21	4.63	3.29	4.91	3.33	5.46	3.58	5.66	3.48
	18			3.58	2.84	4.28	3.21	4.63	3.29	4.90	3.32	5.44	3.57	5.63	3.47
Hi	20			3.58	2.84	4.28	3.21	4.63	3.29	4.90	3.32	5.42	3.56	5.61	3.46
	22			3.58	2.84	4.28	3.21	4.63	3.29	4.87	3.31	5.35	3.53	5.53	3.43
10	24			3.57	2.84	4.28	3.21	4.63	3.29	4.85	3.30	5.28	3.51	5.46	3.41
(m³/min)	26			3.57	2.84	4.26	3.20	4.59	3.27	4.79	3.28	5.20	3.47	5.37	3.37
	28	3.23	2.79	3.57	2.84	4.24	3.19	4.54	3.25	4.74	3.25	5.12	3.44	5.29	3.35
	30	3.23	2.79	3.56	2.83	4.21	3.18	4.50	3.23	4.68	3.23	5.04	3.41	5.21	3.32
	32	3.23	2.79	3.55	2.83	4.17	3.16	4.46	3.21	4.63	3.21	4.96	3.38	5.13	3.29
	34	3.23	2.79	3.54	2.82	4.16	3.16	4.40	3.19	4.55	3.18	4.86	3.34	5.02	3.25
	35	3.23	2.79	3.53	2.82	4.15	3.15	4.37	3.18	4.51	3.16	4.80	3.32	4.97	3.23
	36	3.23	2.79	3.53	2.82	4.12	3.14	4.35	3.17	4.47	3.15	4.72	3.29	4.87	3.20
	38	3.23	2.79	3.52	2.81	4.06	3.12	4.30	3.15	4.38	3.11	4.54	3.22	4.68	3.13
	39	3.23	2.79	3.51	2.81	4.03	3.10	4.28	3.14	4.34	3.09	4.46	3.19	4.58	3.10
	41	3.23	2.79	3.50	2.80	3.91	3.05	4.11	3.07	4.16	3.02	4.26	3.12	4.37	3.03
	43	3.23	2.79	3.49	2.80	3.78	3.00	3.93	3.00	3.98	2.95	4.06	3.05	4.15	2.96

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.80	2.80	2.80	2.80	2.80
	-17.8	-18	2.98	2.98	2.98	2.98	2.98
	-15.7	-16	3.16	3.16	3.16	3.16	3.16
	-13.7	-14	3.34	3.34	3.34	3.34	3.34
	-11.7	-12	3.52	3.52	3.52	3.52	3.52
Hi	-9.6	-10	3.70	3.70	3.70	3.70	3.70
	-7.5	-8	3.93	3.93	3.93	3.93	3.93
10	-5.5	-6	4.15	4.15	4.15	4.15	4.15
(m³/min)	-3.4	-4	4.30	4.29	4.29	4.24	4.20
	-1.3	-2	4.44	4.43	4.42	4.33	4.25
	0.8	0	4.69	4.62	4.55	4.39	4.23
	3.9	3	5.08	4.90	4.72	4.46	4.19
	7.0	6	5.55	5.19	4.83	4.49	4.15
	10.1	9	5.52	5.17	4.81	4.46	4.12
	13.2	12	5.48	5.13	4.78	4.43	4.08
	16.9	15.5	5.44	5.09	4.74	4.39	4.04

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			3.34	2.61	4.00	2.95	4.32	3.02	4.60	3.07	5.15	3.31	5.35	3.22
	12			3.34	2.61	4.00	2.95	4.32	3.02	4.60	3.07	5.14	3.31	5.33	3.22
	14			3.34	2.61	4.00	2.95	4.32	3.02	4.59	3.07	5.12	3.30	5.31	3.21
	16			3.34	2.61	4.00	2.95	4.32	3.02	4.58	3.06	5.10	3.29	5.28	3.20
	18			3.34	2.61	4.00	2.95	4.32	3.02	4.58	3.06	5.08	3.28	5.26	3.19
Me	20			3.34	2.61	4.00	2.95	4.32	3.02	4.57	3.06	5.06	3.28	5.24	3.18
	22			3.34	2.61	4.00	2.95	4.32	3.02	4.55	3.05	5.00	3.25	5.16	3.15
9	24			3.33	2.60	3.99	2.95	4.32	3.02	4.53	3.04	4.93	3.22	5.09	3.13
(m³/min)	26			3.33	2.60	3.98	2.95	4.28	3.01	4.47	3.02	4.86	3.20	5.02	3.10
	28	3.02	2.57	3.33	2.60	3.96	2.94	4.24	2.99	4.42	2.99	4.78	3.17	4.94	3.08
	30	3.02	2.57	3.32	2.60	3.93	2.92	4.20	2.97	4.37	2.97	4.70	3.13	4.86	3.05
	32	3.02	2.57	3.31	2.60	3.90	2.91	4.16	2.95	4.32	2.95	4.63	3.11	4.79	3.02
	34	3.02	2.57	3.30	2.59	3.88	2.90	4.11	2.93	4.25	2.92	4.53	3.07	4.69	2.99
	35	3.02	2.57	3.30	2.59	3.88	2.90	4.08	2.92	4.21	2.91	4.48	3.05	4.64	2.97
	36	3.02	2.57	3.29	2.59	3.85	2.89	4.06	2.91	4.17	2.89	4.40	3.02	4.55	2.93
	38	3.02	2.57	3.28	2.58	3.79	2.86	4.02	2.90	4.09	2.86	4.24	2.96	4.37	2.87
	39	3.02	2.57	3.28	2.58	3.76	2.85	4.00	2.89	4.05	2.84	4.16	2.93	4.28	2.84
	41	3.02	2.57	3.27	2.58	3.65	2.80	3.84	2.82	3.88	2.77	3.98	2.86	4.08	2.78
	43	3.02	2.57	3.26	2.57	3.53	2.75	3.67	2.75	3.71	2.71	3.79	2.79	3.88	2.71

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.60	2.60	2.60	2.60	2.60
	-17.8	-18	2.77	2.77	2.77	2.77	2.77
	-15.7	-16	2.94	2.94	2.94	2.94	2.94
	-13.7	-14	3.11	3.11	3.11	3.11	3.11
	-11.7	-12	3.27	3.27	3.27	3.27	3.27
Me	-9.6	-10	3.44	3.44	3.44	3.44	3.44
	-7.5	-8	3.65	3.65	3.65	3.65	3.65
9	-5.5	-6	3.86	3.86	3.86	3.86	3.86
(m³/min)	-3.4	-4	4.00	3.99	3.98	3.95	3.91
	-1.3	-2	4.13	4.12	4.11	4.03	3.95
	0.8	0	4.36	4.29	4.23	4.08	3.93
	3.9	3	4.73	4.56	4.39	4.14	3.90
	7.0	6	5.16	4.83	4.49	4.18	3.86
	10.1	9	5.13	4.80	4.47	4.15	3.83
	13.2	12	5.10	4.77	4.45	4.12	3.79
	16.9	15.5	5.06	4.73	4.41	4.08	3.75

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			3.13	2.39	3.74	2.71	4.05	2.78	4.31	2.82	4.83	3.04	5.01	2.96
	12			3.13	2.39	3.74	2.71	4.05	2.78	4.30	2.82	4.81	3.04	4.99	2.95
	14			3.13	2.39	3.74	2.71	4.05	2.78	4.30	2.82	4.79	3.03	4.97	2.94
	16			3.13	2.39	3.74	2.71	4.05	2.78	4.29	2.82	4.77	3.02	4.95	2.94
	18			3.13	2.39	3.74	2.71	4.05	2.78	4.28	2.81	4.76	3.02	4.92	2.93
Lo	20			3.13	2.39	3.74	2.71	4.05	2.78	4.28	2.81	4.74	3.01	4.90	2.92
	22			3.13	2.39	3.74	2.71	4.05	2.78	4.26	2.80	4.68	2.98	4.84	2.90
8	24			3.12	2.39	3.74	2.71	4.05	2.78	4.24	2.79	4.62	2.96	4.77	2.87
(m³/min)	26			3.12	2.39	3.72	2.70	4.01	2.77	4.19	2.77	4.55	2.93	4.70	2.84
	28	2.83	2.36	3.12	2.39	3.71	2.69	3.97	2.75	4.14	2.75	4.47	2.90	4.62	2.82
	30	2.83	2.36	3.11	2.38	3.68	2.68	3.93	2.73	4.09	2.73	4.40	2.87	4.55	2.79
	32	2.83	2.36	3.10	2.38	3.65	2.67	3.90	2.71	4.04	2.71	4.34	2.85	4.48	2.77
	34	2.83	2.36	3.09	2.37	3.64	2.66	3.85	2.69	3.98	2.69	4.24	2.81	4.39	2.73
	35	2.83	2.36	3.09	2.37	3.63	2.66	3.82	2.68	3.95	2.67	4.20	2.79	4.34	2.72
	36	2.83	2.36	3.08	2.37	3.60	2.65	3.80	2.67	3.91	2.65	4.12	2.76	4.26	2.69
	38	2.83	2.36	3.08	2.37	3.55	2.62	3.76	2.65	3.83	2.62	3.97	2.70	4.09	2.62
	39	2.83	2.36	3.07	2.37	3.52	2.61	3.74	2.64	3.79	2.60	3.90	2.68	4.01	2.60
	41	2.83	2.36	3.06	2.36	3.41	2.56	3.59	2.58	3.64	2.54	3.72	2.61	3.82	2.53
	43	2.83	2.36	3.05	2.36	3.31	2.52	3.44	2.52	3.48	2.48	3.55	2.55	3.63	2.47

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.44	2.44	2.44	2.44	2.44
	-17.8	-18	2.60	2.60	2.60	2.60	2.60
	-15.7	-16	2.76	2.76	2.76	2.76	2.76
	-13.7	-14	2.91	2.91	2.91	2.91	2.91
	-11.7	-12	3.07	3.07	3.07	3.07	3.07
Lo	-9.6	-10	3.23	3.23	3.23	3.23	3.23
	-7.5	-8	3.42	3.42	3.42	3.42	3.42
8	-5.5	-6	3.62	3.62	3.62	3.62	3.62
(m³/min)	-3.4	-4	3.75	3.74	3.74	3.70	3.66
	-1.3	-2	3.87	3.86	3.85	3.78	3.70
	0.8	0	4.08	4.03	3.97	3.83	3.68
	3.9	3	4.43	4.27	4.12	3.88	3.65
	7.0	6	4.84	4.53	4.21	3.92	3.62
	10.1	9	4.81	4.50	4.19	3.89	3.59
	13.2	12	4.78	4.47	4.17	3.86	3.56
	16.9	15.5	4.74	4.44	4.13	3.83	3.52

Notes (1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJG000Z054

Model **FDU56KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			4.59	3.66	5.49	4.14	5.94	4.24	6.32	4.30	7.07	4.64	7.35	4.52
	12			4.59	3.66	5.49	4.14	5.94	4.24	6.31	4.29	7.05	4.63	7.31	4.50
	14			4.59	3.66	5.49	4.14	5.94	4.24	6.30	4.29	7.02	4.62	7.28	4.49
	16			4.59	3.66	5.49	4.14	5.94	4.24	6.29	4.28	7.00	4.61	7.25	4.48
	18			4.59	3.66	5.49	4.14	5.94	4.24	6.28	4.28	6.97	4.60	7.22	4.47
P-Hi	20			4.59	3.66	5.49	4.14	5.94	4.24	6.27	4.28	6.95	4.59	7.19	4.46
	22			4.58	3.66	5.49	4.14	5.94	4.24	6.24	4.26	6.86	4.56	7.09	4.43
13	24			4.58	3.66	5.48	4.14	5.94	4.24	6.21	4.25	6.77	4.52	6.99	4.39
(m³/min)	26			4.57	3.65	5.46	4.13	5.88	4.21	6.14	4.22	6.66	4.48	6.88	4.35
	28	4.14	3.60	4.57	3.65	5.43	4.12	5.82	4.19	6.07	4.19	6.56	4.44	6.78	4.32
	30	4.14	3.60	4.56	3.65	5.39	4.10	5.77	4.17	6.00	4.17	6.46	4.40	6.67	4.27
	32	4.14	3.60	4.55	3.65	5.35	4.08	5.71	4.14	5.93	4.14	6.36	4.36	6.57	4.24
	34	4.14	3.60	4.53	3.64	5.33	4.07	5.64	4.11	5.83	4.10	6.22	4.31	6.44	4.19
	35	4.14	3.60	4.52	3.63	5.32	4.07	5.60	4.10	5.79	4.08	6.16	4.28	6.37	4.17
	36	4.14	3.60	4.52	3.63	5.28	4.05	5.57	4.08	5.73	4.06	6.05	4.24	6.25	4.13
	38	4.14	3.60	4.51	3.63	5.20	4.02	5.52	4.06	5.62	4.01	5.82	4.16	6.00	4.05
	39	4.14	3.60	4.50	3.62	5.16	4.00	5.49	4.05	5.56	3.99	5.71	4.12	5.87	4.00
	41	4.14	3.60	4.49	3.62	5.00	3.93	5.26	3.96	5.33	3.90	5.46	4.03	5.60	3.91
	43	4.14	3.60	4.47	3.61	4.85	3.87	5.04	3.87	5.10	3.81	5.21	3.94	5.32	3.82

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	3.65	3.65	3.65	3.65	3.65
	-17.8	-18	3.89	3.89	3.89	3.89	3.89
	-15.7	-16	4.12	4.12	4.12	4.12	4.12
	-13.7	-14	4.36	4.36	4.36	4.36	4.36
	-11.7	-12	4.59	4.59	4.59	4.59	4.59
P-Hi	-9.6	-10	4.83	4.83	4.83	4.83	4.83
	-7.5	-8	5.12	5.12	5.12	5.12	5.12
13	-5.5	-6	5.42	5.42	5.42	5.42	5.42
(m³/min)	-3.4	-4	5.61	5.60	5.59	5.54	5.48
	-1.3	-2	5.80	5.78	5.76	5.65	5.54
	0.8	0	6.11	6.02	5.94	5.73	5.51
	3.9	3	6.63	6.39	6.16	5.81	5.47
	7.0	6	7.25	6.77	6.30	5.86	5.42
	10.1	9	7.20	6.74	6.28	5.82	5.37
	13.2	12	7.15	6.69	6.24	5.78	5.32
	16.9	15.5	7.10	6.64	6.18	5.73	5.27

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			4.41	3.23	5.27	3.66	5.70	3.77	6.07	3.83	6.80	4.13	7.06	4.01
	12			4.41	3.23	5.27	3.66	5.70	3.77	6.06	3.83	6.77	4.12	7.03	4.00
	14			4.41	3.23	5.27	3.66	5.70	3.77	6.05	3.82	6.75	4.11	7.00	3.99
	16			4.41	3.23	5.27	3.66	5.70	3.77	6.04	3.82	6.72	4.10	6.97	3.97
	18			4.41	3.23	5.27	3.66	5.70	3.77	6.03	3.81	6.70	4.09	6.94	3.96
Hi	20			4.41	3.23	5.27	3.66	5.70	3.77	6.03	3.81	6.67	4.08	6.90	3.95
	22			4.40	3.22	5.27	3.66	5.70	3.77	6.00	3.80	6.59	4.04	6.81	3.91
10	24			4.40	3.22	5.27	3.66	5.70	3.77	5.97	3.79	6.50	4.00	6.72	3.88
(m³/min)	26			4.39	3.22	5.24	3.65	5.65	3.74	5.90	3.76	6.40	3.96	6.61	3.83
	28	3.98	3.16	4.39	3.22	5.22	3.64	5.60	3.72	5.83	3.72	6.30	3.92	6.51	3.80
	30	3.98	3.16	4.38	3.21	5.18	3.62	5.54	3.69	5.76	3.69	6.20	3.87	6.41	3.75
	32	3.98	3.16	4.37	3.21	5.14	3.60	5.49	3.67	5.69	3.66	6.11	3.84	6.31	3.72
	34	3.98	3.16	4.35	3.20	5.12	3.59	5.42	3.64	5.60	3.62	5.98	3.78	6.18	3.67
	35	3.98	3.16	4.35	3.20	5.11	3.59	5.38	3.62	5.56	3.61	5.91	3.75	6.12	3.65
	36	3.98	3.16	4.34	3.19	5.07	3.57	5.35	3.61	5.50	3.58	5.81	3.71	6.00	3.60
	38	3.98	3.16	4.33	3.19	5.00	3.54	5.30	3.58	5.40	3.54	5.60	3.63	5.76	3.51
	39	3.98	3.16	4.33	3.19	4.96	3.52	5.27	3.57	5.34	3.51	5.49	3.59	5.64	3.47
	41	3.98	3.16	4.31	3.18	4.81	3.45	5.06	3.48	5.12	3.42	5.25	3.49	5.38	3.38
	43	3.98	3.16	4.30	3.17	4.66	3.38	4.84	3.38	4.90	3.32	5.00	3.39	5.11	3.28

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	3.52	3.52	3.52	3.52	3.52
	-17.8	-18	3.75	3.75	3.75	3.75	3.75
	-15.7	-16	3.97	3.97	3.97	3.97	3.97
	-13.7	-14	4.20	4.20	4.20	4.20	4.20
	-11.7	-12	4.43	4.43	4.43	4.43	4.43
Hi	-9.6	-10	4.65	4.65	4.65	4.65	4.65
	-7.5	-8	4.94	4.94	4.94	4.94	4.94
10	-5.5	-6	5.22	5.22	5.22	5.22	5.22
(m³/min)	-3.4	-4	5.40	5.39	5.39	5.33	5.28
	-1.3	-2	5.58	5.57	5.55	5.45	5.34
	0.8	0	5.89	5.80	5.72	5.52	5.31
	3.9	3	6.39	6.16	5.93	5.60	5.27
	7.0	6	6.98	6.53	6.07	5.65	5.22
	10.1	9	6.93	6.49	6.05	5.61	5.17
	13.2	12	6.89	6.45	6.01	5.57	5.13
	16.9	15.5	6.84	6.40	5.96	5.52	5.08

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			4.11	2.97	4.92	3.38	5.32	3.48	5.66	3.54	6.34	3.81	6.58	3.70
	12			4.11	2.97	4.92	3.38	5.32	3.48	5.65	3.54	6.32	3.81	6.56	3.69
	14			4.11	2.97	4.92	3.38	5.32	3.48	5.65	3.54	6.30	3.80	6.53	3.68
	16			4.11	2.97	4.92	3.38	5.32	3.48	5.64	3.53	6.27	3.78	6.50	3.67
	18			4.11	2.97	4.92	3.38	5.32	3.48	5.63	3.53	6.25	3.78	6.47	3.66
Me	20			4.11	2.97	4.92	3.38	5.32	3.48	5.62	3.53	6.23	3.77	6.44	3.64
	22			4.11	2.97	4.92	3.38	5.32	3.48	5.60	3.52	6.15	3.73	6.35	3.61
9	24			4.10	2.97	4.92	3.38	5.32	3.48	5.57	3.50	6.07	3.70	6.27	3.58
(m³/min)	26			4.10	2.97	4.89	3.37	5.27	3.45	5.51	3.47	5.97	3.65	6.17	3.54
	28	3.71	2.91	4.10	2.97	4.87	3.36	5.22	3.43	5.44	3.44	5.88	3.62	6.07	3.50
	30	3.71	2.91	4.09	2.96	4.83	3.34	5.17	3.41	5.38	3.41	5.79	3.58	5.98	3.46
	32	3.71	2.91	4.08	2.96	4.79	3.32	5.12	3.39	5.31	3.38	5.70	3.54	5.89	3.43
	34	3.71	2.91	4.06	2.95	4.78	3.31	5.05	3.35	5.23	3.34	5.58	3.49	5.77	3.38
	35	3.71	2.91	4.06	2.95	4.77	3.31	5.02	3.34	5.19	3.33	5.52	3.46	5.71	3.36
	36	3.71	2.91	4.05	2.94	4.73	3.29	4.99	3.33	5.14	3.31	5.42	3.42	5.60	3.31
	38	3.71	2.91	4.04	2.94	4.66	3.26	4.94	3.30	5.04	3.26	5.22	3.34	5.38	3.23
	39	3.71	2.91	4.04	2.94	4.63	3.24	4.92	3.29	4.99	3.24	5.12	3.30	5.27	3.19
	41	3.71	2.91	4.02	2.93	4.49	3.18	4.72	3.20	4.78	3.15	4.89	3.21	5.02	3.10
	43	3.71	2.91	4.01	2.92	4.35	3.11	4.52	3.11	4.57	3.06	4.67	3.12	4.77	3.02

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	3.22	3.22	3.22	3.22	3.22
	-17.8	-18	3.43	3.43	3.43	3.43	3.43
	-15.7	-16	3.64	3.64	3.64	3.64	3.64
	-13.7	-14	3.85	3.85	3.85	3.85	3.85
	-11.7	-12	4.06	4.06	4.06	4.06	4.06
Me	-9.6	-10	4.26	4.26	4.26	4.26	4.26
	-7.5	-8	4.52	4.52	4.52	4.52	4.52
9	-5.5	-6	4.78	4.78	4.78	4.78	4.78
(m³/min)	-3.4	-4	4.95	4.94	4.93	4.89	4.84
	-1.3	-2	5.12	5.10	5.09	4.99	4.89
	0.8	0	5.39	5.32	5.24	5.05	4.87
	3.9	3	5.85	5.64	5.43	5.13	4.82
	7.0	6	6.39	5.98	5.56	5.17	4.78
	10.1	9	6.35	5.95	5.54	5.14	4.74
	13.2	12	6.31	5.91	5.50	5.10	4.70
	16.9	15.5	6.26	5.86	5.46	5.05	4.65

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			3.80	2.71	4.55	3.09	4.92	3.19	5.23	3.24	5.86	3.49	6.09	3.39
	12			3.80	2.71	4.55	3.09	4.92	3.19	5.23	3.24	5.84	3.49	6.06	3.38
	14			3.80	2.71	4.55	3.09	4.92	3.19	5.22	3.24	5.82	3.48	6.03	3.37
	16			3.80	2.71	4.55	3.09	4.92	3.19	5.21	3.23	5.80	3.47	6.01	3.36
	18			3.80	2.71	4.55	3.09	4.92	3.19	5.20	3.23	5.78	3.46	5.98	3.35
Lo	20			3.80	2.71	4.55	3.09	4.92	3.19	5.20	3.23	5.76	3.45	5.95	3.33
	22			3.80	2.71	4.54	3.08	4.92	3.19	5.17	3.21	5.68	3.41	5.87	3.30
8	24			3.79	2.71	4.54	3.08	4.92	3.19	5.15	3.20	5.61	3.38	5.79	3.26
(m³/min)	26			3.79	2.71	4.52	3.07	4.87	3.16	5.09	3.18	5.52	3.34	5.70	3.23
	28	3.43	2.66	3.79	2.71	4.50	3.06	4.83	3.14	5.03	3.15	5.43	3.30	5.61	3.19
	30	3.43	2.66	3.78	2.70	4.47	3.05	4.78	3.12	4.97	3.12	5.35	3.27	5.53	3.16
	32	3.43	2.66	3.77	2.70	4.43	3.03	4.73	3.09	4.91	3.09	5.27	3.23	5.45	3.13
	34	3.43	2.66	3.76	2.69	4.42	3.03	4.67	3.06	4.83	3.05	5.16	3.19	5.33	3.08
	35	3.43	2.66	3.75	2.69	4.41	3.02	4.64	3.05	4.79	3.04	5.10	3.16	5.28	3.06
	36	3.43	2.66	3.74	2.68	4.37	3.00	4.62	3.04	4.75	3.02	5.01	3.12	5.18	3.02
	38	3.43	2.66	3.74	2.68	4.31	2.97	4.57	3.02	4.66	2.98	4.83	3.04	4.97	2.94
	39	3.43	2.66	3.73	2.68	4.28	2.96	4.55	3.01	4.61	2.96	4.73	3.00	4.87	2.91
	41	3.43	2.66	3.72	2.67	4.15	2.90	4.36	2.92	4.42	2.87	4.52	2.92	4.64	2.82
	43	3.43	2.66	3.70	2.66	4.02	2.84	4.18	2.84	4.22	2.79	4.31	2.84	4.41	2.74

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	3.00	3.00	3.00	3.00	3.00
	-17.8	-18	3.19	3.19	3.19	3.19	3.19
	-15.7	-16	3.38	3.38	3.38	3.38	3.38
	-13.7	-14	3.58	3.58	3.58	3.58	3.58
	-11.7	-12	3.77	3.77	3.77	3.77	3.77
Lo	-9.6	-10	3.96	3.96	3.96	3.96	3.96
	-7.5	-8	4.20	4.20	4.20	4.20	4.20
8	-5.5	-6	4.45	4.45	4.45	4.45	4.45
(m³/min)	-3.4	-4	4.60	4.59	4.59	4.54	4.50
	-1.3	-2	4.76	4.74	4.73	4.64	4.55
	0.8	0	5.01	4.94	4.87	4.70	4.52
	3.9	3	5.44	5.25	5.05	4.77	4.48
	7.0	6	5.95	5.56	5.17	4.81	4.45
	10.1	9	5.91	5.53	5.15	4.78	4.41
	13.2	12	5.87	5.49	5.12	4.74	4.37
	16.9	15.5	5.82	5.45	5.07	4.70	4.32

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJG000Z054

Model **FDU71KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			5.82	5.32	6.96	6.01	7.53	6.12	8.01	6.19	8.97	6.70	9.31	6.54
	12			5.82	5.32	6.96	6.01	7.53	6.12	8.00	6.19	8.94	6.69	9.27	6.52
	14			5.82	5.32	6.96	6.01	7.53	6.12	7.99	6.18	8.90	6.68	9.23	6.51
	16			5.82	5.32	6.96	6.01	7.53	6.12	7.97	6.16	8.87	6.67	9.19	6.50
	18			5.82	5.32	6.96	6.01	7.53	6.12	7.96	6.16	8.84	6.66	9.15	6.49
P-Hi	20			5.82	5.32	6.96	6.01	7.53	6.12	7.95	6.15	8.81	6.63	9.11	6.48
	22			5.81	5.31	6.95	6.00	7.53	6.12	7.92	6.14	8.70	6.60	8.99	6.44
24	24			5.80	5.31	6.95	6.00	7.53	6.12	7.88	6.13	8.58	6.56	8.86	6.40
(m³/min)	26			5.80	5.31	6.92	5.99	7.46	6.10	7.79	6.10	8.45	6.51	8.73	6.35
	28	5.25	5.04	5.79	5.31	6.89	5.98	7.38	6.07	7.69	6.06	8.31	6.46	8.59	6.31
	30	5.25	5.04	5.78	5.30	6.83	5.96	7.31	6.03	7.60	6.03	8.19	6.42	8.46	6.27
	32	5.25	5.04	5.77	5.30	6.78	5.94	7.24	6.00	7.51	6.00	8.06	6.38	8.33	6.23
	34	5.25	5.04	5.75	5.29	6.76	5.93	7.15	5.97	7.39	5.94	7.89	6.32	8.16	6.17
	35	5.25	5.04	5.74	5.29	6.75	5.93	7.10	5.95	7.33	5.92	7.80	6.28	8.08	6.14
	36	5.25	5.04	5.73	5.28	6.69	5.91	7.06	5.94	7.26	5.90	7.66	6.23	7.92	6.10
	38	5.25	5.04	5.72	5.28	6.59	5.86	6.99	5.91	7.12	5.85	7.38	6.14	7.61	5.99
	39	5.25	5.04	5.71	5.27	6.54	5.84	6.96	5.90	7.05	5.83	7.24	6.08	7.45	5.95
	41	5.25	5.04	5.69	5.27	6.35	5.77	6.67	5.78	6.76	5.71	6.92	5.98	7.10	5.84
	43	5.25	5.04	5.67	5.26	6.15	5.69	6.39	5.68	6.46	5.61	6.60	5.87	6.75	5.73

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	4.64	4.64	4.64	4.64	4.64
	-17.8	-18	4.94	4.94	4.94	4.94	4.94
	-15.7	-16	5.24	5.24	5.24	5.24	5.24
	-13.7	-14	5.54	5.54	5.54	5.54	5.54
	-11.7	-12	5.83	5.83	5.83	5.83	5.83
P-Hi	-9.6	-10	6.13	6.13	6.13	6.13	6.13
	-7.5	-8	6.51	6.51	6.51	6.51	6.51
24	-5.5	-6	6.88	6.88	6.88	6.88	6.88
(m³/min)	-3.4	-4	7.12	7.11	7.10	7.03	6.96
	-1.3	-2	7.36	7.34	7.32	7.18	7.04
	0.8	0	7.76	7.65	7.54	7.27	7.00
	3.9	3	8.42	8.12	7.82	7.38	6.94
	7.0	6	9.20	8.60	8.00	7.44	6.88
	10.1	9	9.14	8.56	7.97	7.40	6.82
	13.2	12	9.08	8.50	7.92	7.34	6.76
	16.9	15.5	9.01	8.43	7.85	7.27	6.69

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			5.65	4.71	6.75	5.33	7.30	5.44	7.77	5.50	8.70	5.95	9.04	5.81
	12			5.65	4.71	6.75	5.33	7.30	5.44	7.76	5.50	8.67	5.94	9.00	5.79
	14			5.65	4.71	6.75	5.33	7.30	5.44	7.75	5.50	8.64	5.93	8.96	5.77
	16			5.65	4.71	6.75	5.33	7.30	5.44	7.74	5.49	8.61	5.92	8.92	5.76
	18			5.65	4.71	6.75	5.33	7.30	5.44	7.73	5.49	8.58	5.91	8.88	5.75
Hi	20			5.65	4.71	6.75	5.33	7.30	5.44	7.72	5.49	8.55	5.90	8.84	5.74
	22			5.64	4.71	6.75	5.33	7.30	5.44	7.68	5.47	8.44	5.85	8.72	5.70
19	24			5.63	4.70	6.75	5.33	7.30	5.44	7.65	5.46	8.33	5.81	8.60	5.65
(m³/min)	26			5.63	4.70	6.71	5.30	7.23	5.41	7.56	5.43	8.20	5.77	8.47	5.61
	28	5.10	4.65	5.62	4.70	6.68	5.29	7.17	5.38	7.47	5.39	8.07	5.71	8.34	5.57
	30	5.10	4.65	5.61	4.69	6.63	5.27	7.10	5.36	7.38	5.35	7.94	5.67	8.21	5.51
	32	5.10	4.65	5.59	4.68	6.58	5.25	7.03	5.33	7.29	5.32	7.82	5.63	8.09	5.48
	34	5.10	4.65	5.58	4.68	6.56	5.24	6.94	5.29	7.18	5.28	7.66	5.56	7.92	5.42
	35	5.10	4.65	5.57	4.68	6.55	5.24	6.89	5.27	7.12	5.25	7.57	5.53	7.84	5.40
	36	5.10	4.65	5.56	4.67	6.50	5.22	6.86	5.25	7.05	5.22	7.44	5.49	7.68	5.34
	38	5.10	4.65	5.55	4.67	6.40	5.18	6.79	5.23	6.91	5.17	7.17	5.39	7.38	5.25
	39	5.10	4.65	5.54	4.66	6.35	5.16	6.75	5.21	6.84	5.14	7.03	5.34	7.23	5.19
	41	5.10	4.65	5.52	4.65	6.16	5.08	6.48	5.11	6.56	5.03	6.72	5.23	6.89	5.09
	43	5.10	4.65	5.50	4.65	5.97	5.00	6.20	5.00	6.27	4.92	6.41	5.11	6.55	4.98

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	4.49	4.49	4.49	4.49	4.49
	-17.8	-18	4.78	4.78	4.78	4.78	4.78
	-15.7	-16	5.07	5.07	5.07	5.07	5.07
	-13.7	-14	5.36	5.36	5.36	5.36	5.36
	-11.7	-12	5.65	5.65	5.65	5.65	5.65
Hi	-9.6	-10	5.93	5.93	5.93	5.93	5.93
	-7.5	-8	6.30	6.30	6.30	6.30	6.30
19	-5.5	-6	6.66	6.66	6.66	6.66	6.66
(m³/min)	-3.4	-4	6.89	6.88	6.87	6.80	6.73
	-1.3	-2	7.12	7.10	7.08	6.95	6.81
	0.8	0	7.51	7.40	7.29	7.03	6.77
	3.9	3	8.15	7.86	7.57	7.14	6.71
	7.0	6	8.90	8.32	7.74	7.20	6.66
	10.1	9	8.84	8.28	7.71	7.15	6.60
	13.2	12	8.78	8.22	7.66	7.10	6.54
	16.9	15.5	8.72	8.16	7.59	7.03	6.47

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			5.37	4.17	6.42	4.71	6.94	4.84	7.39	4.91	8.27	5.29	8.59	5.15
	12			5.37	4.17	6.42	4.71	6.94	4.84	7.38	4.91	8.24	5.28	8.55	5.13
	14			5.37	4.17	6.42	4.71	6.94	4.84	7.37	4.90	8.21	5.27	8.52	5.12
	16			5.37	4.17	6.42	4.71	6.94	4.84	7.36	4.90	8.18	5.25	8.48	5.11
	18			5.37	4.17	6.42	4.71	6.94	4.84	7.35	4.89	8.15	5.24	8.44	5.10
Me	20			5.37	4.17	6.42	4.71	6.94	4.84	7.34	4.88	8.12	5.23	8.41	5.08
	22			5.36	4.16	6.42	4.71	6.94	4.84	7.30	4.87	8.02	5.19	8.29	5.04
15	24			5.35	4.16	6.41	4.70	6.94	4.84	7.27	4.86	7.92	5.15	8.18	5.00
(m³/min)	26			5.35	4.16	6.38	4.69	6.88	4.81	7.18	4.82	7.79	5.10	8.05	4.95
	28	4.85	4.10	5.34	4.15	6.35	4.68	6.81	4.78	7.10	4.79	7.67	5.05	7.93	4.91
	30	4.85	4.10	5.33	4.15	6.30	4.66	6.75	4.74	7.02	4.75	7.55	5.00	7.81	4.87
	32	4.85	4.10	5.32	4.14	6.26	4.64	6.68	4.71	6.93	4.70	7.44	4.96	7.69	4.82
	34	4.85	4.10	5.30	4.14	6.23	4.63	6.59	4.67	6.82	4.66	7.28	4.90	7.53	4.77
	35	4.85	4.10	5.29	4.13	6.22	4.62	6.55	4.66	6.77	4.64	7.20	4.87	7.45	4.74
	36	4.85	4.10	5.29	4.13	6.18	4.61	6.52	4.64	6.70	4.61	7.07	4.82	7.31	4.69
	38	4.85	4.10	5.27	4.12	6.08	4.57	6.45	4.62	6.57	4.56	6.81	4.72	7.02	4.58
	39	4.85	4.10	5.27	4.12	6.03	4.54	6.42	4.60	6.51	4.53	6.68	4.67	6.87	4.53
	41	4.85	4.10	5.25	4.11	5.85	4.47	6.16	4.50	6.23	4.43	6.39	4.57	6.55	4.42
	43	4.85	4.10	5.23	4.11	5.67	4.39	5.90	4.39	5.96	4.32	6.09	4.45	6.23	4.30

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	4.22	4.22	4.22	4.22	4.22
	-17.8	-18	4.49	4.49	4.49	4.49	4.49
	-15.7	-16	4.76	4.76	4.76	4.76	4.76
	-13.7	-14	5.03	5.03	5.03	5.03	5.03
	-11.7	-12	5.30	5.30	5.30	5.30	5.30
Me	-9.6	-10	5.57	5.57	5.57	5.57	5.57
	-7.5	-8	5.91	5.91	5.91	5.91	5.91
15	-5.5	-6	6.25	6.25	6.25	6.25	6.25
(m³/min)	-3.4	-4	6.47	6.46	6.45	6.39	6.32
	-1.3	-2	6.69	6.67	6.65	6.52	6.40
	0.8	0	7.05	6.95	6.85	6.61	6.36
	3.9	3	7.65	7.38	7.11	6.71	6.31
	7.0	6	8.36	7.82	7.27	6.76	6.25
	10.1	9	8.31	7.77	7.24	6.72	6.20
	13.2	12	8.25	7.72	7.20	6.67	6.14
	16.9	15.5	8.19	7.66	7.13	6.61	6.08

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			4.81	3.39	5.75	3.86	6.22	3.99	6.62	4.07	7.42	4.38	7.70	4.24
	12			4.81	3.39	5.75	3.86	6.22	3.99	6.61	4.06	7.39	4.37	7.67	4.23
	14			4.81	3.39	5.75	3.86	6.22	3.99	6.60	4.06	7.36	4.35	7.63	4.21
	16			4.81	3.39	5.75	3.86	6.22	3.99	6.59	4.05	7.33	4.34	7.60	4.20
	18			4.81	3.39	5.75	3.86	6.22	3.99	6.58	4.05	7.31	4.33	7.57	4.19
Lo	20			4.81	3.39	5.75	3.86	6.22	3.99	6.58	4.05	7.28	4.31	7.53	4.17
	22			4.80	3.38	5.75	3.86	6.22	3.99	6.54	4.03	7.19	4.27	7.43	4.13
10	24			4.80	3.38	5.75	3.86	6.22	3.99	6.51	4.02	7.10	4.23	7.33	4.09
(m³/min)	26			4.79	3.38	5.72	3.85	6.16	3.95	6.44	3.98	6.99	4.19	7.22	4.04
	28	4.34	3.31	4.79	3.38	5.69	3.83	6.10	3.92	6.36	3.94	6.87	4.13	7.10	3.99
	30	4.34	3.31	4.78	3.37	5.65	3.81	6.05	3.90	6.29	3.90	6.77	4.08	7.00	3.95
	32	4.34	3.31	4.77	3.37	5.61	3.79	5.99	3.87	6.21	3.87	6.66	4.04	6.89	3.91
	34	4.34	3.31	4.75	3.36	5.59	3.78	5.91	3.83	6.11	3.82	6.52	3.97	6.75	3.85
	35	4.34	3.31	4.74	3.36	5.58	3.78	5.87	3.82	6.06	3.80	6.45	3.95	6.68	3.82
	36	4.34	3.31	4.74	3.36	5.53	3.75	5.84	3.80	6.01	3.78	6.34	3.90	6.55	3.77
	38	4.34	3.31	4.73	3.35	5.45	3.72	5.78	3.77	5.89	3.72	6.10	3.79	6.29	3.67
	39	4.34	3.31	4.72	3.35	5.41	3.69	5.75	3.76	5.83	3.69	5.99	3.75	6.16	3.62
	41	4.34	3.31	4.70	3.34	5.25	3.62	5.52	3.65	5.59	3.58	5.72	3.64	5.87	3.51
	43	4.34	3.31	4.69	3.33	5.08	3.54	5.28	3.54	5.34	3.47	5.46	3.53	5.58	3.39

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	3.77	3.77	3.77	3.77	3.77
	-17.8	-18	4.01	4.01	4.01	4.01	4.01
	-15.7	-16	4.26	4.26	4.26	4.26	4.26
	-13.7	-14	4.50	4.50	4.50	4.50	4.50
	-11.7	-12	4.74	4.74	4.74	4.74	4.74
Lo	-9.6	-10	4.98	4.98	4.98	4.98	4.98
	-7.5	-8	5.29	5.29	5.29	5.29	5.29
10	-5.5	-6	5.59	5.59	5.59	5.59	5.59
(m³/min)	-3.4	-4	5.79	5.78	5.77	5.71	5.66
	-1.3	-2	5.98	5.96	5.95	5.83	5.72
	0.8	0	6.31	6.22	6.13	5.91	5.69
	3.9	3	6.84	6.60	6.35	6.00	5.64
	7.0	6	7.48	6.99	6.50	6.05	5.59
	10.1	9	7.43	6.95	6.48	6.01	5.54
	13.2	12	7.38	6.91	6.44	5.96	5.49
	16.9	15.5	7.32	6.85	6.38	5.91	5.44

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJG000Z054

Model **FDU90KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			7.38	6.01	8.82	6.77	9.54	6.94	10.15	7.03	11.37	7.59	11.80	7.40
	12			7.38	6.01	8.82	6.77	9.54	6.94	10.14	7.03	11.33	7.58	11.75	7.39
	14			7.38	6.01	8.82	6.77	9.54	6.94	10.12	7.02	11.29	7.56	11.70	7.36
	16			7.38	6.01	8.82	6.77	9.54	6.94	10.11	7.02	11.25	7.55	11.65	7.34
	18			7.38	6.01	8.82	6.77	9.54	6.94	10.09	7.01	11.20	7.53	11.60	7.33
P-Hi	20			7.38	6.01	8.82	6.77	9.54	6.94	10.08	7.01	11.16	7.52	11.55	7.31
	22			7.37	6.00	8.82	6.77	9.54	6.94	10.03	6.99	11.02	7.45	11.39	7.24
24	24			7.36	6.00	8.81	6.76	9.54	6.94	9.99	6.97	10.88	7.41	11.24	7.20
(m³/min)	26			7.35	5.99	8.77	6.75	9.45	6.91	9.87	6.91	10.71	7.33	11.06	7.14
	28	6.66	5.92	7.34	5.99	8.73	6.73	9.36	6.86	9.75	6.87	10.54	7.28	10.89	7.08
	30	6.66	5.92	7.33	5.97	8.66	6.70	9.27	6.80	9.64	6.83	10.38	7.21	10.73	7.03
	32	6.66	5.92	7.31	5.97	8.60	6.68	9.18	6.77	9.53	6.75	10.22	7.15	10.56	6.93
	34	6.66	5.92	7.28	5.95	8.57	6.67	9.06	6.72	9.37	6.69	10.00	7.04	10.35	6.87
	35	6.66	5.92	7.27	5.95	8.55	6.66	9.00	6.70	9.30	6.67	9.89	7.01	10.24	6.83
	36	6.66	5.92	7.26	5.94	8.49	6.64	8.96	6.68	9.21	6.63	9.72	6.95	10.04	6.77
	38	6.66	5.92	7.25	5.94	8.36	6.59	8.87	6.65	9.03	6.57	9.36	6.83	9.64	6.65
	39	6.66	5.92	7.24	5.94	8.29	6.56	8.82	6.63	8.94	6.54	9.18	6.77	9.44	6.59
	41	6.66	5.92	7.21	5.92	8.04	6.45	8.46	6.49	8.56	6.40	8.77	6.62	9.00	6.44
	43	6.66	5.92	7.19	5.92	7.80	6.36	8.10	6.34	8.19	6.25	8.37	6.49	8.56	6.30

Heating mode (kW)

Air flow	Outdoor air temperature °CWB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	5.80	5.80	5.80	5.80	5.80
	-17.8	-18	6.17	6.17	6.17	6.17	6.17
	-15.7	-16	6.55	6.55	6.55	6.55	6.55
	-13.7	-14	6.92	6.92	6.92	6.92	6.92
	-11.7	-12	7.29	7.29	7.29	7.29	7.29
P-Hi	-9.6	-10	7.67	7.67	7.67	7.67	7.67
	-7.5	-8	8.13	8.13	8.13	8.13	8.13
24	-5.5	-6	8.60	8.60	8.60	8.60	8.60
(m³/min)	-3.4	-4	8.90	8.89	8.88	8.79	8.70
	-1.3	-2	9.20	9.18	9.15	8.98	8.80
	0.8	0	9.70	9.56	9.43	9.09	8.75
	3.9	3	10.53	10.15	9.78	9.23	8.68
	7.0	6	11.50	10.75	10.00	9.30	8.60
	10.1	9	11.43	10.69	9.96	9.24	8.53
	13.2	12	11.35	10.63	9.90	9.18	8.45
	16.9	15.5	11.26	10.54	9.81	9.09	8.36

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			7.25	5.45	8.67	6.17	9.38	6.35	9.98	6.44	11.18	6.94	11.61	6.75
	12			7.25	5.45	8.67	6.17	9.38	6.35	9.97	6.44	11.14	6.93	11.56	6.73
	14			7.25	5.45	8.67	6.17	9.38	6.35	9.95	6.43	11.10	6.91	11.51	6.71
	16			7.25	5.45	8.67	6.17	9.38	6.35	9.94	6.43	11.06	6.90	11.46	6.69
	18			7.25	5.45	8.67	6.17	9.38	6.35	9.93	6.42	11.02	6.87	11.41	6.68
Hi	20			7.25	5.45	8.67	6.17	9.38	6.35	9.91	6.41	10.98	6.86	11.36	6.65
	22			7.24	5.44	8.67	6.17	9.38	6.35	9.87	6.40	10.84	6.81	11.20	6.59
19	24			7.23	5.44	8.67	6.17	9.38	6.35	9.82	6.37	10.70	6.74	11.05	6.53
(m³/min)	26			7.23	5.44	8.62	6.15	9.29	6.30	9.71	6.32	10.53	6.67	10.88	6.47
	28	6.55	5.34	7.22	5.43	8.58	6.13	9.20	6.24	9.59	6.27	10.36	6.61	10.71	6.41
	30	6.55	5.34	7.20	5.42	8.52	6.10	9.12	6.21	9.48	6.21	10.20	6.54	10.55	6.35
	32	6.55	5.34	7.19	5.42	8.45	6.07	9.03	6.17	9.37	6.16	10.05	6.47	10.39	6.29
	34	6.55	5.34	7.16	5.40	8.42	6.06	8.91	6.12	9.22	6.10	9.83	6.39	10.17	6.21
	35	6.55	5.34	7.15	5.39	8.41	6.06	8.85	6.10	9.14	6.07	9.73	6.35	10.07	6.17
	36	6.55	5.34	7.14	5.39	8.34	6.02	8.81	6.08	9.05	6.04	9.55	6.28	9.87	6.08
	38	6.55	5.34	7.12	5.38	8.22	5.97	8.72	6.05	8.88	5.97	9.20	6.13	9.48	5.95
	39	6.55	5.34	7.12	5.38	8.15	5.94	8.67	6.02	8.79	5.93	9.03	6.07	9.28	5.89
	41	6.55	5.34	7.09	5.37	7.91	5.83	8.32	5.87	8.42	5.77	8.63	5.93	8.85	5.74
	43	6.55	5.34	7.07	5.36	7.67	5.72	7.97	5.72	8.05	5.62	8.23	5.78	8.41	5.59

Air flow	Outdoor air temperature °CWB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	5.66	5.66	5.66	5.66	5.66
	-17.8	-18	6.02	6.02	6.02	6.02	6.02
	-15.7	-16	6.38	6.38	6.38	6.38	6.38
	-13.7	-14	6.75	6.75	6.75	6.75	6.75
	-11.7	-12	7.11	7.11	7.11	7.11	7.11
Hi	-9.6	-10	7.48	7.48	7.48	7.48	7.48
	-7.5	-8	7.93	7.93	7.93	7.93	7.93
19	-5.5	-6	8.39	8.39	8.39	8.39	8.39
(m³/min)	-3.4	-4	8.68	8.67	8.65	8.57	8.48
	-1.3	-2	8.97	8.95	8.92	8.75	8.58
	0.8	0	9.46	9.32	9.19	8.86	8.53
	3.9	3	10.26	9.90	9.53	8.99	8.46
	7.0	6	11.21	10.48	9.75	9.07	8.39
	10.1	9	11.14	10.43	9.71	9.01	8.31
	13.2	12	11.07	10.36	9.65	8.95	8.24
	16.9	15.5	10.98	10.27	9.57	8.86	8.15

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			6.89	4.90	8.23	5.57	8.90	5.74	9.47	5.85	10.61	6.30	11.02	6.12
	12			6.89	4.90	8.23	5.57	8.90	5.74	9.46	5.84	10.57	6.29	10.97	6.09
	14			6.89	4.90	8.23	5.57	8.90	5.74	9.45	5.84	10.53	6.27	10.92	6.07
	16			6.89	4.90	8.23	5.57	8.90	5.74	9.43	5.83	10.50	6.26	10.88	6.06
	18			6.89	4.90	8.23	5.57	8.90	5.74	9.42	5.83	10.46	6.23	10.83	6.04
Me	20			6.89	4.90	8.23	5.57	8.90	5.74	9.41	5.82	10.42	6.22	10.78	6.01
	22			6.88	4.89	8.23	5.57	8.90	5.74	9.37	5.80	10.29	6.16	10.63	5.95
15	24			6.87	4.89	8.22	5.56	8.90	5.74	9.32	5.78	10.16	6.10	10.49	5.89
(m³/min)	26			6.86	4.88	8.19	5.55	8.82	5.70	9.21	5.72	10.00	6.03	10.33	5.83
	28	6.22	4.79	6.85	4.88	8.15	5.53	8.74	5.66	9.10	5.67	9.84	5.96	10.16	5.76
	30	6.22	4.79	6.84	4.87	8.09	5.50	8.65	5.62	9.00	5.63	9.69	5.89	10.01	5.70
	32	6.22	4.79	6.82	4.86	8.02	5.46	8.57	5.58	8.89	5.58	9.54	5.83	9.86	5.64
	34	6.22	4.79	6.80	4.85	7.99	5.45	8.46	5.53	8.75	5.51	9.33	5.74	9.66	5.56
	35	6.22	4.79	6.79	4.84	7.98	5.44	8.40	5.50	8.68	5.48	9.23	5.69	9.55	5.52
	36	6.22	4.79	6.78	4.84	7.92	5.42	8.36	5.48	8.59	5.44	9.07	5.63	9.37	5.43
	38	6.22	4.79	6.76	4.83	7.80	5.35	8.27	5.44	8.43	5.37	8.74	5.48	9.00	5.30
	39	6.22	4.79	6.75	4.82	7.74	5.33	8.23	5.42	8.34	5.32	8.57	5.41	8.81	5.23
	41	6.22	4.79	6.73	4.81	7.51	5.22	7.90	5.27	7.99	5.17	8.19	5.26	8.40	5.08
	43	6.22	4.79	6.71	4.81	7.28	5.11	7.56	5.11	7.64	5.01	7.81	5.11	7.99	4.93

Air flow	Outdoor air temperature °CWB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	5.34	5.34	5.34	5.34	5.34
	-17.8	-18	5.68	5.68	5.68	5.68	5.68
	-15.7	-16	6.02	6.02	6.02	6.02	6.02
	-13.7	-14	6.37	6.37	6.37	6.37	6.37
	-11.7	-12	6.71	6.71	6.71	6.71	6.71
Me	-9.6	-10	7.05	7.05	7.05	7.05	7.05
	-7.5	-8	7.48	7.48	7.48	7.48	7.48
15	-5.5	-6	7.91	7.91	7.91	7.91	7.91
(m³/min)	-3.4	-4	8.19	8.18	8.17	8.08	8.00
	-1.3	-2	8.46	8.44	8.42	8.26	8.10
	0.8	0	8.92	8.80	8.67	8.36	8.05
	3.9	3	9.68	9.34	8.99	8.49	7.98
	7.0	6	10.58	9.89	9.20	8.56	7.91
	10.1	9	10.51	9.84	9.17	8.50	7.84
	13.2	12	10.44	9.78	9.11	8.44	7.77
	16.9	15.5	10.36	9.69	9.03	8.36	7.69

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			5.99	4.02	7.16	4.61	7.75	4.79	8.24	4.91	9.23	5.31	9.59	5.13
	12			5.99	4.02	7.16	4.61	7.75	4.79	8.23	4.91	9.20	5.29	9.55	5.11
	14			5.99	4.02	7.16	4.61	7.75	4.79	8.22	4.90	9.17	5.27	9.51	5.09
	16			5.99	4.02	7.16	4.61	7.75	4.79	8.21	4.90	9.13	5.25	9.46	5.06
	18			5.99	4.02	7.16	4.61	7.75	4.79	8.20	4.89	9.10	5.23	9.42	5.04
Lo	20			5.99	4.02	7.16	4.61	7.75	4.79	8.19	4.89	9.07	5.22	9.38	5.02
	22			5.98	4.01	7.16	4.61	7.75	4.79	8.15	4.86	8.95	5.15	9.25	4.96
10	24			5.98	4.01	7.16	4.61	7.75	4.79	8.11	4.84	8.84	5.09	9.13	4.90
(m³/min)	26			5.97	4.01	7.12	4.59	7.68	4.75	8.02	4.79	8.70	5.02	8.99	4.83
	28	5.41	3.91	5.96	4.00	7.09	4.57	7.60	4.71	7.92	4.73	8.56	4.95	8.85	4.77
	30	5.41	3.91	5.95	4.00	7.04	4.54	7.53	4.67	7.83	4.68	8.43	4.88	8.71	4.70
	32	5.41	3.91	5.94	3.99	6.98	4.51	7.46	4.63	7.74	4.64	8.30	4.81	8.58	4.64
	34	5.41	3.91	5.92	3.98	6.96	4.50	7.36	4.58	7.61	4.57	8.12	4.72	8.40	4.56
	35	5.41	3.91	5.91	3.97	6.94	4.49	7.31	4.55	7.55	4.54	8.04	4.68	8.31	4.51
	36	5.41	3.91	5.90	3.97	6.89	4.46	7.27	4.53	7.48	4.50	7.89	4.61	8.15	4.44
	38	5.41	3.91	5.88	3.96	6.79	4.41	7.20	4.49	7.33	4.42	7.60	4.47	7.83	4.30
	39	5.41	3.91	5.88	3.96	6.73	4.37	7.16	4.47	7.26	4.39	7.46	4.40	7.67	4.23
	41	5.41	3.91	5.86	3.95	6.53	4.26	6.87	4.32	6.96	4.23	7.13	4.25	7.31	4.08
	43	5.41	3.91	5.84	3.93	6.33	4.16	6.58	4.17	6.65	4.08	6.80	4.10	6.95	3.93

Air flow	Outdoor air temperature °CWB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	4.59	4.59	4.59	4.59	4.59
	-17.8	-18	4.89	4.89	4.89	4.89	4.89
	-15.7	-16	5.18	5.18	5.18	5.18	5.18
	-13.7	-14	5.48	5.48	5.48	5.48	5.48
	-11.7	-12	5.78	5.78	5.78	5.78	5.78
Lo	-9.6	-10	6.07	6.07	6.07	6.07	6.07
	-7.5	-8	6.44	6.44	6.44	6.44	6.44
10	-5.5	-6	6.81	6.81	6.81	6.81	6.81
(m³/min)	-3.4	-4	7.05	7.04	7.03	6.96	6.89
	-1.3	-2	7.29	7.27	7.25	7.11	6.97
	0.8	0	7.68	7.57	7.46	7.20	6.93
	3.9	3	8.34	8.04	7.74	7.31	6.87
	7.0	6	9.11	8.51	7.92	7.37	6.81
	10.1	9	9.05	8.47	7.89	7.32	6.75
	13.2	12	8.99	8.42	7.84	7.27	6.69
	16.9	15.5	8.92	8.35	7.77	7.20	6.62

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJG000Z054

Model **FDU112KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			9.18	7.72	10.97	8.72	11.87	8.91	12.63	9.01	14.15	9.75	14.69	9.51
	12			9.18	7.72	10.97	8.72	11.87	8.91	12.61	9.00	14.10	9.71	14.63	9.43
	14			9.18	7.72	10.97	8.72	11.87	8.91	12.60	9.00	14.05	9.70	14.56	9.41
	16			9.18	7.72	10.97	8.72	11.87	8.91	12.58	8.99	14.00	9.69	14.50	9.40
	18			9.18	7.72	10.97	8.72	11.87	8.91	12.56	8.98	13.94	9.67	14.44	9.38
P-Hi	20			9.18	7.72	10.97	8.72	11.87	8.91	12.55	8.98	13.89	9.65	14.37	9.36
	22			9.17	7.72	10.97	8.72	11.87	8.91	12.49	8.96	13.72	9.54	14.18	9.31
36	24			9.15	7.71	10.97	8.72	11.87	8.91	12.43	8.94	13.54	9.48	13.98	9.25
(m³/min)	26			9.15	7.71	10.92	8.70	11.76	8.87	12.28	8.87	13.33	9.42	13.77	9.19
	28	8.29	7.59	9.14	7.71	10.86	8.66	11.65	8.81	12.14	8.82	13.11	9.35	13.55	9.11
	30	8.29	7.59	9.12	7.68	10.78	8.63	11.54	8.77	12.00	8.76	12.91	9.27	13.35	9.04
	32	8.29	7.59	9.09	7.67	10.70	8.60	11.42	8.71	11.85	8.71	12.71	9.21	13.15	8.98
	34	8.29	7.59	9.06	7.66	10.66	8.59	11.27	8.66	11.66	8.62	12.45	9.11	12.87	8.88
	35	8.29	7.59	9.05	7.65	10.64	8.58	11.20	8.63	11.57	8.59	12.31	9.05	12.74	8.85
	36	8.29	7.59	9.04	7.65	10.56	8.55	11.14	8.61	11.46	8.56	12.09	8.98	12.49	8.76
	38	8.29	7.59	9.02	7.64	10.40	8.48	11.03	8.56	11.24	8.47	11.65	8.83	12.00	8.60
	39	8.29	7.59	9.00	7.60	10.32	8.45	10.98	8.54	11.13	8.43	11.43	8.75	11.75	8.52
	41	8.29	7.59	8.97	7.59	10.01	8.32	10.53	8.37	10.66	8.24	10.92	8.58	11.20	8.28
	43	8.29	7.59	8.94	7.58	9.70	8.19	10.08	8.17	10.19	8.06	10.41	8.34	10.65	8.13

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	7.25	7.25	7.25	7.25	7.25
	-17.8	-18	7.72	7.72	7.72	7.72	7.72
	-15.7	-16	8.18	8.18	8.18	8.18	8.18
	-13.7	-14	8.65	8.65	8.65	8.65	8.65
	-11.7	-12	9.12	9.12	9.12	9.12	9.12
P-Hi	-9.6	-10	9.58	9.58	9.58	9.58	9.58
	-7.5	-8	10.17	10.17	10.17	10.17	10.17
36	-5.5	-6	10.75	10.75	10.75	10.75	10.75
(m³/min)	-3.4	-4	11.13	11.11	11.09	10.98	10.88
	-1.3	-2	11.50	11.47	11.44	11.22	11.00
	0.8	0	12.13	11.95	11.78	11.36	10.94
	3.9	3	13.16	12.69	12.22	11.53	10.84
	7.0	6	14.38	13.44	12.50	11.63	10.75
	10.1	9	14.28	13.37	12.45	11.55	10.66
	13.2	12	14.19	13.28	12.38	11.47	10.56
	16.9	15.5	14.08	13.17	12.27	11.36	10.45

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			8.94	6.86	10.69	7.79	11.56	7.99	12.30	8.12	13.78	8.76	14.31	8.50
	12			8.94	6.86	10.69	7.79	11.56	7.99	12.29	8.11	13.73	8.74	14.25	8.48
	14			8.94	6.86	10.69	7.79	11.56	7.99	12.27	8.11	13.68	8.68	14.19	8.46
	16			8.94	6.86	10.69	7.79	11.56	7.99	12.25	8.10	13.63	8.67	14.13	8.44
	18			8.94	6.86	10.69	7.79	11.56	7.99	12.24	8.10	13.58	8.65	14.06	8.42
Hi	20			8.94	6.86	10.69	7.79	11.56	7.99	12.22	8.08	13.53	8.63	14.00	8.41
	22			8.93	6.85	10.69	7.79	11.56	7.99	12.16	8.05	13.36	8.58	13.81	8.33
28	24			8.92	6.85	10.68	7.79	11.56	7.99	12.11	8.04	13.19	8.51	13.62	8.26
(m³/min)	26			8.91	6.84	10.63	7.77	11.46	7.95	11.96	7.97	12.98	8.43	13.41	8.19
	28	8.07	6.77	8.90	6.84	10.58	7.75	11.35	7.90	11.82	7.91	12.77	8.34	13.20	8.11
	30	8.07	6.77	8.88	6.83	10.50	7.71	11.24	7.83	11.68	7.86	12.58	8.27	13.00	8.04
	32	8.07	6.77	8.86	6.82	10.42	7.68	11.13	7.79	11.55	7.77	12.39	8.19	12.81	7.97
	34	8.07	6.77	8.83	6.81	10.38	7.66	10.98	7.73	11.36	7.70	12.12	8.09	12.54	7.83
	35	8.07	6.77	8.82	6.81	10.36	7.65	10.91	7.71	11.27	7.67	11.99	8.04	12.41	7.79
	36	8.07	6.77	8.80	6.80	10.29	7.61	10.86	7.69	11.16	7.63	11.78	7.92	12.17	7.72
	38	8.07	6.77	8.78	6.79	10.13	7.55	10.75	7.64	10.95	7.55	11.35	7.79	11.69	7.57
	39	8.07	6.77	8.77	6.79	10.05	7.51	10.69	7.61	10.84	7.49	11.13	7.70	11.45	7.48
	41	8.07	6.77	8.74	6.77	9.75	7.38	10.26	7.43	10.38	7.31	10.64	7.52	10.91	7.30
	43	8.07	6.77	8.71	6.76	9.45	7.24	9.82	7.24	9.93	7.14	10.14	7.33	10.37	7.12

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	7.05	7.05	7.05	7.05	7.05
	-17.8	-18	7.51	7.51	7.51	7.51	7.51
	-15.7	-16	7.96	7.96	7.96	7.96	7.96
	-13.7	-14	8.41	8.41	8.41	8.41	8.41
	-11.7	-12	8.87	8.87	8.87	8.87	8.87
Hi	-9.6	-10	9.32	9.32	9.32	9.32	9.32
	-7.5	-8	9.89	9.89	9.89	9.89	9.89
28	-5.5	-6	10.46	10.46	10.46	10.46	10.46
(m³/min)	-3.4	-4	10.82	10.81	10.79	10.69	10.58
	-1.3	-2	11.19	11.16	11.13	10.91	10.70
	0.8	0	11.80	11.63	11.46	11.05	10.64
	3.9	3	12.80	12.34	11.89	11.22	10.55
	7.0	6	13.98	13.07	12.16	11.31	10.46
	10.1	9	13.89	13.00	12.11	11.24	10.37
	13.2	12	13.80	12.92	12.04	11.16	10.28
	16.9	15.5	13.70	12.81	11.93	11.05	10.17

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			8.43	6.41	10.07	7.26	10.90	7.46	11.59	7.55	12.99	8.16	13.48	7.94
	12			8.43	6.41	10.07	7.26	10.90	7.46	11.58	7.55	12.94	8.15	13.43	7.92
	14			8.43	6.41	10.07	7.26	10.90	7.46	11.56	7.54	12.89	8.13	13.37	7.89
	16			8.43	6.41	10.07	7.26	10.90	7.46	11.55	7.54	12.85	8.10	13.31	7.87
	18			8.43	6.41	10.07	7.26	10.90	7.46	11.53	7.53	12.80	8.09	13.25	7.86
Me	20			8.43	6.41	10.07	7.26	10.90	7.46	11.52	7.53	12.75	8.07	13.19	7.82
	22			8.41	6.40	10.07	7.26	10.90	7.46	11.46	7.51	12.59	8.00	13.01	7.76
25	24			8.40	6.39	10.07	7.26	10.90	7.46	11.41	7.49	12.43	7.94	12.83	7.69
(m³/min)	26			8.40	6.39	10.02	7.23	10.79	7.40	11.27	7.44	12.23	7.86	12.64	7.62
	28	7.61	6.29	8.39	6.39	9.97	7.21	10.69	7.36	11.14	7.38	12.04	7.78	12.44	7.54
	30	7.61	6.29	8.37	6.38	9.89	7.18	10.59	7.31	11.01	7.32	11.85	7.70	12.25	7.45
	32	7.61	6.29	8.35	6.37	9.82	7.14	10.49	7.28	10.88	7.26	11.67	7.63	12.07	7.39
	34	7.61	6.29	8.32	6.36	9.78	7.13	10.35	7.21	10.71	7.20	11.42	7.51	11.82	7.32
	35	7.61	6.29	8.31	6.35	9.77	7.12	10.28	7.19	10.62	7.15	11.30	7.47	11.69	7.28
	36	7.61	6.29	8.30	6.35	9.69	7.09	10.23	7.16	10.52	7.12	11.10	7.41	11.47	7.20
	38	7.61	6.29	8.28	6.34	9.55	7.03	10.13	7.12	10.31	7.02	10.69	7.25	11.01	7.04
	39	7.61	6.29	8.27	6.34	9.47	7.00	10.07	7.10	10.21	6.98	10.49	7.17	10.78	6.96
	41	7.61	6.29	8.24	6.32	9.19	6.85	9.66	6.92	9.78	6.78	10.02	6.99	10.28	6.78
	43	7.61	6.29	8.21	6.31	8.90	6.74	9.25	6.73	9.35	6.63	9.56	6.82	9.77	6.58

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	6.59	6.59	6.59	6.59	6.59
	-17.8	-18	7.01	7.01	7.01	7.01	7.01
	-15.7	-16	7.44	7.44	7.44	7.44	7.44
	-13.7	-14	7.86	7.86	7.86	7.86	7.86
	-11.7	-12	8.29	8.29	8.29	8.29	8.29
Me	-9.6	-10	8.71	8.71	8.71	8.71	8.71
	-7.5	-8	9.24	9.24	9.24	9.24	9.24
25	-5.5	-6	9.77	9.77	9.77	9.77	9.77
(m³/min)	-3.4	-4	10.11	10.10	10.08	9.98	9.88
	-1.3	-2	10.45	10.42	10.39	10.20	10.00
	0.8	0	11.02	10.86	10.71	10.32	9.94
	3.9	3	11.96	11.53	11.10	10.48	9.85
	7.0	6	13.06	12.21	11.36	10.56	9.77
	10.1	9	12.98	12.15	11.32	10.50	9.68
	13.2	12	12.89	12.07	11.25	10.42	9.60
	16.9	15.5	12.79	11.97	11.15	10.32	9.50

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			7.53	5.45	9.01	6.20	9.74	6.37	10.36	6.50	11.61	7.00	12.05	6.80
	12			7.53	5.45	9.01	6.20	9.74	6.37	10.35	6.49	11.57	6.98	12.00	6.77
	14			7.53	5.45	9.01	6.20	9.74	6.37	10.34	6.49	11.53	6.97	11.95	6.75
	16			7.53	5.45	9.01	6.20	9.74	6.37	10.32	6.47	11.48	6.94	11.90	6.73
	18			7.53	5.45	9.01	6.20	9.74	6.37	10.31	6.47	11.44	6.93	11.85	6.71
Lo	20			7.53	5.45	9.01	6.20	9.74	6.37	10.29	6.46	11.40	6.91	11.79	6.68
	22			7.52	5.44	9.00	6.19	9.74	6.37	10.25	6.45	11.26	6.85	11.63	6.60
19	24			7.51	5.44	9.00	6.19	9.74	6.37	10.20	6.42	11.11	6.78	11.47	6.55
(m³/min)	26			7.51	5.44	8.96	6.17	9.65	6.33	10.08	6.36	10.94	6.69	11.30	6.49
	28	6.80	5.34	7.50	5.44	8.91	6.15	9.56	6.30	9.96	6.30	10.76	6.63	11.12	6.42
	30	6.80	5.34	7.48	5.43	8.85	6.12	9.47	6.25	9.84	6.25	10.60	6.56	10.95	6.35
	32	6.80	5.34	7.46	5.42	8.78	6.09	9.37	6.21	9.73	6.21	10.43	6.48	10.79	6.29
	34	6.80	5.34	7.44	5.41	8.75	6.08	9.25	6.15	9.57	6.13	10.21	6.40	10.56	6.20
	35	6.80	5.34	7.43	5.40	8.73	6.06	9.19	6.12	9.49	6.10	10.10	6.35	10.45	6.15
	36	6.80	5.34	7.42	5.40	8.66	6.03	9.14	6.10	9.40	6.06	9.92	6.28	10.25	6.06
	38	6.80	5.34	7.40	5.39	8.53	5.97	9.05	6.06	9.22	5.98	9.56	6.12	9.84	5.93
	39	6.80	5.34	7.39	5.39	8.47	5.95	9.01	6.04	9.13	5.94	9.38	6.05	9.64	5.85
	41	6.80	5.34	7.36	5.37	8.21	5.81	8.64	5.87	8.75	5.78	8.96	5.88	9.19	5.69
	43	6.80	5.34	7.34	5.36	7.96	5.70	8.27	5.70	8.36	5.60	8.54	5.72	8.74	5.53

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	5.90	5.90	5.90	5.90	5.90
	-17.8	-18	6.28	6.28	6.28	6.28	6.28
	-15.7	-16	6.66	6.66	6.66	6.66	6.66
	-13.7	-14	7.04	7.04	7.04	7.04	7.04
	-11.7	-12	7.42	7.42	7.42	7.42	7.42
Lo	-9.6	-10	7.80	7.80	7.80	7.80	7.80
	-7.5	-8	8.27	8.27	8.27	8.27	8.27
19	-5.5	-6	8.75	8.75	8.75	8.75	8.75
(m³/min)	-3.4	-4	9.05	9.04	9.03	8.94	8.85
	-1.3	-2	9.36	9.33	9.31	9.13	8.95
	0.8	0	9.86	9.73	9.59	9.24	8.90
	3.9	3	10.70	10.32	9.94	9.38	8.82
	7.0	6	11.70	10.93	10.17	9.46	8.75
	10.1	9	11.62	10.88	10.13	9.40	8.67
	13.2	12	11.54	10.81	10.07	9.33	8.59
	16.9	15.5	11.45	10.72	9.98	9.24	8.50

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJG000Z054

Model **FDU140KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			11.48	9.96	13.72	11.27	14.84	11.49	15.79	11.62	17.69	12.56	18.36	12.26
	12			11.48	9.96	13.72	11.27	14.84	11.49	15.77	11.61	17.62	12.53	18.28	12.23
	14			11.48	9.96	13.72	11.27	14.84	11.49	15.75	11.60	17.56	12.51	18.20	12.20
	16			11.48	9.96	13.72	11.27	14.84	11.49	15.72	11.59	17.49	12.49	18.13	12.18
	18			11.48	9.96	13.72	11.27	14.84	11.49	15.70	11.58	17.43	12.46	18.05	12.15
P-Hi	20			11.48	9.96	13.72	11.27	14.84	11.49	15.68	11.57	17.37	12.44	17.97	12.13
	22			11.46	9.96	13.71	11.26	14.84	11.49	15.61	11.55	17.15	12.36	17.72	12.04
39	24			11.44	9.95	13.71	11.26	14.84	11.49	15.54	11.52	16.93	12.28	17.48	11.96
(m³/min)	26			11.43	9.94	13.64	11.23	14.70	11.43	15.35	11.45	16.66	12.18	17.21	11.87
	28	10.36	9.84	11.42	9.94	13.58	11.21	14.56	11.38	15.17	11.38	16.39	12.09	16.94	11.79
	30	10.36	9.84	11.40	9.93	13.48	11.17	14.42	11.32	14.99	11.31	16.14	12.00	16.69	11.70
	32	10.36	9.84	11.37	9.92	13.37	11.12	14.28	11.26	14.82	11.24	15.89	11.91	16.43	11.62
	34	10.36	9.84	11.33	9.90	13.32	11.10	14.09	11.19	14.58	11.15	15.56	11.79	16.09	11.51
	35	10.36	9.84	11.31	9.89	13.30	11.09	14.00	11.15	14.46	11.10	15.39	11.73	15.92	11.45
	36	10.36	9.84	11.30	9.89	13.20	11.05	13.93	11.12	14.32	11.05	15.11	11.64	15.61	11.35
	38	10.36	9.84	11.27	9.87	13.00	10.97	13.79	11.07	14.05	10.95	14.56	11.44	15.00	11.16
	39	10.36	9.84	11.26	9.87	12.90	10.93	13.72	11.04	13.91	10.90	14.28	11.35	14.69	11.06
	41	10.36	9.84	11.22	9.85	12.51	10.78	13.16	10.82	13.32	10.68	13.65	11.13	14.00	10.84
	43	10.36	9.84	11.18	9.84	12.13	10.62	12.60	10.61	12.74	10.46	13.02	10.92	13.31	10.56

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	9.28	9.28	9.28	9.28	9.28
	-17.8	-18	9.88	9.88	9.88	9.88	9.88
	-15.7	-16	10.47	10.47	10.47	10.47	10.47
	-13.7	-14	11.07	11.07	11.07	11.07	11.07
	-11.7	-12	11.67	11.67	11.67	11.67	11.67
P-Hi	-9.6	-10	12.27	12.27	12.27	12.27	12.27
	-7.5	-8	13.01	13.01	13.01	13.01	13.01
39	-5.5	-6	13.76	13.76	13.76	13.76	13.76
(m³/min)	-3.4	-4	14.24	14.22	14.20	14.06	13.92
	-1.3	-2	14.72	14.68	14.64	14.36	14.08
	0.8	0	15.52	15.30	15.08	14.54	14.00
	3.9	3	16.84	16.24	15.64	14.76	13.88
	7.0	6	18.40	17.20	16.00	14.88	13.76
	10.1	9	18.28	17.11	15.94	14.79	13.64
	13.2	12	18.16	17.00	15.84	14.68	13.52
	16.9	15.5	18.02	16.86	15.70	14.54	13.38

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			11.29	9.01	13.49	10.19	14.60	10.42	15.53	10.56	17.40	11.41	18.06	11.11
	12			11.29	9.01	13.49	10.19	14.60	10.42	15.51	10.56	17.33	11.38	17.98	11.08
	14			11.29	9.01	13.49	10.19	14.60	10.42	15.49	10.55	17.27	11.36	17.91	11.06
	16			11.29	9.01	13.49	10.19	14.60	10.42	15.47	10.54	17.21	11.34	17.83	11.03
	18			11.29	9.01	13.49	10.19	14.60	10.42	15.45	10.53	17.14	11.31	17.75	11.00
Hi	20			11.29	9.01	13.49	10.19	14.60	10.42	15.42	10.52	17.08	11.29	17.67	10.97
	22			11.27	9.00	13.49	10.19	14.60	10.42	15.35	10.49	16.86	11.20	17.43	10.89
32	24			11.26	9.00	13.48	10.18	14.60	10.42	15.28	10.46	16.65	11.12	17.19	10.80
(m³/min)	26			11.25	8.99	13.42	10.16	14.46	10.37	15.10	10.39	16.39	11.02	16.93	10.71
	28	10.19	8.86	11.24	8.99	13.36	10.13	14.32	10.31	14.92	10.31	16.12	10.92	16.66	10.62
	30	10.19	8.86	11.21	8.98	13.25	10.08	14.18	10.25	14.75	10.24	15.88	10.81	16.41	10.51
	32	10.19	8.86	11.18	8.96	13.15	10.04	14.05	10.19	14.57	10.17	15.63	10.72	16.16	10.43
	34	10.19	8.86	11.14	8.95	13.10	10.02	13.86	10.11	14.34	10.08	15.30	10.59	15.83	10.32
	35	10.19	8.86	11.13	8.94	13.08	10.01	13.77	10.08	14.23	10.04	15.14	10.54	15.66	10.26
	36	10.19	8.86	11.11	8.93	12.98	9.97	13.70	10.05	14.09	9.98	14.86	10.43	15.36	10.16
	38	10.19	8.86	11.08	8.92	12.79	9.88	13.56	9.99	13.82	9.87	14.32	10.23	14.75	9.95
	39	10.19	8.86	11.07	8.91	12.69	9.84	13.49	9.96	13.68	9.82	14.05	10.14	14.45	9.85
	41	10.19	8.86	11.03	8.90	12.31	9.68	12.94	9.73	13.10	9.59	13.43	9.91	13.77	9.63
	43	10.19	8.86	10.99	8.88	11.93	9.52	12.39	9.51	12.53	9.37	12.80	9.69	13.09	9.41

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	9.09	9.09	9.09	9.09	9.09
	-17.8	-18	9.68	9.68	9.68	9.68	9.68
	-15.7	-16	10.27	10.27	10.27	10.27	10.27
	-13.7	-14	10.85	10.85	10.85	10.85	10.85
	-11.7	-12	11.44	11.44	11.44	11.44	11.44
Hi	-9.6	-10	12.02	12.02	12.02	12.02	12.02
	-7.5	-8	12.75	12.75	12.75	12.75	12.75
32	-5.5	-6	13.48	13.48	13.48	13.48	13.48
(m³/min)	-3.4	-4	13.96	13.94	13.92	13.78	13.64
	-1.3	-2	14.43	14.39	14.35	14.07	13.80
	0.8	0	15.21	14.99	14.78	14.25	13.72
	3.9	3	16.50	15.92	15.33	14.46	13.60
	7.0	6	18.03	16.86	15.68	14.58	13.48
	10.1	9	17.91	16.77	15.62	14.49	13.37
	13.2	12	17.80	16.66	15.52	14.39	13.25
	16.9	15.5	17.66	16.52	15.39	14.25	13.11

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			10.75	8.05	12.86	9.13	13.91	9.38	14.80	9.53	16.57	10.27	17.21	9.98
	12			10.75	8.05	12.86	9.13	13.91	9.38	14.78	9.52	16.51	10.24	17.13	9.95
	14			10.75	8.05	12.86	9.13	13.91	9.38	14.76	9.51	16.45	10.22	17.06	9.92
	16			10.75	8.05	12.86	9.13	13.91	9.38	14.74	9.50	16.39	10.19	16.99	9.89
	18			10.75	8.05	12.86	9.13	13.91	9.38	14.72	9.49	16.33	10.17	16.91	9.86
Me	20			10.75	8.05	12.86	9.13	13.91	9.38	14.70	9.48	16.27	10.13	16.84	9.82
	22			10.74	8.04	12.85	9.13	13.91	9.38	14.63	9.45	16.07	10.05	16.61	9.74
26	24			10.72	8.03	12.85	9.13	13.91	9.38	14.56	9.42	15.86	9.96	16.38	9.65
(m³/min)	26			10.72	8.03	12.79	9.10	13.78	9.32	14.39	9.35	15.61	9.86	16.13	9.56
	28	9.71	7.91	10.71	8.03	12.73	9.07	13.64	9.26	14.22	9.27	15.36	9.76	15.88	9.47
	30	9.71	7.91	10.68	8.01	12.63	9.03	13.51	9.20	14.05	9.20	15.13	9.67	15.64	9.38
	32	9.71	7.91	10.65	8.00	12.53	8.97	13.38	9.14	13.89	9.13	14.89	9.57	15.40	9.29
	34	9.71	7.91	10.62	7.98	12.49	8.95	13.21	9.06	13.66	9.03	14.58	9.45	15.08	9.17
	35	9.71	7.91	10.60	7.98	12.46	8.94	13.12	9.02	13.55	8.99	14.42	9.38	14.92	9.11
	36	9.71	7.91	10.59	7.97	12.37	8.90	13.05	8.99	13.42	8.93	14.16	9.28	14.63	9.01
	38	9.71	7.91	10.56	7.96	12.18	8.81	12.92	8.94	13.16	8.82	13.64	9.08	14.05	8.81
	39	9.71	7.91	10.55	7.95	12.09	8.77	12.86	8.91	13.03	8.77	13.39	8.98	13.76	8.70
	41	9.71	7.91	10.51	7.93	11.73	8.61	12.33	8.67	12.49	8.53	12.79	8.74	13.12	8.47
	43	9.71	7.91	10.47	7.91	11.36	8.45	11.81	8.45	11.94	8.31	12.20	8.52	12.47	8.25

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	8.61	8.61	8.61	8.61	8.61
	-17.8	-18	9.17	9.17	9.17	9.17	9.17
	-15.7	-16	9.72	9.72	9.72	9.72	9.72
	-13.7	-14	10.28	10.28	10.28	10.28	10.28
	-11.7	-12	10.83	10.83	10.83	10.83	10.83
Me	-9.6	-10	11.39	11.39	11.39	11.39	11.39
	-7.5	-8	12.08	12.08	12.08	12.08	12.08
26	-5.5	-6	12.77	12.77	12.77	12.77	12.77
(m³/min)	-3.4	-4	13.22	13.20	13.18	13.05	12.92
	-1.3	-2	13.66	13.62	13.59	13.33	13.07
	0.8	0	14.40	14.20	14.00	13.49	12.99
	3.9	3	15.63	15.07	14.52	13.70	12.88
	7.0	6	17.08	15.96	14.85	13.81	12.77
	10.1	9	16.97	15.88	14.79	13.73	12.66
	13.2	12	16.85	15.78	14.70	13.62	12.55
	16.9	15.5	16.72	15.65	14.57	13.49	12.42

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			9.62	6.84	11.49	7.78	12.43	8.03	13.23	8.18	14.82	8.81	15.39	8.54
	12			9.62	6.84	11.49	7.78	12.43	8.03	13.21	8.17	14.76	8.79	15.32	8.52
	14			9.62	6.84	11.49	7.78	12.43	8.03	13.19	8.16	14.71	8.76	15.25	8.49
	16			9.62	6.84	11.49	7.78	12.43	8.03	13.17	8.15	14.66	8.74	15.19	8.46
	18			9.62	6.84	11.49	7.78	12.43	8.03	13.16	8.15	14.60	8.71	15.12	8.43
Lo	20			9.62	6.84	11.49	7.78	12.43	8.03	13.14	8.14	14.55	8.69	15.05	8.40
	22			9.60	6.83	11.49	7.78	12.43	8.03	13.08	8.11	14.37	8.61	14.85	8.31
20	24			9.59	6.83	11.49	7.78	12.43	8.03	13.02	8.08	14.18	8.52	14.64	8.23
(m³/min)	26			9.58	6.82	11.43	7.75	12.32	7.97	12.86	8.01	13.96	8.42	14.42	8.14
	28	8.68	6.70	9.57	6.82	11.38	7.73	12.20	7.92	12.71	7.94	13.73	8.32	14.19	8.05
	30	8.68	6.70	9.55	6.81	11.29	7.68	12.08	7.86	12.56	7.87	13.53	8.23	13.98	7.96
	32	8.68	6.70	9.52	6.79	11.20	7.64	11.96	7.79	12.42	7.80	13.32	8.14	13.77	7.88
	34	8.68	6.70	9.49	6.78	11.16	7.62	11.81	7.72	12.22	7.71	13.03	8.02	13.48	7.77
	35	8.68	6.70	9.48	6.77	11.14	7.61	11.73	7.69	12.12	7.66	12.89	7.96	13.34	7.72
	36	8.68	6.70	9.47	6.77	11.06	7.57	11.67	7.66	12.00	7.60	12.66	7.86	13.08	7.62
	38	8.68	6.70	9.44	6.75	10.89	7.49	11.55	7.60	11.77	7.50	12.20	7.66	12.56	7.41
	39	8.68	6.70	9.43	6.75	10.81	7.45	11.50	7.58	11.65	7.45	11.97	7.57	12.31	7.32
	41	8.68	6.70	9.40	6.73	10.48	7.30	11.03	7.36	11.16	7.23	11.44	7.36	11.73	7.10
	43	8.68	6.70	9.36	6.71	10.16	7.15	10.56	7.15	10.67	7.02	10.90	7.14	11.15	6.89

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	7.68	7.68	7.68	7.68	7.68
	-17.8	-18	8.17	8.17	8.17	8.17	8.17
	-15.7	-16	8.67	8.67	8.67	8.67	8.67
	-13.7	-14	9.16	9.16	9.16	9.16	9.16
	-11.7	-12	9.66	9.66	9.66	9.66	9.66
Lo	-9.6	-10	10.15	10.15	10.15	10.15	10.15
	-7.5	-8	10.77	10.77	10.77	10.77	10.77
20	-5.5	-6	11.39	11.39	11.39	11.39	11.39
(m³/min)	-3.4	-4	11.78	11.77	11.75	11.63	11.52
	-1.3	-2	12.18	12.15	12.11	11.88	11.65
	0.8	0	12.84	12.66	12.48	12.03	11.59
	3.9	3	13.94	13.44	12.94	12.21	11.49
	7.0	6	15.23	14.23	13.24	12.31	11.39
	10.1	9	15.13	14.16	13.19	12.24	11.29
	13.2	12	15.03	14.07	13.11	12.15	11.19
	16.9	15.5	14.91	13.95	12.99	12.03	11.07

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJG000Z054

Model **FDU160KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
P-Hi	10			13.12	11.09	15.68	12.51	16.96	12.79	18.04	12.94	20.21	13.99	20.99	13.66
	12			13.12	11.09	15.68	12.51	16.96	12.79	18.02	12.93	20.14	13.96	20.90	13.61
	14			13.12	11.09	15.68	12.51	16.96	12.79	18.00	12.93	20.07	13.94	20.81	13.58
	16			13.12	11.09	15.68	12.51	16.96	12.79	17.97	12.92	19.99	13.91	20.72	13.56
	18			13.12	11.09	15.68	12.51	16.96	12.79	17.95	12.91	19.92	13.89	20.62	13.53
	20			13.12	11.09	15.68	12.51	16.96	12.79	17.92	12.90	19.85	13.84	20.53	13.50
	22			13.10	11.08	15.67	12.51	16.96	12.79	17.84	12.87	19.60	13.76	20.25	13.39
48	24			13.08	11.08	15.67	12.51	16.96	12.79	17.75	12.84	19.34	13.67	19.97	13.30
(m³/min)	26			13.07	11.07	15.59	12.48	16.80	12.73	17.55	12.74	19.04	13.55	19.67	13.19
	28	11.84	10.95	13.06	11.07	15.52	12.45	16.64	12.65	17.34	12.67	18.73	13.45	19.36	13.09
	30	11.84	10.95	13.02	11.05	15.40	12.41	16.48	12.59	17.14	12.59	18.45	13.33	19.07	12.98
	32	11.84	10.95	12.99	11.04	15.28	12.36	16.32	12.53	16.93	12.50	18.16	13.24	18.78	12.90
	34	11.84	10.95	12.95	11.00	15.23	12.34	16.11	12.45	16.66	12.40	17.78	13.09	18.39	12.76
	35	11.84	10.95	12.93	10.99	15.20	12.33	16.00	12.39	16.53	12.36	17.59	13.03	18.20	12.70
	36	11.84	10.95	12.91	10.98	15.09	12.29	15.92	12.36	16.37	12.27	17.27	12.90	17.85	12.60
	38	11.84	10.95	12.88	10.97	14.86	12.18	15.76	12.30	16.05	12.16	16.64	12.62	17.14	12.30
	39	11.84	10.95	12.86	10.96	14.74	12.13	15.68	12.27	15.89	12.11	16.32	12.52	16.79	12.20
	41	11.84	10.95	12.82	10.95	14.30	11.94	15.04	12.01	15.23	11.85	15.60	12.29	16.00	11.98
	43	11.84	10.95	12.77	10.93	13.86	11.78	14.40	11.76	14.56	11.60	14.87	12.06	15.21	11.75

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
P-Hi	-19.8	-20	10.44	10.44	10.44	10.44	10.44
	-17.8	-18	11.11	11.11	11.11	11.11	11.11
	-15.7	-16	11.78	11.78	11.78	11.78	11.78
	-13.7	-14	12.46	12.46	12.46	12.46	12.46
	-11.7	-12	13.13	13.13	13.13	13.13	13.13
	-9.6	-10	13.80	13.80	13.80	13.80	13.80
48	-7.5	-8	14.64	14.64	14.64	14.64	14.64
	-5.5	-6	15.48	15.48	15.48	15.48	15.48
(m³/min)	-3.4	-4	16.02	16.00	15.98	15.82	15.66
	-1.3	-2	16.56	16.52	16.47	16.16	15.84
	0.8	0	17.46	17.21	16.97	16.36	15.75
	3.9	3	18.95	18.27	17.60	16.61	15.62
	7.0	6	20.70	19.35	18.00	16.74	15.48
	10.1	9	20.57	19.25	17.93	16.64	15.35
	13.2	12	20.43	19.13	17.82	16.52	15.21
	16.9	15.5	20.27	18.97	17.66	16.36	15.05

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Hi	10			12.90	9.64	15.42	10.94	16.68	11.24	17.75	11.43	19.88	12.29	20.65	11.97
	12			12.90	9.64	15.42	10.94	16.68	11.24	17.73	11.42	19.81	12.27	20.56	11.94
	14			12.90	9.64	15.42	10.94	16.68	11.24	17.70	11.41	19.74	12.24	20.47	11.89
	16			12.90	9.64	15.42	10.94	16.68	11.24	17.68	11.40	19.67	12.22	20.38	11.86
	18			12.90	9.64	15.42	10.94	16.68	11.24	17.65	11.37	19.60	12.19	20.29	11.83
	20			12.90	9.64	15.42	10.94	16.68	11.24	17.63	11.36	19.52	12.16	20.20	11.78
	22			12.88	9.63	15.42	10.94	16.68	11.24	17.55	11.33	19.28	12.06	19.92	11.68
35	24			12.87	9.63	15.41	10.94	16.68	11.24	17.47	11.30	19.03	11.95	19.65	11.59
(m³/min)	26			12.85	9.62	15.34	10.89	16.53	11.17	17.26	11.20	18.73	11.83	19.35	11.47
	28	11.65	9.47	12.84	9.62	15.27	10.86	16.37	11.10	17.06	11.11	18.43	11.70	19.05	11.36
	30	11.65	9.47	12.81	9.60	15.15	10.82	16.21	11.02	16.86	11.03	18.15	11.59	18.76	11.25
	32	11.65	9.47	12.78	9.59	15.03	10.75	16.05	10.96	16.66	10.94	17.87	11.47	18.48	11.14
	34	11.65	9.47	12.74	9.57	14.98	10.73	15.84	10.86	16.39	10.82	17.49	11.32	18.09	10.96
	35	11.65	9.47	12.72	9.56	14.95	10.72	15.74	10.82	16.26	10.77	17.30	11.24	17.90	10.90
	36	11.65	9.47	12.70	9.55	14.84	10.64	15.66	10.77	16.10	10.69	16.99	11.09	17.56	10.79
	38	11.65	9.47	12.67	9.54	14.61	10.55	15.50	10.71	15.79	10.58	16.37	10.88	16.86	10.56
	39	11.65	9.47	12.65	9.53	14.50	10.50	15.43	10.68	15.64	10.47	16.06	10.76	16.51	10.43
	41	11.65	9.47	12.61	9.50	14.07	10.33	14.80	10.39	14.98	10.22	15.35	10.48	15.74	10.15
	43	11.65	9.47	12.57	9.48	13.63	10.14	14.17	10.12	14.32	9.96	14.63	10.20	14.96	9.88

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Hi	-19.8	-20	10.23	10.23	10.23	10.23	10.23
	-17.8	-18	10.89	10.89	10.89	10.89	10.89
	-15.7	-16	11.55	11.55	11.55	11.55	11.55
	-13.7	-14	12.21	12.21	12.21	12.21	12.21
	-11.7	-12	12.87	12.87	12.87	12.87	12.87
	-9.6	-10	13.52	13.52	13.52	13.52	13.52
35	-7.5	-8	14.35	14.35	14.35	14.35	14.35
	-5.5	-6	15.17	15.17	15.17	15.17	15.17
(m³/min)	-3.4	-4	15.70	15.68	15.66	15.50	15.35
	-1.3	-2	16.23	16.18	16.14	15.83	15.52
	0.8	0	17.11	16.87	16.63	16.03	15.44
	3.9	3	18.57	17.90	17.24	16.27	15.30
	7.0	6	20.29	18.96	17.64	16.41	15.17
	10.1	9	20.15	18.86	17.57	16.31	15.04
	13.2	12	20.02	18.74	17.46	16.18	14.91
	16.9	15.5	19.87	18.59	17.31	16.03	14.75

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Me	10			12.07	8.60	14.42	9.77	15.60	10.08	16.60	10.27	18.60	11.07	19.31	10.74
	12			12.07	8.60	14.42	9.77	15.60	10.08	16.58	10.27	18.53	11.04	19.22	10.70
	14			12.07	8.60	14.42	9.77	15.60	10.08	16.56	10.26	18.46	11.02	19.14	10.67
	16			12.07	8.60	14.42	9.77	15.60	10.08	16.53	10.25	18.39	10.98	19.06	10.64
	18			12.07	8.60	14.42	9.77	15.60	10.08	16.51	10.24	18.33	10.95	18.97	10.59
	20			12.07	8.60	14.42	9.77	15.60	10.08	16.49	10.23	18.26	10.93	18.89	10.56
	22			12.05	8.57	14.42	9.77	15.60	10.08	16.41	10.18	18.03	10.81	18.63	10.45
28	24			12.03	8.56	14.41	9.77	15.60	10.08	16.33	10.15	17.80	10.71	18.38	10.35
(m³/min)	26			12.02	8.55	14.35	9.74	15.46	10.00	16.14	10.06	17.52	10.59	18.09	10.23
	28	10.89	8.41	12.01	8.55	14.28	9.70	15.31	9.93	15.95	9.97	17.24	10.46	17.81	10.10
	30	10.89	8.41	11.98	8.54	14.17	9.65	15.16	9.87	15.77	9.87	16.97	10.32	17.54	10.00
	32	10.89	8.41	11.95	8.52	14.06	9.59	15.01	9.79	15.58	9.79	16.71	10.22	17.28	9.90
	34	10.89	8.41	11.91	8.50	14.01	9.57	14.82	9.70	15.33	9.68	16.36	10.08	16.92	9.77
	35	10.89	8.41	11.89	8.50	13.98	9.56	14.72	9.66	15.21	9.63	16.18	10.00	16.74	9.69
	36	10.89	8.41	11.88	8.49	13.88	9.52	14.65	9.63	15.06	9.56	15.89	9.87	16.42	9.57
	38	10.89	8.41	11.85	8.48	13.67	9.41	14.50	9.56	14.77	9.43	15.31	9.64	15.77	9.31
	39	10.89	8.41	11.83	8.47	13.56	9.35	14.43	9.53	14.62	9.36	15.02	9.52	15.44	9.16
	41	10.89	8.41	11.79	8.45	13.16	9.17	13.84	9.25	14.01	9.09	14.35	9.22	14.72	8.93
	43	10.89	8.41	11.75	8.43	12.75	8.96	13.25	8.95	13.39	8.80	13.68	8.97	13.99	8.67

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Me	-19.8	-20	9.60	9.60	9.60	9.60	9.60
	-17.8	-18	10.22	10.22	10.22	10.22	10.22
	-15.7	-16	10.84	10.84	10.84	10.84	10.84
	-13.7	-14	11.46	11.46	11.46	11.46	11.46
	-11.7	-12	12.08	12.08	12.08	12.08	12.08
	-9.6	-10	12.70	12.70	12.70	12.70	12.70
	-7.5	-8	13.47	13.47	13.47	13.47	13.47
28	-5.5	-6	14.24	14.24	14.24	14.24	14.24
(m³/min)	-3.4	-4	14.74	14.72	14.70	14.55	14.41
	-1.3	-2	15.24	15.19	15.15	14.86	14.57
	0.8	0	16.06	15.84	15.61	15.05	14.49
	3.9	3	17.43	16.81	16.19	15.28	14.37
	7.0	6	19.04	17.80	16.56	15.40	14.24
	10.1	9	18.92	17.71	16.50	15.31	14.12
	13.2	12	18.80	17.60	16.39	15.19	13.99
	16.9	15.5	18.65	17.45	16.25	15.05	13.85

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Lo	10			10.99	7.53	13.14	8.60	14.21	8.91	15.12	9.11	16.94	9.83	17.59	9.51
	12			10.99	7.53	13.14	8.60	14.21	8.91	15.10	9.10	16.88	9.80	17.51	9.47
	14			10.99	7.53	13.14	8.60	14.21	8.91	15.08	9.09	16.82	9.77	17.44	9.45
	16			10.99	7.53	13.14	8.60	14.21	8.91	15.06	9.08	16.76	9.74	17.36	9.41
	18			10.99	7.53	13.14	8.60	14.21	8.91	15.04	9.07	16.70	9.71	17.29	9.37
	20			10.99	7.53	13.14	8.60	14.21	8.91	15.02	9.06	16.63	9.68	17.21	9.34
	22			10.98	7.52	13.14	8.60	14.21	8.91	14.95	9.03	16.42	9.57	16.98	9.23
22	24			10.96	7.51	13.13	8.60	14.21	8.91	14.88	8.99	16.21	9.47	16.74	9.11
(m³/min)	26			10.95	7.51	13.07	8.57	14.08	8.84	14.71	8.91	15.96	9.33	16.48	9.01
	28	9.92	7.35	10.94	7.50	13.01	8.54	13.95	8.78	14.53	8.82	15.70	9.22	16.23	8.90
	30	9.92	7.35	10.92	7.49	12.91	8.49	13.81	8.70	14.36	8.73	15.46	9.11	15.98	8.79
	32	9.92	7.35	10.89	7.48	12.81	8.43	13.68	8.64	14.19	8.64	15.22	8.99	15.74	8.69
	34	9.92	7.35	10.85	7.46	12.76	8.41	13.50	8.54	13.97	8.53	14.90	8.84	15.42	8.53
	35	9.92	7.35	10.84	7.46	12.74	8.40	13.41	8.50	13.85	8.46	14.74	8.76	15.25	8.47
	36	9.92	7.35	10.82	7.45	12.64	8.35	13.34	8.47	13.72	8.40	14.48	8.64	14.96	8.36
	38	9.92	7.35	10.80	7.43	12.45	8.25	13.21	8.40	13.45	8.28	13.95	8.41	14.36	8.10
	39	9.92	7.35	10.78	7.42	12.36	8.20	13.14	8.37	13.32	8.21	13.68	8.28	14.07	7.98
	41	9.92	7.35	10.74	7.40	11.98	8.01	12.61	8.10	12.76	7.94	13.07	8.00	13.41	7.73
	43	9.92	7.35	10.71	7.39	11.61	7.82	12.07	7.84	12.20	7.67	12.47	7.76	12.75	7.46

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Lo	-19.8	-20	8.39	8.39	8.39	8.39	8.39
	-17.8	-18	8.93	8.93	8.93	8.93	8.93
	-15.7	-16	9.47	9.47	9.47	9.47	9.47
	-13.7	-14	10.01	10.01	10.01	10.01	10.01
	-11.7	-12	10.55	10.55	10.55	10.55	10.55
	-9.6	-10	11.09	11.09	11.09	11.09	11.09
	-7.5	-8	11.77	11.77	11.77	11.77	11.77
22	-5.5	-6	12.44	12.44	12.44	12.44	12.44
(m³/min)	-3.4	-4	12.88	12.86	12.84	12.72	12.59
	-1.3	-2	13.31	13.28	13.24	12.99	12.73
	0.8	0	14.04	13.84	13.64	13.15	12.66
	3.9	3	15.23	14.69	14.14	13.35	12.55
	7.0	6	16.64	15.56	14.47	13.46	12.44
	10.1	9	16.53	15.47	14.42	13.38	12.34
	13.2	12	16.42	15.37	14.33	13.28	12.23
	16.9	15.5	16.30	15.25	14.20	13.15	12.10

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJG000Z054

Model **FDU224KXZE1** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			18.36	17.63	21.95	19.91	23.74	20.22	25.26	20.44	28.30	22.13	29.38	21.66
	12			18.36	17.63	21.95	19.91	23.74	20.22	25.23	20.38	28.19	22.09	29.25	21.61
	14			18.36	17.63	21.95	19.91	23.74	20.22	25.19	20.37	28.09	22.05	29.13	21.58
	16			18.36	17.63	21.95	19.91	23.74	20.22	25.16	20.36	27.99	22.02	29.00	21.54
	18			18.36	17.63	21.95	19.91	23.74	20.22	25.13	20.35	27.89	21.99	28.87	21.50
P-Hi	20			18.36	17.63	21.95	19.91	23.74	20.22	25.09	20.33	27.79	21.96	28.75	21.46
	22			18.34	17.61	21.94	19.90	23.74	20.22	24.97	20.29	27.43	21.84	28.36	21.20
80	24			18.31	17.58	21.93	19.90	23.74	20.22	24.86	20.25	27.08	21.72	27.96	21.08
(m^3/min)	26			18.29	17.56	21.83	19.86	23.52	20.14	24.57	20.14	26.66	21.45	27.53	20.95
	28	16.58	15.92	18.28	17.55	21.73	19.82	23.30	20.06	24.27	20.04	26.23	21.31	27.10	20.82
	30	16.58	15.92	18.23	17.50	21.56	19.71	23.07	19.97	23.99	19.94	25.83	21.18	26.70	20.70
	32	16.58	15.92	18.19	17.46	21.39	19.65	22.85	19.89	23.71	19.84	25.43	21.04	26.29	20.58
	34	16.58	15.92	18.13	17.40	21.32	19.62	22.55	19.78	23.33	19.71	24.89	20.87	25.75	20.42
	35	16.58	15.92	18.10	17.38	21.28	19.61	22.40	19.72	23.14	19.64	24.62	20.78	25.48	20.34
	36	16.58	15.92	18.08	17.36	21.12	19.55	22.29	19.68	22.92	19.57	24.18	20.64	24.98	20.20
	38	16.58	15.92	18.03	17.31	20.80	19.43	22.06	19.60	22.47	19.36	23.30	20.35	23.99	19.90
	39	16.58	15.92	18.01	17.29	20.64	19.37	21.95	19.52	22.25	19.29	22.85	20.21	23.50	19.76
	41	16.58	15.92	17.95	17.23	20.02	19.13	21.06	19.20	21.32	18.96	21.84	19.89	22.40	19.44
	43	16.58	15.92	17.88	17.16	19.40	18.62	20.16	18.87	20.38	18.64	20.82	19.57	21.30	19.12

Heating mode (kW)

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	14.50	14.50	14.50	14.50	14.50
	-17.8	-18	15.43	15.43	15.43	15.43	15.43
	-15.7	-16	16.37	16.37	16.37	16.37	16.37
	-13.7	-14	17.30	17.30	17.30	17.30	17.30
	-11.7	-12	18.23	18.23	18.23	18.23	18.23
P-Hi	-9.6	-10	19.17	19.17	19.17	19.17	19.17
	-7.5	-8	20.33	20.33	20.33	20.33	20.33
80	-5.5	-6	21.50	21.50	21.50	21.50	21.50
(m^3/min)	-3.4	-4	22.25	22.22	22.19	21.97	21.75
	-1.3	-2	23.00	22.94	22.88	22.44	22.00
	0.8	0	24.25	23.91	23.56	22.72	21.88
	3.9	3	26.31	25.38	24.44	23.06	21.69
	7.0	6	28.75	26.88	25.00	23.25	21.50
	10.1	9	28.56	26.73	24.91	23.11	21.31
	13.2	12	28.38	26.56	24.75	22.94	21.13
	16.9	15.5	28.16	26.34	24.53	22.72	20.91

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			16.56	15.89	19.79	17.93	21.41	18.21	22.78	18.41	25.52	19.93	26.50	19.51
	12			16.56	15.89	19.79	17.93	21.41	18.21	22.75	18.40	25.43	19.90	26.38	19.47
	14			16.56	15.89	19.79	17.93	21.41	18.21	22.72	18.35	25.33	19.86	26.27	19.44
	16			16.56	15.89	19.79	17.93	21.41	18.21	22.69	18.34	25.24	19.84	26.15	19.40
	18			16.56	15.89	19.79	17.93	21.41	18.21	22.66	18.33	25.15	19.81	26.04	19.37
Hi	20			16.56	15.89	19.79	17.93	21.41	18.21	22.63	18.32	25.06	19.78	25.92	19.33
	22			16.53	15.87	19.79	17.93	21.41	18.21	22.52	18.28	24.74	19.67	25.57	19.10
72	24			16.51	15.85	19.78	17.92	21.41	18.21	22.42	18.24	24.42	19.56	25.22	18.99
(m^3/min)	26			16.50	15.84	19.69	17.89	21.21	18.14	22.15	18.14	24.04	19.44	24.83	18.87
	28	14.95	14.35	16.48	15.82	19.59	17.85	21.01	18.06	21.89	18.05	23.65	19.19	24.44	18.76
	30	14.95	14.35	16.44	15.78	19.44	17.76	20.81	17.99	21.63	17.96	23.29	19.07	24.08	18.65
	32	14.95	14.35	16.40	15.74	19.29	17.70	20.60	17.92	21.38	17.87	22.93	18.95	23.71	18.54
	34	14.95	14.35	16.35	15.70	19.22	17.68	20.33	17.81	21.04	17.75	22.45	18.80	23.22	18.39
	35	14.95	14.35	16.32	15.67	19.19	17.66	20.20	17.77	20.87	17.69	22.20	18.72	22.98	18.32
	36	14.95	14.35	16.30	15.65	19.05	17.61	20.10	17.73	20.67	17.62	21.81	18.59	22.53	18.19
	38	14.95	14.35	16.26	15.61	18.76	17.50	19.90	17.66	20.27	17.45	21.01	18.33	21.64	17.93
	39	14.95	14.35	16.24	15.59	18.61	17.44	19.80	17.58	20.07	17.37	20.61	18.20	21.19	17.79
	41	14.95	14.35	16.18	15.53	18.05	17.23	18.99	17.29	19.22	17.08	19.69	17.91	20.20	17.50
	43	14.95	14.35	16.13	15.48	17.50	16.80	18.18	17.00	18.38	16.79	18.78	17.62	19.20	17.22

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	13.05	13.05	13.05	13.05	13.05
	-17.8	-18	13.89	13.89	13.89	13.89	13.89
	-15.7	-16	14.73	14.73	14.73	14.73	14.73
	-13.7	-14	15.57	15.57	15.57	15.57	15.57
	-11.7	-12	16.41	16.41	16.41	16.41	16.41
Hi	-9.6	-10	17.25	17.25	17.25	17.25	17.25
	-7.5	-8	18.30	18.30	18.30	18.30	18.30
72	-5.5	-6	19.35	19.35	19.35	19.35	19.35
(m^3/min)	-3.4	-4	20.03	20.00	19.97	19.77	19.58
	-1.3	-2	20.70	20.64	20.59	20.19	19.80
	0.8	0	21.83	21.52	21.21	20.45	19.69
	3.9	3	23.68	22.84	21.99	20.76	19.52
	7.0	6	25.88	24.19	22.50	20.93	19.35
	10.1	9	25.71	24.06	22.42	20.80	19.18
	13.2	12	25.54	23.91	22.28	20.64	19.01
	16.9	15.5	25.34	23.71	22.08	20.45	18.82

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			14.75	14.14	17.64	15.96	19.08	16.21	20.30	16.38	22.74	17.73	23.61	17.36
	12			14.75	14.14	17.64	15.96	19.08	16.21	20.27	16.37	22.66	17.71	23.51	17.33
	14			14.75	14.14	17.64	15.96	19.08	16.21	20.24	16.36	22.57	17.68	23.41	17.30
	16			14.75	14.14	17.64	15.96	19.08	16.21	20.22	16.35	22.49	17.65	23.30	17.26
	18			14.75	14.14	17.64	15.96	19.08	16.21	20.19	16.31	22.41	17.62	23.20	17.23
Me	20			14.75	14.14	17.64	15.96	19.08	16.21	20.16	16.30	22.33	17.60	23.10	17.20
	22			14.73	14.13	17.63	15.95	19.08	16.21	20.07	16.26	22.05	17.51	22.79	16.99
64	24			14.71	14.12	17.62	15.95	19.08	16.21	19.97	16.23	21.76	17.41	22.47	16.89
(m^3/min)	26			14.70	14.11	17.54	15.91	18.90	16.14	19.74	16.15	21.42	17.30	22.13	16.79
	28	13.32	12.79	14.69	14.10	17.46	15.89	18.72	16.07	19.51	16.07	21.08	17.08	21.78	16.69
	30	13.32	12.79	14.65	14.06	17.33	15.84	18.54	16.01	19.28	15.98	20.75	16.97	21.45	16.59
	32	13.32	12.79	14.62	14.04	17.19	15.75	18.36	15.94	19.05	15.90	20.43	16.86	21.13	16.49
	34	13.32	12.79	14.57	13.99	17.13	15.73	18.12	15.85	18.75	15.80	20.00	16.72	20.69	16.36
	35	13.32	12.79	14.54	13.96	17.10	15.72	18.00	15.81	18.60	15.75	19.79	16.66	20.47	16.30
	36	13.32	12.79	14.53	13.95	16.97	15.67	17.91	15.78	18.42	15.68	19.43	16.54	20.08	16.18
	38	13.32	12.79	14.49	13.91	16.71	15.57	17.73	15.71	18.06	15.55	18.72	16.31	19.28	15.95
	39	13.32	12.79	14.47	13.89	16.58	15.52	17.64	15.65	17.88	15.46	18.36	16.20	18.88	15.83
	41	13.32	12.79	14.42	13.84	16.09	15.34	16.92	15.38	17.13	15.20	17.55	15.94	18.00	15.57
	43	13.32	12.79	14.37	13.80	15.59	14.97	16.20	15.12	16.38	14.94	16.73	15.68	17.11	15.32

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	11.60	11.60	11.60	11.60	11.60
	-17.8	-18	12.35	12.35	12.35	12.35	12.35
	-15.7	-16	13.09	13.09	13.09	13.09	13.09
	-13.7	-14	13.84	13.84	13.84	13.84	13.84
	-11.7	-12	14.59	14.59	14.59	14.59	14.59
Me	-9.6	-10	15.33	15.33	15.33	15.33	15.33
	-7.5	-8	16.27	16.27	16.27	16.27	16.27
64	-5.5	-6	17.20	17.20	17.20	17.20	17.20
(m^3/min)	-3.4	-4	17.80	17.78	17.75	17.58	17.40
	-1.3	-2	18.40	18.35	18.30	17.95	17.60
	0.8	0	19.40	19.13	18.85	18.18	17.50
	3.9	3	21.05	20.30	19.55	18.45	17.35
	7.0	6	23.00	21.50	20.00	18.60	17.20
	10.1	9	22.85	21.39	19.93	18.49	17.05
	13.2	12	22.70	21.25	19.80	18.35	16.90
	16.9	15.5	22.53	21.08	19.63	18.18	16.73

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			12.87	12.36	15.38	13.94	16.64	14.16	17.71	14.32	19.83	15.50	20.59	15.17
	12			12.87	12.36	15.38	13.94	16.64	14.16	17.68	14.27	19.76	15.47	20.50	15.14
	14			12.87	12.36	15.38	13.94	16.64	14.16	17.66	14.27	19.69	15.45	20.42	15.12
	16			12.87	12.36	15.38	13.94	16.64	14.16	17.63	14.26	19.62	15.43	20.33	15.09
	18			12.87	12.36	15.38	13.94	16.64	14.16	17.61	14.25	19.55	15.40	20.24	15.06
Lo	20			12.87	12.36	15.38	13.94	16.64	14.16	17.59	14.24	19.47	15.38	20.15	15.03
	22			12.85	12.34	15.38	13.94	16.64	14.16	17.50	14.21	19.23	15.30	19.87	14.85
56	24			12.83	12.32	15.37	13.94	16.64	14.16	17.42	14.18	18.98	15.22	19.60	14.77
(m^3/min)	26			12.82	12.31	15.30	13.91	16.49	14.11	17.22	14.11	18.68	15.02	19.30	14.68
	28	11.62	11.16	12.81	12.30	15.23	13.88	16.33	14.05	17.01	14.04	18.38	14.92	19.00	14.58
	30	11.62	11.16	12.78	12.27	15.11	13.81	16.17	13.99	16.81	13.96	18.10	14.83	18.71	14.50
	32	11.62	11.16	12.75	12.24	14.99	13.76	16.01	13.93	16.62	13.90	17.82	14.74	18.43	14.42
	34	11.62	11.16	12.71	12.20	14.94	13.74	15.80	13.85	16.35	13.80	17.45	14.62	18.05	14.30
	35	11.62	11.16	12.69	12.18	14.92	13.74	15.70	13.82	16.22	13.76	17.26	14.56	17.86	14.24
	36	11.62	11.16	12.67	12.16	14.80	13.69	15.62	13.78	16.06	13.70	16.95	14.46	17.51	14.14
	38	11.62	11.16	12.64	12.13	14.58	13.61	15.46	13.73	15.75	13.56	16.33	14.25	16.82	13.94
	39	11.62	11.16	12.62	12.12	14.47	13.57	15.39	13.67	15.60	13.51	16.02	14.16	16.47	13.83
	41	11.62	11.16	12.58	12.08	14.03	13.40	14.76	13.44	14.94	13.28	15.31	13.93	15.70	13.61
	43	11.62	11.16	12.53	12.03	13.60	13.06	14.13	13.21	14.29	13.05	14.60	13.71	14.93	13.39

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	10.15	10.15	10.15	10.15	10.15
	-17.8	-18	10.80	10.80	10.80	10.80	10.80
	-15.7	-16	11.46	11.46	11.46	11.46	11.46
	-13.7	-14	12.11	12.11	12.11	12.11	12.11
	-11.7	-12	12.76	12.76	12.76	12.76	12.76
Lo	-9.6	-10	13.42	13.42	13.42	13.42	13.42
	-7.5	-8	14.23	14.23	14.23	14.23	14.23
56	-5.5	-6	15.05	15.05	15.05	15.05	15.05
(m^3/min)	-3.4	-4	15.58	15.55	15.53	15.38	15.23
	-1.3	-2	16.10	16.06	16.01	15.71	15.40
	0.8	0	16.98	16.73	16.49	15.90	15.31
	3.9	3	18.42	17.76	17.11	16.14	15.18
	7.0	6	20.13	18.81	17.50	16.28	15.05
	10.1	9	19.99	18.71	17.43	16.18	14.92
	13.2	12	19.86	18.59	17.33	16.06	14.79
	16.9	15.5	19.71	18.44	17.17	15.90	14.63

Notes (1) These data show average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity (kW)
SHC :Sensible heat capacity (kW)

PJG000Z303

Model **FDU280KXZE1** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			22.95	19.57	27.44	22.09	29.68	22.51	31.58	22.83	35.37	24.71	36.73	24.08
	12			22.95	19.57	27.44	22.09	29.68	22.51	31.53	22.81	35.24	24.66	36.57	24.03
	14			22.95	19.57	27.44	22.09	29.68	22.51	31.49	22.80	35.12	24.62	36.41	23.98
	16			22.95	19.57	27.44	22.09	29.68	22.51	31.45	22.78	34.99	24.53	36.25	23.93
	18			22.95	19.57	27.44	22.09	29.68	22.51	31.41	22.77	34.86	24.49	36.09	23.88
P-Hi	20			22.95	19.57	27.44	22.09	29.68	22.51	31.36	22.75	34.73	24.44	35.93	23.83
	22			22.92	19.55	27.43	22.08	29.68	22.51	31.22	22.61	34.29	24.29	35.44	23.67
80	24			22.89	19.54	27.42	22.08	29.68	22.51	31.07	22.56	33.85	24.14	34.95	23.52
(m^3/min)	26			22.87	19.54	27.29	22.02	29.40	22.40	30.71	22.42	33.32	23.96	34.42	23.30
	28	20.72	19.34	22.85	19.53	27.16	21.97	29.12	22.29	30.34	22.28	32.78	23.73	33.88	23.13
	30	20.72	19.34	22.79	19.50	26.95	21.89	28.84	22.18	29.99	22.16	32.29	23.56	33.37	22.98
	32	20.72	19.34	22.74	19.48	26.74	21.81	28.56	22.07	29.64	22.03	31.79	23.39	32.87	22.82
	34	20.72	19.34	22.66	19.45	26.65	21.77	28.19	21.93	29.16	21.85	31.11	23.11	32.19	22.56
	35	20.72	19.34	22.62	19.43	26.60	21.75	28.00	21.86	28.93	21.76	30.78	23.00	31.85	22.46
	36	20.72	19.34	22.60	19.42	26.40	21.67	27.86	21.81	28.65	21.66	30.23	22.82	31.23	22.27
	38	20.72	19.34	22.54	19.40	26.00	21.51	27.58	21.70	28.09	21.45	29.12	22.44	29.99	21.84
	39	20.72	19.34	22.51	19.38	25.80	21.43	27.44	21.65	27.82	21.36	28.57	22.21	29.37	21.65
	41	20.72	19.34	22.43	19.35	25.02	21.13	26.32	21.22	26.65	20.94	27.30	21.79	28.00	21.09
	43	20.72	19.34	22.35	19.32	24.25	20.83	25.20	20.80	25.48	20.51	26.03	21.24	26.62	20.68

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	18.27	18.27	18.27	18.27	18.27
	-17.8	-18	19.45	19.45	19.45	19.45	19.45
	-15.7	-16	20.62	20.62	20.62	20.62	20.62
	-13.7	-14	21.80	21.80	21.80	21.80	21.80
	-11.7	-12	22.97	22.97	22.97	22.97	22.97
P-Hi	-9.6	-10	24.15	24.15	24.15	24.15	24.15
	-7.5	-8	25.62	25.62	25.62	25.62	25.62
80	-5.5	-6	27.09	27.09	27.09	27.09	27.09
(m^3/min)	-3.4	-4	28.04	28.00	27.96	27.68	27.41
	-1.3	-2	28.98	28.90	28.82	28.27	27.72
	0.8	0	30.56	30.12	29.69	28.63	27.56
	3.9	3	33.15	31.97	30.79	29.06	27.33
	7.0	6	36.23	33.86	31.50	29.30	27.09
	10.1	9	35.99	33.69	31.38	29.12	26.85
	13.2	12	35.75	33.47	31.19	28.90	26.62
	16.9	15.5	35.48	33.19	30.91	28.63	26.34

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			20.66	17.62	24.69	19.87	26.71	20.25	28.42	20.54	31.83	22.24	33.05	21.67
	12			20.66	17.62	24.69	19.87	26.71	20.25	28.38	20.53	31.72	22.20	32.91	21.63
	14			20.66	17.62	24.69	19.87	26.71	20.25	28.34	20.52	31.60	22.16	32.77	21.58
	16			20.66	17.62	24.69	19.87	26.71	20.25	28.30	20.50	31.49	22.08	32.63	21.54
	18			20.66	17.62	24.69	19.87	26.71	20.25	28.27	20.49	31.37	22.04	32.48	21.49
Hi	20			20.66	17.62	24.69	19.87	26.71	20.25	28.23	20.47	31.26	22.00	32.34	21.44
	22			20.63	17.60	24.68	19.87	26.71	20.25	28.10	20.35	30.86	21.86	31.90	21.30
72	24			20.60	17.59	24.67	19.86	26.71	20.25	27.96	20.30	30.47	21.73	31.46	21.16
(m^3/min)	26			20.58	17.58	24.56	19.82	26.46	20.16	27.64	20.18	29.99	21.56	30.98	20.98
	28	18.65	17.41	20.56	17.57	24.44	19.77	26.21	20.06	27.31	20.06	29.51	21.36	30.49	20.82
	30	18.65	17.41	20.51	17.55	24.26	19.70	25.96	19.96	26.99	19.94	29.06	21.20	30.04	20.68
	32	18.65	17.41	20.46	17.53	24.07	19.63	25.70	19.86	26.67	19.82	28.61	21.05	29.58	20.53
	34	18.65	17.41	20.40	17.51	23.98	19.59	25.37	19.74	26.25	19.67	28.00	20.80	28.97	20.31
	35	18.65	17.41	20.36	17.49	23.94	19.58	25.20	19.67	26.03	19.58	27.70	20.70	28.66	20.21
	36	18.65	17.41	20.34	17.48	23.76	19.51	25.07	19.62	25.78	19.49	27.20	20.53	28.11	20.04
	38	18.65	17.41	20.29	17.46	23.40	19.36	24.82	19.53	25.28	19.31	26.21	20.20	26.99	19.65
	39	18.65	17.41	20.26	17.45	23.22	19.29	24.70	19.48	25.03	19.22	25.71	19.99	26.44	19.49
	41	18.65	17.41	20.19	17.42	22.52	19.02	23.69	19.10	23.98	18.84	24.57	19.61	25.20	18.99
	43	18.65	17.41	20.12	17.39	21.83	18.75	22.68	18.72	22.93	18.46	23.43	19.12	23.96	18.61

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	16.47	16.47	16.47	16.47	16.47
	-17.8	-18	17.53	17.53	17.53	17.53	17.53
	-15.7	-16	18.59	18.59	18.59	18.59	18.59
	-13.7	-14	19.65	19.65	19.65	19.65	19.65
	-11.7	-12	20.71	20.71	20.71	20.71	20.71
Hi	-9.6	-10	21.77	21.77	21.77	21.77	21.77
	-7.5	-8	23.10	23.10	23.10	23.10	23.10
72	-5.5	-6	24.42	24.42	24.42	24.42	24.42
(m^3/min)	-3.4	-4	25.28	25.24	25.21	24.96	24.71
	-1.3	-2	26.13	26.06	25.99	25.49	24.99
	0.8	0	27.55	27.16	26.77	25.81	24.85
	3.9	3	29.89	28.83	27.76	26.20	24.64
	7.0	6	32.66	30.53	28.40	26.41	24.42
	10.1	9	32.45	30.37	28.29	26.25	24.21
	13.2	12	32.23	30.18	28.12	26.06	24.00
	16.9	15.5	31.99	29.93	27.87	25.81	23.75

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			18.36	15.65	21.95	17.67	23.74	18.01	25.26	18.26	28.30	19.77	29.38	19.26
	12			18.36	15.65	21.95	17.67	23.74	18.01	25.23	18.25	28.19	19.73	29.25	19.22
	14			18.36	15.65	21.95	17.67	23.74	18.01	25.19	18.24	28.09	19.70	29.13	19.18
	16			18.36	15.65	21.95	17.67	23.74	18.01	25.16	18.23	27.99	19.63	29.00	19.14
	18			18.36	15.65	21.95	17.67	23.74	18.01	25.13	18.21	27.89	19.59	28.87	19.10
Me	20			18.36	15.65	21.95	17.67	23.74	18.01	25.09	18.20	27.79	19.56	28.75	19.07
	22			18.34	15.65	21.94	17.66	23.74	18.01	24.97	18.09	27.43	19.43	28.36	18.94
64	24			18.31	15.64	21.93	17.66	23.74	18.01	24.86	18.05	27.08	19.31	27.96	18.81
(m^3/min)	26			18.29	15.63	21.83	17.62	23.52	17.92	24.57	17.94	26.66	19.16	27.53	18.64
	28	16.58	15.47	18.28	15.62	21.73	17.58	23.30	17.83	24.27	17.83	26.23	18.98	27.10	18.51
	30	16.58	15.47	18.23	15.60	21.56	17.51	23.07	17.74	23.99	17.72	25.83	18.85	26.70	18.38
	32	16.58	15.47	18.19	15.58	21.39	17.44	22.85	17.66	23.71	17.62	25.43	18.71	26.29	18.25
	34	16.58	15.47	18.13	15.56	21.32	17.41	22.55	17.54	23.33	17.48	24.89	18.49	25.75	18.05
	35	16.58	15.47	18.10	15.55	21.28	17.40	22.40	17.49	23.14	17.41	24.62	18.40	25.48	17.97
	36	16.58	15.47	18.08	15.54	21.12	17.34	22.29	17.44	22.92	17.33	24.18	18.25	24.98	17.81
	38	16.58	15.47	18.03	15.52	20.80	17.21	22.06	17.36	22.47	17.16	23.30	17.96	23.99	17.47
	39	16.58	15.47	18.01	15.51	20.64	17.15	21.95	17.32	22.25	17.08	22.85	17.77	23.50	17.32
	41	16.58	15.47	17.95	15.48	20.02	16.90	21.06	16.98	21.32	16.75	21.84	17.43	22.40	16.88
	43	16.58	15.47	17.88	15.45	19.40	16.66	20.16	16.64	20.38	16.41	20.82	16.99	21.30	16.54

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	14.62	14.62	14.62	14.62	14.62
	-17.8	-18	15.56	15.56	15.56	15.56	15.56
	-15.7	-16	16.50	16.50	16.50	16.50	16.50
	-13.7	-14	17.44	17.44	17.44	17.44	17.44
	-11.7	-12	18.38	18.38	18.38	18.38	18.38
Me	-9.6	-10	19.32	19.32	19.32	19.32	19.32
	-7.5	-8	20.50	20.50	20.50	20.50	20.50
64	-5.5	-6	21.67	21.67	21.67	21.67	21.67
(m^3/min)	-3.4	-4	22.43	22.40	22.37	22.14	21.92
	-1.3	-2	23.18	23.12	23.06	22.62	22.18
	0.8	0	24.44	24.10	23.75	22.90	22.05
	3.9	3	26.52	25.58	24.63	23.25	21.86
	7.0	6	28.98	27.09	25.20	23.44	21.67
	10.1	9	28.79	26.95	25.11	23.29	21.48
	13.2	12	28.60	26.78	24.95	23.12	21.29
	16.9	15.5	28.38	26.55	24.73	22.90	21.07

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			16.07	13.70	19.21	15.46	20.78	15.76	22.10	15.98	24.76	17.30	25.71	16.86
	12			16.07	13.70	19.21	15.46	20.78	15.76	22.07	15.97	24.67	17.26	25.60	16.82
	14			16.07	13.70	19.21	15.46	20.78	15.76	22.04	15.96	24.58	17.23	25.49	16.79
	16			16.07	13.70	19.21	15.46	20.78	15.76	22.01	15.95	24.49	17.17	25.38	16.75
	18			16.07	13.70	19.21	15.46	20.78	15.76	21.98	15.93	24.40	17.14	25.27	16.72
Lo	20			16.07	13.70	19.21	15.46	20.78	15.76	21.95	15.92	24.31	17.11	25.15	16.68
	22			16.04	13.69	19.20	15.46	20.78	15.76	21.85	15.83	24.00	17.00	24.81	16.57
56	24			16.02	13.68	19.19	15.45	20.78	15.76	21.75	15.79	23.70	16.90	24.47	16.46
(m^3/min)	26			16.01	13.68	19.10	15.41	20.58	15.68	21.49	15.69	23.32	16.77	24.09	16.31
	28	14.50	13.54	15.99	13.67	19.01	15.38	20.38	15.60	21.24	15.60	22.95	16.61	23.72	16.20
	30	14.50	13.54	15.95	13.65	18.87	15.32	20.19	15.53	20.99	15.51	22.60	16.49	23.36	16.08
	32	14.50	13.54	15.92	13.64	18.72	15.26	19.99	15.45	20.74	15.41	22.25	16.37	23.01	15.97
	34	14.50	13.54	15.86	13.61	18.65	15.24	19.73	15.35	20.41	15.29	21.78	16.18	22.53	15.79
	35	14.50	13.54	15.84	13.60	18.62	15.23	19.60	15.30	20.25	15.23	21.54	16.10	22.29	15.72
	36	14.50	13.54	15.82	13.59	18.48	15.17	19.50	15.26	20.05	15.16	21.16	15.97	21.86	15.59
	38	14.50	13.54	15.78	13.58	18.20	15.06	19.31	15.19	19.67	15.02	20.38	15.71	21.00	15.29
	39	14.50	13.54	15.76	13.57	18.06	15.00	19.21	15.15	19.47	14.95	20.00	15.55	20.56	15.16
	41	14.50	13.54	15.70	13.55	17.52	14.79	18.42	14.85	18.65	14.65	19.11	15.25	19.60	14.77
	43	14.50	13.54	15.65	13.52	16.98	14.58	17.64	14.56	17.83	14.36	18.22	14.87	18.63	14.47

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	12.82	12.82	12.82	12.82	12.82
	-17.8	-18	13.64	13.64	13.64	13.64	13.64
	-15.7	-16	14.47	14.47	14.47	14.47	14.47
	-13.7	-14	15.29	15.29	15.29	15.29	15.29
	-11.7	-12	16.12	16.12	16.12	16.12	16.12
Lo	-9.6	-10	16.94	16.94	16.94	16.94	16.94
	-7.5	-8	17.97	17.97	17.97	17.97	17.97
56	-5.5	-6	19.01	19.01	19.01	19.01	19.01
(m^3/min)	-3.4	-4	19.67	19.64	19.61	19.42	19.23
	-1.3	-2	20.33	20.28	20.22	19.83	19.45
	0.8	0	21.44	21.13	20.83	20.08	19.34
	3.9	3	23.26	22.43	21.60	20.39	19.17
	7.0	6	25.42	23.76	22.10	20.55	19.01
	10.1	9	25.25	23.63	22.02	20.43	18.84
	13.2	12	25.08	23.48	21.88	20.28	18.67
	16.9	15.5	24.89	23.29	21.69	20.08	18.48

Notes (1) These data show average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity (kW)
SHC :Sensible heat capacity (kW)

PJG000Z303

(6) Duct connected-Low/Middle static pressure type (FDUM)

Model **FDUM22KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi 13 (m³/min)	10			1.80	1.73	2.16	2.07	2.33	2.24	2.48	2.38	2.78	2.67	2.89	2.77
	12			1.80	1.73	2.16	2.07	2.33	2.24	2.48	2.38	2.77	2.66	2.87	2.76
	14			1.80	1.73	2.16	2.07	2.33	2.24	2.47	2.37	2.76	2.65	2.86	2.75
	16			1.80	1.73	2.16	2.07	2.33	2.24	2.47	2.37	2.75	2.64	2.85	2.74
	18			1.80	1.73	2.16	2.07	2.33	2.24	2.47	2.37	2.74	2.63	2.84	2.73
	20			1.80	1.73	2.16	2.07	2.33	2.24	2.46	2.36	2.73	2.62	2.82	2.71
	22			1.80	1.73	2.15	2.06	2.33	2.24	2.45	2.35	2.69	2.58	2.78	2.67
	24			1.80	1.73	2.15	2.06	2.33	2.24	2.44	2.34	2.66	2.55	2.75	2.64
	26			1.80	1.73	2.14	2.05	2.31	2.22	2.41	2.31	2.62	2.52	2.70	2.59
	28	1.63	1.56	1.80	1.73	2.13	2.04	2.29	2.20	2.38	2.28	2.58	2.48	2.66	2.55
	30	1.63	1.56	1.79	1.72	2.12	2.04	2.27	2.18	2.36	2.27	2.54	2.44	2.62	2.52
	32	1.63	1.56	1.79	1.72	2.10	2.02	2.24	2.15	2.33	2.24	2.50	2.40	2.58	2.48
	34	1.63	1.56	1.78	1.71	2.09	2.01	2.21	2.12	2.29	2.20	2.44	2.34	2.53	2.43
	35	1.63	1.56	1.78	1.71	2.09	2.01	2.20	2.11	2.27	2.18	2.42	2.32	2.50	2.40
	36	1.63	1.56	1.78	1.71	2.07	1.99	2.19	2.10	2.25	2.16	2.37	2.28	2.45	2.35
	38	1.63	1.56	1.77	1.70	2.04	1.96	2.17	2.08	2.21	2.12	2.29	2.20	2.36	2.27
	39	1.63	1.56	1.77	1.70	2.03	1.95	2.16	2.07	2.19	2.10	2.24	2.15	2.31	2.22
	41	1.63	1.56	1.76	1.69	1.97	1.89	2.07	1.99	2.09	2.01	2.14	2.05	2.20	2.11
	43	1.63	1.56	1.76	1.69	1.91	1.83	1.98	1.90	2.00	1.92	2.05	1.97	2.09	2.01

Heating mode (kW)

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
P-Hi 13 (m³/min)	-19.8	-20	1.45	1.45	1.45	1.45	1.45
	-17.8	-18	1.54	1.54	1.54	1.54	1.54
	-15.7	-16	1.64	1.64	1.64	1.64	1.64
	-13.7	-14	1.73	1.73	1.73	1.73	1.73
	-11.7	-12	1.82	1.82	1.82	1.82	1.82
	-9.6	-10	1.92	1.92	1.92	1.92	1.92
	-7.5	-8	2.03	2.03	2.03	2.03	2.03
	-5.5	-6	2.15	2.15	2.15	2.15	2.15
	-3.4	-4	2.23	2.22	2.22	2.20	2.18
	-1.3	-2	2.30	2.29	2.29	2.24	2.20
	0.8	0	2.43	2.39	2.36	2.27	2.19
	3.9	3	2.63	2.54	2.44	2.31	2.17
	7.0	6	2.88	2.69	2.50	2.33	2.15
	10.1	9	2.86	2.67	2.49	2.31	2.13
	13.2	12	2.84	2.66	2.48	2.29	2.11
	16.9	15.5	2.82	2.63	2.45	2.27	2.09

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi 10 (m³/min)	10			1.78	1.71	2.13	2.04	2.30	2.21	2.45	2.35	2.74	2.58	2.85	2.54
	12			1.78	1.71	2.13	2.04	2.30	2.21	2.44	2.34	2.73	2.58	2.83	2.53
	14			1.78	1.71	2.13	2.04	2.30	2.21	2.44	2.34	2.72	2.58	2.82	2.53
	16			1.78	1.71	2.13	2.04	2.30	2.21	2.44	2.34	2.71	2.57	2.81	2.52
	18			1.78	1.71	2.13	2.04	2.30	2.21	2.43	2.33	2.70	2.57	2.80	2.52
	20			1.78	1.71	2.13	2.04	2.30	2.21	2.43	2.33	2.69	2.57	2.78	2.52
	22			1.78	1.71	2.13	2.04	2.30	2.21	2.42	2.32	2.66	2.55	2.75	2.51
	24			1.77	1.70	2.12	2.04	2.30	2.21	2.41	2.31	2.62	2.52	2.71	2.49
	26			1.77	1.70	2.11	2.03	2.28	2.19	2.38	2.28	2.58	2.48	2.67	2.48
	28	1.61	1.55	1.77	1.70	2.10	2.02	2.26	2.17	2.35	2.26	2.54	2.44	2.63	2.47
	30	1.61	1.55	1.77	1.70	2.09	2.01	2.24	2.15	2.32	2.23	2.50	2.40	2.59	2.46
	32	1.61	1.55	1.76	1.69	2.07	1.99	2.21	2.12	2.30	2.21	2.46	2.36	2.55	2.45
	34	1.61	1.55	1.76	1.69	2.07	1.99	2.18	2.09	2.26	2.17	2.41	2.31	2.49	2.39
	35	1.61	1.55	1.75	1.68	2.06	1.98	2.17	2.08	2.24	2.15	2.39	2.29	2.47	2.37
	36	1.61	1.55	1.75	1.68	2.05	1.97	2.16	2.07	2.22	2.13	2.34	2.25	2.42	2.32
	38	1.61	1.55	1.75	1.68	2.01	1.93	2.14	2.05	2.18	2.09	2.26	2.17	2.32	2.23
	39	1.61	1.55	1.74	1.67	2.00	1.92	2.13	2.04	2.16	2.07	2.21	2.12	2.28	2.19
	41	1.61	1.55	1.74	1.67	1.94	1.86	2.04	1.96	2.07	1.99	2.12	2.04	2.17	2.08
	43	1.61	1.55	1.73	1.66	1.88	1.80	1.95	1.87	1.97	1.89	2.02	1.94	2.06	1.98

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
Hi 10 (m³/min)	-19.8	-20	1.43	1.43	1.43	1.43	1.43
	-17.8	-18	1.52	1.52	1.52	1.52	1.52
	-15.7	-16	1.61	1.61	1.61	1.61	1.61
	-13.7	-14	1.70	1.70	1.70	1.70	1.70
	-11.7	-12	1.79	1.79	1.79	1.79	1.79
	-9.6	-10	1.89	1.89	1.89	1.89	1.89
	-7.5	-8	2.00	2.00	2.00	2.00	2.00
	-5.5	-6	2.12	2.12	2.12	2.12	2.12
	-3.4	-4	2.19	2.19	2.18	2.16	2.14
	-1.3	-2	2.26	2.26	2.25	2.21	2.16
	0.8	0	2.39	2.35	2.32	2.24	2.15
	3.9	3	2.59	2.50	2.40	2.27	2.13
	7.0	6	2.83	2.64	2.46	2.29	2.12
	10.1	9	2.81	2.63	2.45	2.27	2.10
	13.2	12	2.79	2.61	2.44	2.26	2.08
	16.9	15.5	2.77	2.59	2.41	2.24	2.06

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me 9 (m³/min)	10			1.70	1.63	2.04	1.96	2.20	2.11	2.35	2.20	2.63	2.38	2.73	2.33
	12			1.70	1.63	2.04	1.96	2.20	2.11	2.34	2.19	2.62	2.38	2.72	2.33
	14			1.70	1.63	2.04	1.96	2.20	2.11	2.34	2.19	2.61	2.37	2.70	2.32
	16			1.70	1.63	2.04	1.96	2.20	2.11	2.34	2.19	2.60	2.37	2.69	2.32
	18			1.70	1.63	2.04	1.96	2.20	2.11	2.33	2.19	2.59	2.37	2.68	2.32
	20			1.70	1.63	2.04	1.96	2.20	2.11	2.33	2.19	2.58	2.36	2.67	2.31
	22			1.70	1.63	2.04	1.96	2.20	2.11	2.32	2.19	2.55	2.35	2.63	2.30
	24			1.70	1.63	2.04	1.96	2.20	2.11	2.31	2.18	2.51	2.34	2.60	2.29
	26			1.70	1.63	2.03	1.95	2.18	2.09	2.28	2.17	2.48	2.33	2.56	2.28
	28	1.54	1.48	1.70	1.63	2.02	1.94	2.16	2.07	2.25	2.16	2.44	2.32	2.52	2.27
	30	1.54	1.48	1.69	1.62	2.00	1.92	2.14	2.05	2.23	2.14	2.40	2.30	2.48	2.26
	32	1.54	1.48	1.69	1.62	1.99	1.91	2.12	2.04	2.20	2.11	2.36	2.27	2.44	2.25
	34	1.54	1.48	1.68	1.61	1.98	1.90	2.09	2.01	2.17	2.08	2.31	2.22	2.39	2.23
	35	1.54	1.48	1.68	1.61	1.98	1.90	2.08	2.00	2.15	2.06	2.29	2.20	2.37	2.22
	36	1.54	1.48	1.68	1.61	1.96	1.88	2.07	1.99	2.13	2.04	2.25	2.16	2.32	2.21
	38	1.54	1.48	1.67	1.60	1.93	1.85	2.05	1.97	2.09	2.01	2.16	2.07	2.23	2.14
	39	1.54	1.48	1.67	1.60	1.92	1.84	2.04	1.96	2.07	1.99	2.12	2.04	2.18	2.09
	41	1.54	1.48	1.67	1.60	1.86	1.79	1.96	1.88	1.98	1.90	2.03	1.95	2.08	2.00
	43	1.54	1.48	1.66	1.59	1.80	1.73	1.87	1.80	1.89	1.81	1.93	1.85	1.98	1.90

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
Me 9 (m³/min)	-19.8	-20	1.36	1.36	1.36	1.36	1.36
	-17.8	-18	1.45	1.45	1.45	1.45	1.45
	-15.7	-16	1.54	1.54	1.54	1.54	1.54
	-13.7	-14	1.63	1.63	1.63	1.63	1.63
	-11.7	-12	1.71	1.71	1.71	1.71	1.71
	-9.6	-10	1.80	1.80	1.80	1.80	1.80
	-7.5	-8	1.91	1.91	1.91	1.91	1.91
	-5.5	-6	2.02	2.02	2.02	2.02	2.02
	-3.4	-4	2.09	2.09	2.09	2.07	2.04
	-1.3	-2	2.16	2.16	2.15	2.11	2.07
	0.8	0	2.28	2.25	2.21	2.14	2.06
	3.9	3	2.47	2.39	2.30	2.17	2.04
	7.0	6	2.70	2.53	2.35	2.19	2.02
	10.1	9	2.68	2.51	2.34	2.17	2.00
	13.2	12	2.67	2.50	2.33	2.16	1.99
	16.9	15.5	2.65	2.48	2.31	2.14	1.97

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Lo 8 (m³/min)	10			1.59	1.53	1.90	1.82	2.06	1.97	2.19	1.99	2.45	2.15	2.54	2.11
	12			1.59	1.53	1.90	1.82	2.06	1.97	2.18	1.98	2.44	2.15	2.53	2.10
	14			1.59	1.53	1.90	1.82	2.06	1.97	2.18	1.98	2.43	2.14	2.52	2.10
	16			1.59	1.53	1.90	1.82	2.06	1.97	2.18	1.98	2.42	2.14	2.51	2.10
	18			1.59	1.53	1.90	1.82	2.06	1.97	2.18	1.98	2.42	2.14	2.50	2.10
	20			1.59	1.53	1.90	1.82	2.06	1.97	2.17	1.98	2.41	2.14	2.49	2.09
	22			1.59	1.53	1.90	1.82	2.06	1.97	2.16	1.98	2.38	2.13	2.46	2.08
	24			1.59	1.53	1.90	1.82	2.06	1.97	2.15	1.97	2.35	2.12	2.42	2.07
	26			1.58	1.52	1.89	1.81	2.04	1.96	2.13	1.97	2.31	2.11	2.38	2.06
	28	1.44	1.38	1.58	1.52	1.88	1.80	2.02	1.94	2.10	1.96	2.27	2.09	2.35	2.05
	30	1.44	1.38	1.58	1.52	1.87	1.80	2.00	1.92	2.08	1.95	2.24	2.08	2.31	2.04
	32	1.44	1.38	1.58	1.52	1.85	1.78	1.98	1.90	2.05	1.94	2.20	2.07	2.28	2.03
	34	1.44	1.38	1.57	1.51	1.85	1.78	1.95	1.87	2.02	1.93	2.16	2.06	2.23	2.01
	35	1.44	1.38	1.57	1.51	1.84	1.77	1.94	1.86	2.00	1.92	2.13	2.04	2.21	2.01
	36	1.44	1.38	1.57	1.51	1.83	1.76	1.93	1.85	1.98	1.90	2.09	2.01	2.16	1.99
	38	1.44	1.38	1.56	1.50	1.80	1.73	1.91	1.83	1.95	1.87	2.02	1.94	2.08	1.97
	39	1.44	1.38	1.56	1.50	1.79	1.72	1.90	1.82	1.93	1.85	1.98	1.90	2.04	1.96
	41	1.44	1.38	1.55	1.49	1.73	1.66	1.82	1.75	1.85	1.78	1.89	1.81	1.94	1.86
	43	1.44	1.38	1.55	1.49	1.68	1.61	1.75	1.68	1.77	1.70	1.80	1.73	1.84	1.77

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
Lo 8 (m³/min)	-19.8	-20	1.26	1.26	1.26	1.26	1.26
	-17.8	-18	1.35	1.35	1.35	1.35	1.35
	-15.7	-16	1.43	1.43	1.43	1.43	1.43
	-13.7	-14	1.51	1.51	1.51	1.51	1.51
	-11.7	-12	1.59	1.59	1.59	1.59	1.59
	-9.6	-10	1.67	1.67	1.67	1.67	1.67
	-7.5	-8	1.77	1.77	1.77	1.77	1.77
	-5.5	-6	1.87	1.87	1.87	1.87	1.87
	-3.4	-4	1.94	1.94	1.93	1.92	1.90
	-1.3	-2	2.01	2.00	1.99	1.96	1.92
	0.8	0	2.11	2.08	2.05	1.98	1.91
	3.9	3	2.29	2.21	2.13	2.01	1.89
	7.0	6	2.51	2.34	2.18	2.03	1.87
	10.1	9	2.49	2.33	2.17	2.02	1.86
	13.2	12	2.47	2.32	2.16	2.00	1.84
	16.9	15.5	2.46	2.30	2.14	1.98	1.82

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJG000Z022

Model **FDUM28KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21°CDB 14°CWB TC	21°CDB 14°CWB SHC	23°CDB 16°CWB TC	23°CDB 16°CWB SHC	26°CDB 18°CWB TC	26°CDB 18°CWB SHC	27°CDB 19°CWB TC	27°CDB 19°CWB SHC	28°CDB 20°CWB TC	28°CDB 20°CWB SHC	31°CDB 22°CWB TC	31°CDB 22°CWB SHC	33°CDB 24°CWB TC	33°CDB 24°CWB SHC
	10			2.30	2.21	2.74	2.63	2.97	2.85	3.16	3.03	3.54	3.35	3.67	3.29
	12			2.30	2.21	2.74	2.63	2.97	2.85	3.15	3.02	3.52	3.34	3.66	3.28
	14			2.30	2.21	2.74	2.63	2.97	2.85	3.15	3.02	3.51	3.34	3.64	3.28
	16			2.30	2.21	2.74	2.63	2.97	2.85	3.14	3.01	3.50	3.34	3.63	3.27
	18			2.30	2.21	2.74	2.63	2.97	2.85	3.14	3.01	3.49	3.33	3.61	3.27
P-Hi	20			2.30	2.21	2.74	2.63	2.97	2.85	3.14	3.01	3.47	3.33	3.59	3.26
	22			2.29	2.20	2.74	2.63	2.97	2.85	3.12	3.00	3.43	3.29	3.54	3.25
13	24			2.29	2.20	2.74	2.63	2.97	2.85	3.11	2.99	3.39	3.25	3.50	3.24
(m³/min)	26			2.29	2.20	2.73	2.62	2.94	2.82	3.07	2.95	3.33	3.20	3.44	3.22
	28	2.07	1.99	2.28	2.19	2.72	2.61	2.91	2.79	3.03	2.91	3.28	3.15	3.39	3.20
	30	2.07	1.99	2.28	2.19	2.70	2.59	2.88	2.76	3.00	2.88	3.23	3.10	3.34	3.19
	32	2.07	1.99	2.27	2.18	2.67	2.56	2.86	2.75	2.96	2.84	3.18	3.05	3.29	3.16
	34	2.07	1.99	2.27	2.18	2.66	2.55	2.82	2.71	2.92	2.80	3.11	2.99	3.22	3.09
	35	2.07	1.99	2.26	2.17	2.66	2.55	2.80	2.69	2.89	2.77	3.08	2.96	3.18	3.05
	36	2.07	1.99	2.26	2.17	2.64	2.53	2.79	2.68	2.86	2.75	3.02	2.90	3.12	3.00
	38	2.07	1.99	2.25	2.16	2.60	2.50	2.76	2.65	2.81	2.70	2.91	2.79	3.00	2.88
	39	2.07	1.99	2.25	2.16	2.58	2.48	2.74	2.63	2.78	2.67	2.86	2.75	2.94	2.82
	41	2.07	1.99	2.24	2.15	2.50	2.40	2.63	2.52	2.66	2.55	2.73	2.62	2.80	2.69
	43	2.07	1.99	2.24	2.15	2.43	2.33	2.52	2.42	2.55	2.45	2.60	2.50	2.66	2.55

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
	-19.8	-20	1.86	1.86	1.86	1.86	1.86
	-17.8	-18	1.98	1.98	1.98	1.98	1.98
	-15.7	-16	2.09	2.09	2.09	2.09	2.09
	-13.7	-14	2.21	2.21	2.21	2.21	2.21
	-11.7	-12	2.33	2.33	2.33	2.33	2.33
P-Hi	-9.6	-10	2.45	2.45	2.45	2.45	2.45
	-7.5	-8	2.60	2.60	2.60	2.60	2.60
13	-5.5	-6	2.75	2.75	2.75	2.75	2.75
(m³/min)	-3.4	-4	2.85	2.84	2.84	2.81	2.78
	-1.3	-2	2.94	2.94	2.93	2.87	2.82
	0.8	0	3.10	3.06	3.02	2.91	2.80
	3.9	3	3.37	3.25	3.13	2.95	2.78
	7.0	6	3.68	3.44	3.20	2.98	2.75
	10.1	9	3.66	3.42	3.19	2.96	2.73
	13.2	12	3.63	3.40	3.17	2.94	2.70
	16.9	15.5	3.60	3.37	3.14	2.91	2.68

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21°CDB 14°CWB TC	21°CDB 14°CWB SHC	23°CDB 16°CWB TC	23°CDB 16°CWB SHC	26°CDB 18°CWB TC	26°CDB 18°CWB SHC	27°CDB 19°CWB TC	27°CDB 19°CWB SHC	28°CDB 20°CWB TC	28°CDB 20°CWB SHC	31°CDB 22°CWB TC	31°CDB 22°CWB SHC	33°CDB 24°CWB TC	33°CDB 24°CWB SHC
	10			2.27	2.18	2.71	2.56	2.94	2.60	3.12	2.63	3.50	2.85	3.63	2.79
	12			2.27	2.18	2.71	2.56	2.94	2.60	3.12	2.63	3.49	2.85	3.62	2.79
	14			2.27	2.18	2.71	2.56	2.94	2.60	3.12	2.63	3.47	2.84	3.60	2.78
	16			2.27	2.18	2.71	2.56	2.94	2.60	3.11	2.62	3.46	2.84	3.59	2.78
	18			2.27	2.18	2.71	2.56	2.94	2.60	3.11	2.62	3.45	2.84	3.57	2.76
Hi	20			2.27	2.18	2.71	2.56	2.94	2.60	3.10	2.62	3.44	2.83	3.55	2.75
	22			2.27	2.18	2.71	2.56	2.94	2.60	3.09	2.62	3.39	2.82	3.51	2.74
10	24			2.26	2.17	2.71	2.56	2.94	2.60	3.07	2.61	3.35	2.80	3.46	2.72
(m³/min)	26			2.26	2.17	2.70	2.56	2.91	2.59	3.04	2.60	3.30	2.79	3.40	2.70
	28	2.05	1.97	2.26	2.17	2.69	2.55	2.88	2.58	3.00	2.58	3.24	2.77	3.35	2.69
	30	2.05	1.97	2.25	2.16	2.67	2.55	2.85	2.57	2.97	2.57	3.19	2.73	3.30	2.67
	32	2.05	1.97	2.25	2.16	2.65	2.54	2.83	2.56	2.93	2.56	3.14	2.72	3.25	2.66
	34	2.05	1.97	2.24	2.15	2.64	2.53	2.79	2.55	2.89	2.54	3.08	2.69	3.18	2.64
	35	2.05	1.97	2.24	2.15	2.63	2.52	2.77	2.54	2.86	2.53	3.04	2.68	3.15	2.63
	36	2.05	1.97	2.24	2.15	2.61	2.51	2.76	2.54	2.83	2.52	2.99	2.66	3.09	2.61
	38	2.05	1.97	2.23	2.14	2.57	2.47	2.73	2.53	2.78	2.50	2.88	2.63	2.97	2.57
	39	2.05	1.97	2.23	2.14	2.55	2.45	2.71	2.52	2.75	2.49	2.83	2.61	2.91	2.55
	41	2.05	1.97	2.22	2.13	2.48	2.38	2.60	2.48	2.64	2.45	2.70	2.57	2.77	2.51
	43	2.05	1.97	2.21	2.12	2.40	2.30	2.49	2.39	2.52	2.41	2.58	2.48	2.63	2.47

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
	-19.8	-20	1.83	1.83	1.83	1.83	1.83
	-17.8	-18	1.94	1.94	1.94	1.94	1.94
	-15.7	-16	2.06	2.06	2.06	2.06	2.06
	-13.7	-14	2.18	2.18	2.18	2.18	2.18
	-11.7	-12	2.30	2.30	2.30	2.30	2.30
Hi	-9.6	-10	2.42	2.42	2.42	2.42	2.42
	-7.5	-8	2.56	2.56	2.56	2.56	2.56
10	-5.5	-6	2.71	2.71	2.71	2.71	2.71
(m³/min)	-3.4	-4	2.80	2.80	2.80	2.77	2.74
	-1.3	-2	2.90	2.89	2.88	2.83	2.77
	0.8	0	3.06	3.01	2.97	2.86	2.76
	3.9	3	3.32	3.20	3.08	2.91	2.73
	7.0	6	3.62	3.39	3.15	2.93	2.71
	10.1	9	3.60	3.37	3.14	2.91	2.69
	13.2	12	3.58	3.35	3.12	2.89	2.66
	16.9	15.5	3.55	3.32	3.09	2.86	2.63

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21°CDB 14°CWB TC	21°CDB 14°CWB SHC	23°CDB 16°CWB TC	23°CDB 16°CWB SHC	26°CDB 18°CWB TC	26°CDB 18°CWB SHC	27°CDB 19°CWB TC	27°CDB 19°CWB SHC	28°CDB 20°CWB TC	28°CDB 20°CWB SHC	31°CDB 22°CWB TC	31°CDB 22°CWB SHC	33°CDB 24°CWB TC	33°CDB 24°CWB SHC
	10			2.21	2.11	2.64	2.38	2.85	2.43	3.03	2.45	3.40	2.65	3.53	2.60
	12			2.21	2.11	2.64	2.38	2.85	2.43	3.03	2.45	3.39	2.65	3.51	2.59
	14			2.21	2.11	2.64	2.38	2.85	2.43	3.03	2.45	3.37	2.64	3.50	2.59
	16			2.21	2.11	2.64	2.38	2.85	2.43	3.02	2.44	3.36	2.64	3.48	2.58
	18			2.21	2.11	2.64	2.38	2.85	2.43	3.02	2.44	3.35	2.64	3.47	2.58
Me	20			2.21	2.11	2.64	2.38	2.85	2.43	3.01	2.44	3.34	2.63	3.45	2.57
	22			2.20	2.11	2.63	2.38	2.85	2.43	3.00	2.44	3.29	2.62	3.41	2.56
9	24			2.20	2.11	2.63	2.38	2.85	2.43	2.99	2.43	3.25	2.60	3.36	2.54
(m³/min)	26			2.20	2.11	2.62	2.38	2.82	2.41	2.95	2.42	3.20	2.59	3.31	2.53
	28	1.99	1.91	2.20	2.11	2.61	2.37	2.80	2.41	2.91	2.40	3.15	2.57	3.25	2.51
	30	1.99	1.91	2.19	2.10	2.59	2.36	2.77	2.40	2.88	2.39	3.10	2.55	3.21	2.48
	32	1.99	1.91	2.18	2.09	2.57	2.36	2.74	2.38	2.85	2.38	3.05	2.53	3.16	2.46
	34	1.99	1.91	2.18	2.09	2.56	2.35	2.71	2.37	2.80	2.36	2.99	2.51	3.09	2.44
	35	1.99	1.91	2.17	2.08	2.56	2.35	2.69	2.36	2.78	2.36	2.96	2.50	3.06	2.43
	36	1.99	1.91	2.17	2.08	2.54	2.34	2.68	2.36	2.75	2.34	2.90	2.48	3.00	2.41
	38	1.99	1.91	2.17	2.08	2.50	2.33	2.65	2.34	2.70	2.33	2.80	2.43	2.88	2.38
	39	1.99	1.91	2.16	2.07	2.48	2.32	2.64	2.34	2.67	2.32	2.74	2.41	2.82	2.36
	41	1.99	1.91	2.16	2.07	2.40	2.29	2.53	2.30	2.56	2.27	2.62	2.38	2.69	2.32
	43	1.99	1.91	2.15	2.06	2.33	2.24	2.42	2.26	2.45	2.23	2.50	2.34	2.56	2.28

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
	-19.8	-20	1.76	1.76	1.76	1.76	1.76
	-17.8	-18	1.88	1.88	1.88	1.88	1.88
	-15.7	-16	1.99	1.99	1.99	1.99	1.99
	-13.7	-14	2.10	2.10	2.10	2.10	2.10
	-11.7	-12	2.22	2.22	2.22	2.22	2.22
Me	-9.6	-10	2.33	2.33	2.33	2.33	2.33
	-7.5	-8	2.47	2.47	2.47	2.47	2.47
9	-5.5	-6	2.61	2.61	2.61	2.61	2.61
(m³/min)	-3.4	-4	2.71	2.70	2.70	2.67	2.64
	-1.3	-2	2.80	2.79	2.78	2.73	2.68
	0.8	0	2.95	2.91	2.87	2.76	2.66
	3.9	3	3.20	3.09	2.97	2.80	2.64
	7.0	6	3.50	3.27	3.04	2.83	2.61
	10.1	9	3.47	3.25	3.03	2.81	2.59
	13.2	12	3.45	3.23	3.01	2.79	2.57
	16.9	15.5	3.42	3.20	2.98	2.76	2.54

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21°CDB 14°CWB TC	21°CDB 14°CWB SHC	23°CDB 16°CWB TC	23°CDB 16°CWB SHC	26°CDB 18°CWB TC	26°CDB 18°CWB SHC	27°CDB 19°CWB TC	27°CDB 19°CWB SHC	28°CDB 20°CWB TC	28°CDB 20°CWB SHC	31°CDB 22°CWB TC	31°CDB 22°CWB SHC	33°CDB 24°CWB TC	33°CDB 24°CWB SHC
	10			2.08	1.93	2.49	2.18	2.69	2.22	2.86	2.24	3.21	2.43	3.33	2.37
	12			2.08	1.93	2.49	2.18	2.69	2.22	2.86	2.24	3.20	2.42	3.32	2.37
	14			2.08	1.93	2.49	2.18	2.69	2.22	2.86	2.24	3.19	2.42	3.30	2.36
	16			2.08	1.93	2.49	2.18	2.69	2.22	2.85	2.23	3.17	2.41	3.29	2.36
	18			2.08	1.93	2.49	2.18	2.69	2.22	2.85	2.23	3.16	2.41	3.27	2.35
Lo	20			2.08	1.93	2.49	2.18	2.69	2.22	2.85	2.23	3.15	2.40	3.26	2.35
	22			2.08	1.93	2.49	2.18	2.69	2.22	2.83	2.23	3.11	2.39	3.22	2.33
8	24			2.08	1.93	2.49	2.18	2.69	2.22	2.82	2.22	3.07	2.38	3.17	2.32
(m³/min)	26			2.07	1.92	2.48	2.18	2.67	2.21	2.79	2.21	3.02	2.36	3.12	2.30
	28	1.88	1.80	2.07	1.92	2.46	2.17	2.64	2.20	2.75	2.20	2.97	2.34	3.07	2.29
	30	1.88	1.80	2.07	1.92	2.44	2.16	2.62	2.19	2.72	2.19	2.93	2.33	3.03	2.27
	32	1.88	1.80	2.06	1.92	2.43	2.15	2.59	2.18	2.69	2.17	2.88	2.31	2.98	2.26
	34	1.88	1.80	2.06	1.92	2.42	2.15	2.56	2.17	2.65	2.16	2.82	2.29	2.92	2.24
	35	1.88	1.80	2.05	1.91	2.41	2.14	2.54	2.16	2.62	2.15	2.79	2.28	2.89	2.23
	36	1.88	1.80	2.05	1.91	2.39	2.14	2.53	2.15	2.60	2.14	2.74	2.26	2.83	2.20
	38	1.88	1.80	2.04	1.91	2.36	2.12	2.50	2.14	2.55	2.12	2.64	2.23	2.72	2.16
	39	1.88	1.80	2.04	1.91	2.34	2.12	2.49	2.14	2.52	2.11	2.59	2.21	2.66	2.14
	41	1.88	1.80	2.03	1.91	2.27	2.09	2.39	2.10	2.42	2.08	2.48	2.16	2.54	2.11
	43	1.88	1.80	2.03	1.91	2.20	2.06	2.29	2.06	2.31	2.03	2.36	2.12	2.41	2.07

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
	-19.8	-20	1.67	1.67	1.67	1.67	1.67
	-17.8	-18	1.78	1.78	1.78	1.78	1.78
	-15.7	-16	1.89	1.89	1.89	1.89	1.89
	-13.7	-14	1.99	1.99	1.99	1.99	1.99
	-11.7	-12	2.10	2.10	2.10	2.10	2.10
Lo	-9.6	-10	2.21	2.21	2.21	2.21	2.21
	-7.5	-8	2.34	2.34	2.34	2.34	2.34
8	-5.5	-6	2.48	2.48	2.48	2.48	2.48
(m³/min)	-3.4	-4	2.56	2.56	2.56	2.53	2.51
	-1.3	-2	2.65	2.64	2.64	2.58	2.53
	0.8	0	2.79	2.75	2.71	2.62	2.52
	3.9	3	3.03	2.92	2.82	2.66	2.50
	7.0	6	3.31	3.10	2.88	2.68	2.48
	10.1	9	3.29	3.08	2.87	2.66	2.46
	13.2	12	3.27	3.06	2.85	2.64	2.43
	16.9	15.5	3.24	3.03	2.83	2.62	2.41

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJG000Z022

Model **FDUM36KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21°CDB 14°CWB TC	SHC	23°CDB 16°CWB TC	SHC	26°CDB 18°CWB TC	SHC	27°CDB 19°CWB TC	SHC	28°CDB 20°CWB TC	SHC	31°CDB 22°CWB TC	SHC	33°CDB 24°CWB TC	SHC
	10			2.95	2.83	3.53	3.33	3.82	3.38	4.06	3.42	4.55	3.71	4.72	3.63
	12			2.95	2.83	3.53	3.33	3.82	3.38	4.05	3.41	4.53	3.70	4.70	3.63
	14			2.95	2.83	3.53	3.33	3.82	3.38	4.05	3.41	4.51	3.70	4.68	3.62
	16			2.95	2.83	3.53	3.33	3.82	3.38	4.04	3.41	4.50	3.69	4.66	3.59
	18			2.95	2.83	3.53	3.33	3.82	3.38	4.04	3.41	4.48	3.69	4.64	3.58
P-Hi	20			2.95	2.83	3.53	3.33	3.82	3.38	4.03	3.41	4.47	3.68	4.62	3.58
	22			2.95	2.83	3.53	3.33	3.82	3.38	4.01	3.40	4.41	3.66	4.56	3.56
13	24			2.94	2.82	3.52	3.33	3.82	3.38	3.99	3.39	4.35	3.64	4.49	3.54
(m³/min)	26			2.94	2.82	3.51	3.32	3.78	3.37	3.95	3.38	4.28	3.62	4.43	3.52
	28	2.66	2.55	2.94	2.82	3.49	3.32	3.74	3.35	3.90	3.36	4.22	3.60	4.36	3.50
	30	2.66	2.55	2.93	2.81	3.47	3.31	3.71	3.34	3.86	3.35	4.15	3.55	4.29	3.47
	32	2.66	2.55	2.92	2.80	3.44	3.30	3.67	3.33	3.81	3.32	4.09	3.53	4.23	3.46
	34	2.66	2.55	2.91	2.79	3.43	3.29	3.62	3.31	3.75	3.30	4.00	3.50	4.14	3.43
	35	2.66	2.55	2.91	2.79	3.42	3.28	3.60	3.30	3.72	3.29	3.96	3.49	4.09	3.41
	36	2.66	2.55	2.91	2.79	3.39	3.25	3.58	3.29	3.68	3.27	3.89	3.47	4.02	3.39
	38	2.66	2.55	2.90	2.78	3.34	3.21	3.55	3.28	3.61	3.25	3.74	3.42	3.86	3.34
	39	2.66	2.55	2.89	2.77	3.32	3.19	3.53	3.28	3.58	3.24	3.67	3.39	3.78	3.32
	41	2.66	2.55	2.88	2.76	3.22	3.09	3.38	3.22	3.43	3.18	3.51	3.34	3.60	3.27
	43	2.66	2.55	2.87	2.76	3.12	3.00	3.24	3.11	3.28	3.13	3.35	3.22	3.42	3.21

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
	-19.8	-20	2.32	2.32	2.32	2.32	2.32
	-17.8	-18	2.47	2.47	2.47	2.47	2.47
	-15.7	-16	2.62	2.62	2.62	2.62	2.62
	-13.7	-14	2.77	2.77	2.77	2.77	2.77
	-11.7	-12	2.92	2.92	2.92	2.92	2.92
P-Hi	-9.6	-10	3.07	3.07	3.07	3.07	3.07
	-7.5	-8	3.25	3.25	3.25	3.25	3.25
13	-5.5	-6	3.44	3.44	3.44	3.44	3.44
(m³/min)	-3.4	-4	3.56	3.56	3.55	3.52	3.48
	-1.3	-2	3.68	3.67	3.66	3.59	3.52
	0.8	0	3.88	3.83	3.77	3.64	3.50
	3.9	3	4.21	4.06	3.91	3.69	3.47
	7.0	6	4.60	4.30	4.00	3.72	3.44
	10.1	9	4.57	4.28	3.99	3.70	3.41
	13.2	12	4.54	4.25	3.96	3.67	3.38
	16.9	15.5	4.51	4.22	3.93	3.64	3.35

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21°CDB 14°CWB TC	SHC	23°CDB 16°CWB TC	SHC	26°CDB 18°CWB TC	SHC	27°CDB 19°CWB TC	SHC	28°CDB 20°CWB TC	SHC	31°CDB 22°CWB TC	SHC	33°CDB 24°CWB TC	SHC
	10			2.91	2.54	3.48	2.87	3.76	2.93	4.00	2.96	4.48	3.20	4.66	3.13
	12			2.91	2.54	3.48	2.87	3.76	2.93	4.00	2.96	4.47	3.20	4.64	3.12
	14			2.91	2.54	3.48	2.87	3.76	2.93	3.99	2.96	4.45	3.19	4.62	3.11
	16			2.91	2.54	3.48	2.87	3.76	2.93	3.99	2.96	4.44	3.19	4.60	3.11
	18			2.91	2.54	3.48	2.87	3.76	2.93	3.98	2.95	4.42	3.18	4.58	3.10
Hi	20			2.91	2.54	3.48	2.87	3.76	2.93	3.98	2.95	4.40	3.17	4.56	3.09
	22			2.91	2.54	3.48	2.87	3.76	2.93	3.96	2.94	4.35	3.15	4.49	3.07
10	24			2.90	2.54	3.48	2.87	3.76	2.93	3.94	2.94	4.29	3.13	4.43	3.05
(m³/min)	26			2.90	2.54	3.46	2.87	3.73	2.92	3.89	2.92	4.22	3.11	4.36	3.03
	28	2.63	2.51	2.90	2.54	3.44	2.86	3.69	2.90	3.85	2.90	4.16	3.08	4.30	3.01
	30	2.63	2.51	2.89	2.53	3.42	2.85	3.66	2.89	3.80	2.88	4.09	3.06	4.23	2.99
	32	2.63	2.51	2.88	2.53	3.39	2.84	3.62	2.87	3.76	2.87	4.03	3.04	4.17	2.97
	34	2.63	2.51	2.87	2.52	3.38	2.83	3.57	2.85	3.70	2.84	3.94	3.01	4.08	2.94
	35	2.63	2.51	2.87	2.52	3.37	2.83	3.55	2.84	3.67	2.83	3.90	2.99	4.04	2.92
	36	2.63	2.51	2.86	2.52	3.35	2.82	3.53	2.84	3.63	2.82	3.83	2.97	3.96	2.90
	38	2.63	2.51	2.86	2.52	3.30	2.80	3.50	2.82	3.56	2.79	3.69	2.92	3.80	2.85
	39	2.63	2.51	2.85	2.51	3.27	2.79	3.48	2.82	3.53	2.78	3.62	2.90	3.72	2.82
	41	2.63	2.51	2.84	2.51	3.17	2.75	3.34	2.76	3.38	2.72	3.46	2.84	3.55	2.75
	43	2.63	2.51	2.83	2.51	3.07	2.71	3.20	2.71	3.23	2.67	3.30	2.79	3.38	2.70

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
	-19.8	-20	2.28	2.28	2.28	2.28	2.28
	-17.8	-18	2.43	2.43	2.43	2.43	2.43
	-15.7	-16	2.57	2.57	2.57	2.57	2.57
	-13.7	-14	2.72	2.72	2.72	2.72	2.72
	-11.7	-12	2.87	2.87	2.87	2.87	2.87
Hi	-9.6	-10	3.01	3.01	3.01	3.01	3.01
	-7.5	-8	3.20	3.20	3.20	3.20	3.20
10	-5.5	-6	3.38	3.38	3.38	3.38	3.38
(m³/min)	-3.4	-4	3.50	3.49	3.49	3.45	3.42
	-1.3	-2	3.62	3.61	3.60	3.53	3.46
	0.8	0	3.81	3.76	3.70	3.57	3.44
	3.9	3	4.14	3.99	3.84	3.63	3.41
	7.0	6	4.52	4.22	3.93	3.65	3.38
	10.1	9	4.49	4.20	3.92	3.63	3.35
	13.2	12	4.46	4.18	3.89	3.61	3.32
	16.9	15.5	4.43	4.14	3.86	3.57	3.29

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21°CDB 14°CWB TC	SHC	23°CDB 16°CWB TC	SHC	26°CDB 18°CWB TC	SHC	27°CDB 19°CWB TC	SHC	28°CDB 20°CWB TC	SHC	31°CDB 22°CWB TC	SHC	33°CDB 24°CWB TC	SHC
	10			2.79	2.36	3.33	2.67	3.60	2.72	3.83	2.75	4.30	2.98	4.46	2.90
	12			2.79	2.36	3.33	2.67	3.60	2.72	3.83	2.75	4.28	2.97	4.44	2.90
	14			2.79	2.36	3.33	2.67	3.60	2.72	3.82	2.75	4.26	2.96	4.42	2.89
	16			2.79	2.36	3.33	2.67	3.60	2.72	3.82	2.75	4.25	2.96	4.40	2.88
	18			2.79	2.36	3.33	2.67	3.60	2.72	3.81	2.75	4.23	2.95	4.38	2.88
Me	20			2.79	2.36	3.33	2.67	3.60	2.72	3.81	2.75	4.22	2.95	4.36	2.87
	22			2.78	2.36	3.33	2.67	3.60	2.72	3.79	2.74	4.16	2.93	4.30	2.85
9	24			2.78	2.36	3.33	2.67	3.60	2.72	3.77	2.73	4.11	2.91	4.24	2.83
(m³/min)	26			2.78	2.36	3.31	2.66	3.57	2.71	3.73	2.71	4.05	2.89	4.18	2.81
	28	2.52	2.33	2.77	2.35	3.30	2.66	3.54	2.70	3.68	2.70	3.98	2.86	4.11	2.79
	30	2.52	2.33	2.77	2.35	3.27	2.64	3.50	2.68	3.64	2.68	3.92	2.84	4.05	2.77
	32	2.52	2.33	2.76	2.35	3.25	2.63	3.47	2.67	3.60	2.66	3.86	2.82	3.99	2.75
	34	2.52	2.33	2.75	2.34	3.24	2.63	3.42	2.65	3.54	2.64	3.78	2.79	3.91	2.72
	35	2.52	2.33	2.75	2.34	3.23	2.63	3.40	2.64	3.51	2.63	3.74	2.77	3.87	2.71
	36	2.52	2.33	2.74	2.34	3.21	2.62	3.38	2.63	3.48	2.62	3.67	2.75	3.79	2.68
	38	2.52	2.33	2.74	2.34	3.16	2.60	3.35	2.62	3.41	2.59	3.54	2.70	3.64	2.63
	39	2.52	2.33	2.73	2.33	3.13	2.59	3.33	2.61	3.38	2.58	3.47	2.68	3.57	2.61
	41	2.52	2.33	2.72	2.33	3.04	2.55	3.20	2.56	3.24	2.53	3.31	2.62	3.40	2.56
	43	2.52	2.33	2.71	2.33	2.94	2.51	3.06	2.51	3.09	2.47	3.16	2.57	3.23	2.49

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
	-19.8	-20	2.18	2.18	2.18	2.18	2.18
	-17.8	-18	2.32	2.32	2.32	2.32	2.32
	-15.7	-16	2.46	2.46	2.46	2.46	2.46
	-13.7	-14	2.60	2.60	2.60	2.60	2.60
	-11.7	-12	2.74	2.74	2.74	2.74	2.74
Me	-9.6	-10	2.88	2.88	2.88	2.88	2.88
	-7.5	-8	3.05	3.05	3.05	3.05	3.05
9	-5.5	-6	3.23	3.23	3.23	3.23	3.23
(m³/min)	-3.4	-4	3.34	3.33	3.33	3.30	3.26
	-1.3	-2	3.45	3.44	3.43	3.37	3.30
	0.8	0	3.64	3.59	3.53	3.41	3.28
	3.9	3	3.95	3.81	3.67	3.46	3.25
	7.0	6	4.31	4.03	3.75	3.49	3.23
	10.1	9	4.28	4.01	3.74	3.47	3.20
	13.2	12	4.26	3.98	3.71	3.44	3.17
	16.9	15.5	4.22	3.95	3.68	3.41	3.14

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21°CDB 14°CWB TC	SHC	23°CDB 16°CWB TC	SHC	26°CDB 18°CWB TC	SHC	27°CDB 19°CWB TC	SHC	28°CDB 20°CWB TC	SHC	31°CDB 22°CWB TC	SHC	33°CDB 24°CWB TC	SHC
	10			2.58	2.15	3.09	2.43	3.34	2.48	3.55	2.51	3.98	2.71	4.13	2.64
	12			2.58	2.15	3.09	2.43	3.34	2.48	3.55	2.51	3.96	2.70	4.11	2.63
	14			2.58	2.15	3.09	2.43	3.34	2.48	3.54	2.50	3.95	2.70	4.10	2.63
	16			2.58	2.15	3.09	2.43	3.34	2.48	3.54	2.50	3.94	2.69	4.08	2.62
	18			2.58	2.15	3.09	2.43	3.34	2.48	3.53	2.50	3.92	2.68	4.06	2.61
Lo	20			2.58	2.15	3.09	2.43	3.34	2.48	3.53	2.50	3.91	2.68	4.04	2.61
	22			2.58	2.15	3.09	2.43	3.34	2.48	3.51	2.49	3.86	2.66	3.99	2.59
8	24			2.57	2.14	3.08	2.42	3.34	2.48	3.50	2.49	3.81	2.64	3.93	2.57
(m³/min)	26			2.57	2.14	3.07	2.42	3.31	2.46	3.45	2.47	3.75	2.62	3.87	2.55
	28	2.33	2.11	2.57	2.14	3.06	2.41	3.28	2.45	3.41	2.45	3.69	2.60	3.81	2.53
	30	2.33	2.11	2.56	2.14	3.03	2.40	3.24	2.44	3.37	2.43	3.63	2.58	3.75	2.51
	32	2.33	2.11	2.56	2.14	3.01	2.39	3.21	2.42	3.33	2.42	3.58	2.56	3.70	2.49
	34	2.33	2.11	2.55	2.13	3.00	2.39	3.17	2.41	3.28	2.40	3.50	2.53	3.62	2.47
	35	2.33	2.11	2.55	2.13	2.99	2.38	3.15	2.40	3.25	2.39	3.46	2.51	3.58	2.45
	36	2.33	2.11	2.54	2.12	2.97	2.38	3.13	2.39	3.22	2.38	3.40	2.49	3.51	2.43
	38	2.33	2.11	2.54	2.12	2.92	2.35	3.10	2.38	3.16	2.35	3.28	2.45	3.37	2.38
	39	2.33	2.11	2.53	2.12	2.90	2.35	3.09	2.38	3.13	2.34	3.21	2.43	3.30	2.36
	41	2.33	2.11	2.52	2.12	2.82	2.31	2.96	2.32	3.00	2.29	3.07	2.38	3.15	2.31
	43	2.33	2.11	2.51	2.11	2.73	2.28	2.84	2.28	2.87	2.24	2.93	2.33	2.99	2.26

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
	-19.8	-20	2.03	2.03	2.03	2.03	2.03
	-17.8	-18	2.16	2.16	2.16	2.16	2.16
	-15.7	-16	2.29	2.29	2.29	2.29	2.29
	-13.7	-14	2.42	2.42	2.42	2.42	2.42
	-11.7	-12	2.55	2.55	2.55	2.55	2.55
Lo	-9.6	-10	2.68	2.68	2.68	2.68	2.68
	-7.5	-8	2.85	2.85	2.85	2.85	2.85
8	-5.5	-6	3.01	3.01	3.01	3.01	3.01
(m³/min)	-3.4	-4	3.12	3.11	3.11	3.08	3.05
	-1.3	-2	3.22	3.21	3.20	3.14	3.08
	0.8	0	3.40	3.35	3.30	3.18	3.06
	3.9	3	3.68	3.55	3.42	3.23	3.04
	7.0	6	4.03	3.76	3.50	3.26	3.01
	10.1	9	4.00	3.74	3.49	3.24	2.98
	13.2	12	3.97	3.72	3.47	3.21	2.96
	16.9	15.5	3.94	3.69	3.43	3.18	2.93

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJG000Z022

Model **FDUM45KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21°CDB 14°CWB TC	21°CDB 14°CWB SHC	23°CDB 16°CWB TC	23°CDB 16°CWB SHC	26°CDB 18°CWB TC	26°CDB 18°CWB SHC	27°CDB 19°CWB TC	27°CDB 19°CWB SHC	28°CDB 20°CWB TC	28°CDB 20°CWB SHC	31°CDB 22°CWB TC	31°CDB 22°CWB SHC	33°CDB 24°CWB TC	33°CDB 24°CWB SHC
	10			3.69	3.26	4.41	3.69	4.77	3.76	5.07	3.80	5.68	4.11	5.90	4.01
	12			3.69	3.26	4.41	3.69	4.77	3.76	5.07	3.80	5.66	4.10	5.88	4.00
	14			3.69	3.26	4.41	3.69	4.77	3.76	5.06	3.79	5.64	4.09	5.85	4.00
	16			3.69	3.26	4.41	3.69	4.77	3.76	5.05	3.79	5.62	4.09	5.83	3.99
	18			3.69	3.26	4.41	3.69	4.77	3.76	5.05	3.79	5.60	4.08	5.80	3.98
P-Hi	20			3.69	3.26	4.41	3.69	4.77	3.76	5.04	3.79	5.58	4.07	5.78	3.97
	22			3.68	3.26	4.41	3.69	4.77	3.76	5.02	3.78	5.51	4.05	5.70	3.95
13	24			3.68	3.26	4.41	3.69	4.77	3.76	4.99	3.77	5.44	4.02	5.62	3.92
(m³/min)	26			3.68	3.26	4.39	3.68	4.73	3.74	4.93	3.74	5.35	3.99	5.53	3.89
	28	3.33	3.20	3.67	3.25	4.37	3.67	4.68	3.72	4.88	3.72	5.27	3.96	5.44	3.86
	30	3.33	3.20	3.66	3.25	4.33	3.66	4.64	3.71	4.82	3.70	5.19	3.93	5.36	3.84
	32	3.33	3.20	3.65	3.25	4.30	3.64	4.59	3.69	4.76	3.68	5.11	3.90	5.28	3.81
	34	3.33	3.20	3.64	3.24	4.28	3.64	4.53	3.66	4.69	3.65	5.00	3.87	5.17	3.77
	35	3.33	3.20	3.64	3.24	4.28	3.64	4.50	3.65	4.65	3.64	4.95	3.85	5.12	3.76
	36	3.33	3.20	3.63	3.24	4.24	3.62	4.48	3.64	4.60	3.62	4.86	3.82	5.02	3.73
	38	3.33	3.20	3.62	3.23	4.18	3.60	4.43	3.62	4.52	3.59	4.68	3.75	4.82	3.66
	39	3.33	3.20	3.62	3.23	4.15	3.58	4.41	3.62	4.47	3.57	4.59	3.72	4.72	3.63
	41	3.33	3.20	3.61	3.23	4.02	3.53	4.23	3.55	4.28	3.50	4.39	3.66	4.50	3.54
	43	3.33	3.20	3.59	3.22	3.90	3.48	4.05	3.48	4.09	3.43	4.18	3.59	4.28	3.47

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
	-19.8	-20	2.90	2.90	2.90	2.90	2.90
	-17.8	-18	3.09	3.09	3.09	3.09	3.09
	-15.7	-16	3.27	3.27	3.27	3.27	3.27
	-13.7	-14	3.46	3.46	3.46	3.46	3.46
	-11.7	-12	3.65	3.65	3.65	3.65	3.65
P-Hi	-9.6	-10	3.83	3.83	3.83	3.83	3.83
	-7.5	-8	4.07	4.07	4.07	4.07	4.07
13	-5.5	-6	4.30	4.30	4.30	4.30	4.30
(m³/min)	-3.4	-4	4.45	4.44	4.44	4.39	4.35
	-1.3	-2	4.60	4.59	4.58	4.49	4.40
	0.8	0	4.85	4.78	4.71	4.54	4.38
	3.9	3	5.26	5.08	4.89	4.61	4.34
	7.0	6	5.75	5.38	5.00	4.65	4.30
	10.1	9	5.71	5.35	4.98	4.62	4.26
	13.2	12	5.68	5.31	4.95	4.59	4.23
	16.9	15.5	5.63	5.27	4.91	4.54	4.18

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21°CDB 14°CWB TC	21°CDB 14°CWB SHC	23°CDB 16°CWB TC	23°CDB 16°CWB SHC	26°CDB 18°CWB TC	26°CDB 18°CWB SHC	27°CDB 19°CWB TC	27°CDB 19°CWB SHC	28°CDB 20°CWB TC	28°CDB 20°CWB SHC	31°CDB 22°CWB TC	31°CDB 22°CWB SHC	33°CDB 24°CWB TC	33°CDB 24°CWB SHC
	10			3.58	2.84	4.28	3.21	4.63	3.29	4.93	3.33	5.52	3.60	5.73	3.50
	12			3.58	2.84	4.28	3.21	4.63	3.29	4.92	3.33	5.50	3.59	5.71	3.50
	14			3.58	2.84	4.28	3.21	4.63	3.29	4.91	3.33	5.48	3.58	5.68	3.49
	16			3.58	2.84	4.28	3.21	4.63	3.29	4.91	3.33	5.46	3.58	5.66	3.48
	18			3.58	2.84	4.28	3.21	4.63	3.29	4.90	3.32	5.44	3.57	5.63	3.47
Hi	20			3.58	2.84	4.28	3.21	4.63	3.29	4.90	3.32	5.42	3.56	5.61	3.46
	22			3.58	2.84	4.28	3.21	4.63	3.29	4.87	3.31	5.35	3.53	5.53	3.43
10	24			3.57	2.84	4.28	3.21	4.63	3.29	4.85	3.30	5.28	3.51	5.46	3.41
(m³/min)	26			3.57	2.84	4.26	3.20	4.59	3.27	4.79	3.28	5.20	3.47	5.37	3.37
	28	3.23	2.79	3.57	2.84	4.24	3.19	4.54	3.25	4.74	3.25	5.12	3.44	5.29	3.35
	30	3.23	2.79	3.56	2.83	4.21	3.18	4.50	3.23	4.68	3.23	5.04	3.41	5.21	3.32
	32	3.23	2.79	3.55	2.83	4.17	3.16	4.46	3.21	4.63	3.21	4.96	3.38	5.13	3.29
	34	3.23	2.79	3.54	2.82	4.16	3.16	4.40	3.19	4.55	3.18	4.86	3.34	5.02	3.25
	35	3.23	2.79	3.53	2.82	4.15	3.15	4.37	3.18	4.51	3.16	4.80	3.32	4.97	3.23
	36	3.23	2.79	3.53	2.82	4.12	3.14	4.35	3.17	4.47	3.15	4.72	3.29	4.87	3.20
	38	3.23	2.79	3.52	2.81	4.06	3.12	4.30	3.15	4.38	3.11	4.54	3.22	4.68	3.13
	39	3.23	2.79	3.51	2.81	4.03	3.10	4.28	3.14	4.34	3.09	4.46	3.19	4.58	3.10
	41	3.23	2.79	3.50	2.80	3.91	3.05	4.11	3.07	4.16	3.02	4.26	3.12	4.37	3.03
	43	3.23	2.79	3.49	2.80	3.78	3.00	3.93	3.00	3.98	2.95	4.06	3.05	4.15	2.96

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
	-19.8	-20	2.80	2.80	2.80	2.80	2.80
	-17.8	-18	2.98	2.98	2.98	2.98	2.98
	-15.7	-16	3.16	3.16	3.16	3.16	3.16
	-13.7	-14	3.34	3.34	3.34	3.34	3.34
	-11.7	-12	3.52	3.52	3.52	3.52	3.52
Hi	-9.6	-10	3.70	3.70	3.70	3.70	3.70
	-7.5	-8	3.93	3.93	3.93	3.93	3.93
10	-5.5	-6	4.15	4.15	4.15	4.15	4.15
(m³/min)	-3.4	-4	4.30	4.29	4.29	4.24	4.20
	-1.3	-2	4.44	4.43	4.42	4.33	4.25
	0.8	0	4.69	4.62	4.55	4.39	4.23
	3.9	3	5.08	4.90	4.72	4.46	4.19
	7.0	6	5.55	5.19	4.83	4.49	4.15
	10.1	9	5.52	5.17	4.81	4.46	4.12
	13.2	12	5.48	5.13	4.78	4.43	4.08
	16.9	15.5	5.44	5.09	4.74	4.39	4.04

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21°CDB 14°CWB TC	21°CDB 14°CWB SHC	23°CDB 16°CWB TC	23°CDB 16°CWB SHC	26°CDB 18°CWB TC	26°CDB 18°CWB SHC	27°CDB 19°CWB TC	27°CDB 19°CWB SHC	28°CDB 20°CWB TC	28°CDB 20°CWB SHC	31°CDB 22°CWB TC	31°CDB 22°CWB SHC	33°CDB 24°CWB TC	33°CDB 24°CWB SHC
	10			3.34	2.61	4.00	2.95	4.32	3.02	4.60	3.07	5.15	3.31	5.35	3.22
	12			3.34	2.61	4.00	2.95	4.32	3.02	4.60	3.07	5.14	3.31	5.33	3.22
	14			3.34	2.61	4.00	2.95	4.32	3.02	4.59	3.07	5.12	3.30	5.31	3.21
	16			3.34	2.61	4.00	2.95	4.32	3.02	4.58	3.06	5.10	3.29	5.28	3.20
	18			3.34	2.61	4.00	2.95	4.32	3.02	4.58	3.06	5.08	3.28	5.26	3.19
Me	20			3.34	2.61	4.00	2.95	4.32	3.02	4.57	3.06	5.06	3.28	5.24	3.18
	22			3.34	2.61	4.00	2.95	4.32	3.02	4.55	3.05	5.00	3.25	5.16	3.15
9	24			3.33	2.60	3.99	2.95	4.32	3.02	4.53	3.04	4.93	3.22	5.09	3.13
(m³/min)	26			3.33	2.60	3.98	2.95	4.28	3.01	4.47	3.02	4.86	3.20	5.02	3.10
	28	3.02	2.57	3.33	2.60	3.96	2.94	4.24	2.99	4.42	2.99	4.78	3.17	4.94	3.08
	30	3.02	2.57	3.32	2.60	3.93	2.92	4.20	2.97	4.37	2.97	4.70	3.13	4.86	3.05
	32	3.02	2.57	3.31	2.60	3.90	2.91	4.16	2.95	4.32	2.95	4.63	3.11	4.79	3.02
	34	3.02	2.57	3.30	2.59	3.88	2.90	4.11	2.93	4.25	2.92	4.53	3.07	4.69	2.99
	35	3.02	2.57	3.30	2.59	3.88	2.90	4.08	2.92	4.21	2.91	4.48	3.05	4.64	2.97
	36	3.02	2.57	3.29	2.59	3.85	2.89	4.06	2.91	4.17	2.89	4.40	3.02	4.55	2.93
	38	3.02	2.57	3.28	2.58	3.79	2.86	4.02	2.90	4.09	2.86	4.24	2.96	4.37	2.87
	39	3.02	2.57	3.28	2.58	3.76	2.85	4.00	2.89	4.05	2.84	4.16	2.93	4.28	2.84
	41	3.02	2.57	3.27	2.58	3.65	2.80	3.84	2.82	3.88	2.77	3.98	2.86	4.08	2.78
	43	3.02	2.57	3.26	2.57	3.53	2.75	3.67	2.75	3.71	2.71	3.79	2.79	3.88	2.71

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
	-19.8	-20	2.60	2.60	2.60	2.60	2.60
	-17.8	-18	2.77	2.77	2.77	2.77	2.77
	-15.7	-16	2.94	2.94	2.94	2.94	2.94
	-13.7	-14	3.11	3.11	3.11	3.11	3.11
	-11.7	-12	3.27	3.27	3.27	3.27	3.27
Me	-9.6	-10	3.44	3.44	3.44	3.44	3.44
	-7.5	-8	3.65	3.65	3.65	3.65	3.65
9	-5.5	-6	3.86	3.86	3.86	3.86	3.86
(m³/min)	-3.4	-4	4.00	3.99	3.98	3.95	3.91
	-1.3	-2	4.13	4.12	4.11	4.03	3.95
	0.8	0	4.36	4.29	4.23	4.08	3.93
	3.9	3	4.73	4.56	4.39	4.14	3.90
	7.0	6	5.16	4.83	4.49	4.18	3.86
	10.1	9	5.13	4.80	4.47	4.15	3.83
	13.2	12	5.10	4.77	4.45	4.12	3.79
	16.9	15.5	5.06	4.73	4.41	4.08	3.75

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21°CDB 14°CWB TC	21°CDB 14°CWB SHC	23°CDB 16°CWB TC	23°CDB 16°CWB SHC	26°CDB 18°CWB TC	26°CDB 18°CWB SHC	27°CDB 19°CWB TC	27°CDB 19°CWB SHC	28°CDB 20°CWB TC	28°CDB 20°CWB SHC	31°CDB 22°CWB TC	31°CDB 22°CWB SHC	33°CDB 24°CWB TC	33°CDB 24°CWB SHC
	10			3.13	2.39	3.74	2.71	4.05	2.78	4.31	2.82	4.83	3.04	5.01	2.96
	12			3.13	2.39	3.74	2.71	4.05	2.78	4.30	2.82	4.81	3.04	4.99	2.95
	14			3.13	2.39	3.74	2.71	4.05	2.78	4.30	2.82	4.79	3.03	4.97	2.94
	16			3.13	2.39	3.74	2.71	4.05	2.78	4.29	2.82	4.77	3.02	4.95	2.94
	18			3.13	2.39	3.74	2.71	4.05	2.78	4.28	2.81	4.76	3.02	4.92	2.93
Lo	20			3.13	2.39	3.74	2.71	4.05	2.78	4.28	2.81	4.74	3.01	4.90	2.92
	22			3.13	2.39	3.74	2.71	4.05	2.78	4.26	2.80	4.68	2.98	4.84	2.90
8	24			3.12	2.39	3.74	2.71	4.05	2.78	4.24	2.79	4.62	2.96	4.77	2.87
(m³/min)	26			3.12	2.39	3.72	2.70	4.01	2.77	4.19	2.77	4.55	2.93	4.70	2.84
	28	2.83	2.36	3.12	2.39	3.71	2.69	3.97	2.75	4.14	2.75	4.47	2.90	4.62	2.82
	30	2.83	2.36	3.11	2.38	3.68	2.68	3.93	2.73	4.09	2.73	4.40	2.87	4.55	2.79
	32	2.83	2.36	3.10	2.38	3.65	2.67	3.90	2.71	4.04	2.71	4.34	2.85	4.48	2.77
	34	2.83	2.36	3.09	2.37	3.64	2.66	3.85	2.69	3.98	2.69	4.24	2.81	4.39	2.73
	35	2.83	2.36	3.09	2.37	3.63	2.66	3.82	2.68	3.95	2.67	4.20	2.79	4.34	2.72
	36	2.83	2.36	3.08	2.37	3.60	2.65	3.80	2.67	3.91	2.65	4.12	2.76	4.26	2.69
	38	2.83	2.36	3.08	2.37	3.55	2.62	3.76	2.65	3.83	2.62	3.97	2.70	4.09	2.62
	39	2.83	2.36	3.07	2.37	3.52	2.61	3.74	2.64	3.79	2.60	3.90	2.68	4.01	2.60
	41	2.83	2.36	3.06	2.36	3.41	2.56	3.59	2.58	3.64	2.54	3.72	2.61	3.82	2.53
	43	2.83	2.36	3.05	2.36	3.31	2.52	3.44	2.52	3.48	2.48	3.55	2.55	3.63	2.47

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
	-19.8	-20	2.44	2.44	2.44	2.44	2.44
	-17.8	-18	2.60	2.60	2.60	2.60	2.60
	-15.7	-16	2.76	2.76	2.76	2.76	2.76
	-13.7	-14	2.91	2.91	2.91	2.91	2.91
	-11.7	-12	3.07	3.07	3.07	3.07	3.07
Lo	-9.6	-10	3.23	3.23	3.23	3.23	3.23
	-7.5	-8	3.42	3.42	3.42	3.42	3.42
8	-5.5	-6	3.62	3.62	3.62	3.62	3.62
(m³/min)	-3.4	-4	3.75	3.74	3.74	3.70	3.66
	-1.3	-2	3.87	3.86	3.85	3.78	3.70
	0.8	0	4.08	4.03	3.97	3.83	3.68
	3.9	3	4.43	4.27	4.12	3.88	3.65
	7.0	6	4.84	4.53	4.21	3.92	3.62
	10.1	9	4.81	4.50	4.19	3.89	3.59
	13.2	12	4.78	4.47	4.17	3.86	3.56
	16.9	15.5	4.74	4.44	4.13	3.83	3.52

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJG000Z022

Model **FDUM56KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi 13 (m³/min)	10			4.59	3.66	5.49	4.14	5.94	4.24	6.32	4.30	7.07	4.64	7.35	4.52
	12			4.59	3.66	5.49	4.14	5.94	4.24	6.31	4.29	7.05	4.63	7.31	4.50
	14			4.59	3.66	5.49	4.14	5.94	4.24	6.30	4.29	7.02	4.62	7.28	4.49
	16			4.59	3.66	5.49	4.14	5.94	4.24	6.29	4.28	7.00	4.61	7.25	4.48
	18			4.59	3.66	5.49	4.14	5.94	4.24	6.28	4.28	6.97	4.60	7.22	4.47
	20			4.59	3.66	5.49	4.14	5.94	4.24	6.27	4.28	6.95	4.59	7.19	4.46
	22			4.58	3.66	5.49	4.14	5.94	4.24	6.24	4.26	6.86	4.56	7.09	4.43
	24			4.58	3.66	5.48	4.14	5.94	4.24	6.21	4.25	6.77	4.52	6.99	4.39
	26			4.57	3.65	5.46	4.13	5.88	4.21	6.14	4.22	6.66	4.48	6.88	4.35
	28	4.14	3.60	4.57	3.65	5.43	4.12	5.82	4.19	6.07	4.19	6.56	4.44	6.78	4.32
	30	4.14	3.60	4.56	3.65	5.39	4.10	5.77	4.17	6.00	4.17	6.46	4.40	6.67	4.27
	32	4.14	3.60	4.55	3.65	5.35	4.08	5.71	4.14	5.93	4.14	6.36	4.36	6.57	4.24
	34	4.14	3.60	4.53	3.64	5.33	4.07	5.64	4.11	5.83	4.10	6.22	4.31	6.44	4.19
	35	4.14	3.60	4.52	3.63	5.32	4.07	5.60	4.10	5.79	4.08	6.16	4.28	6.37	4.17
	36	4.14	3.60	4.52	3.63	5.28	4.05	5.57	4.08	5.73	4.06	6.05	4.24	6.25	4.13
	38	4.14	3.60	4.51	3.63	5.20	4.02	5.52	4.06	5.62	4.01	5.82	4.16	6.00	4.05
	39	4.14	3.60	4.50	3.62	5.16	4.00	5.49	4.05	5.56	3.99	5.71	4.12	5.87	4.00
	41	4.14	3.60	4.49	3.62	5.00	3.93	5.26	3.96	5.33	3.90	5.46	4.03	5.60	3.91
	43	4.14	3.60	4.47	3.61	4.85	3.87	5.04	3.87	5.10	3.81	5.21	3.94	5.32	3.82

Heating mode (kW)

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
P-Hi 13 (m³/min)	-19.8	-20	3.65	3.65	3.65	3.65	3.65
	-17.8	-18	3.89	3.89	3.89	3.89	3.89
	-15.7	-16	4.12	4.12	4.12	4.12	4.12
	-13.7	-14	4.36	4.36	4.36	4.36	4.36
	-11.7	-12	4.59	4.59	4.59	4.59	4.59
	-9.6	-10	4.83	4.83	4.83	4.83	4.83
	-7.5	-8	5.12	5.12	5.12	5.12	5.12
	-5.5	-6	5.42	5.42	5.42	5.42	5.42
	-3.4	-4	5.61	5.60	5.59	5.54	5.48
	-1.3	-2	5.80	5.78	5.76	5.65	5.54
	0.8	0	6.11	6.02	5.94	5.73	5.51
	3.9	3	6.63	6.39	6.16	5.81	5.47
	7.0	6	7.25	6.77	6.30	5.86	5.42
	10.1	9	7.20	6.74	6.28	5.82	5.37
	13.2	12	7.15	6.69	6.24	5.78	5.32
	16.9	15.5	7.10	6.64	6.18	5.73	5.27

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi 10 (m³/min)	10			4.41	3.23	5.27	3.66	5.70	3.77	6.07	3.83	6.80	4.13	7.06	4.01
	12			4.41	3.23	5.27	3.66	5.70	3.77	6.06	3.83	6.77	4.12	7.03	4.00
	14			4.41	3.23	5.27	3.66	5.70	3.77	6.05	3.82	6.75	4.11	7.00	3.99
	16			4.41	3.23	5.27	3.66	5.70	3.77	6.04	3.82	6.72	4.10	6.97	3.97
	18			4.41	3.23	5.27	3.66	5.70	3.77	6.03	3.81	6.70	4.09	6.94	3.96
	20			4.41	3.23	5.27	3.66	5.70	3.77	6.03	3.81	6.67	4.08	6.90	3.95
	22			4.40	3.22	5.27	3.66	5.70	3.77	6.00	3.80	6.59	4.04	6.81	3.91
	24			4.40	3.22	5.27	3.66	5.70	3.77	5.97	3.79	6.50	4.00	6.72	3.88
	26			4.39	3.22	5.24	3.65	5.65	3.74	5.90	3.76	6.40	3.96	6.61	3.83
	28	3.98	3.16	4.39	3.22	5.22	3.64	5.60	3.72	5.83	3.72	6.30	3.92	6.51	3.80
	30	3.98	3.16	4.38	3.21	5.18	3.62	5.54	3.69	5.76	3.69	6.20	3.87	6.41	3.75
	32	3.98	3.16	4.37	3.21	5.14	3.60	5.49	3.67	5.69	3.66	6.11	3.84	6.31	3.72
	34	3.98	3.16	4.35	3.20	5.12	3.59	5.42	3.64	5.60	3.62	5.98	3.78	6.18	3.67
	35	3.98	3.16	4.35	3.20	5.11	3.59	5.38	3.62	5.56	3.61	5.91	3.75	6.12	3.65
	36	3.98	3.16	4.34	3.19	5.07	3.57	5.35	3.61	5.50	3.58	5.81	3.71	6.00	3.60
	38	3.98	3.16	4.33	3.19	5.00	3.54	5.30	3.58	5.40	3.54	5.60	3.63	5.76	3.51
	39	3.98	3.16	4.33	3.19	4.96	3.52	5.27	3.57	5.34	3.51	5.49	3.59	5.64	3.47
	41	3.98	3.16	4.31	3.18	4.81	3.45	5.06	3.48	5.12	3.42	5.25	3.49	5.38	3.38
	43	3.98	3.16	4.30	3.17	4.66	3.38	4.84	3.38	4.90	3.32	5.00	3.39	5.11	3.28

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
Hi 10 (m³/min)	-19.8	-20	3.52	3.52	3.52	3.52	3.52
	-17.8	-18	3.75	3.75	3.75	3.75	3.75
	-15.7	-16	3.97	3.97	3.97	3.97	3.97
	-13.7	-14	4.20	4.20	4.20	4.20	4.20
	-11.7	-12	4.43	4.43	4.43	4.43	4.43
	-9.6	-10	4.65	4.65	4.65	4.65	4.65
	-7.5	-8	4.94	4.94	4.94	4.94	4.94
	-5.5	-6	5.22	5.22	5.22	5.22	5.22
	-3.4	-4	5.40	5.39	5.39	5.33	5.28
	-1.3	-2	5.58	5.57	5.55	5.45	5.34
	0.8	0	5.89	5.80	5.72	5.52	5.31
	3.9	3	6.39	6.16	5.93	5.60	5.27
	7.0	6	6.98	6.53	6.07	5.65	5.22
	10.1	9	6.93	6.49	6.05	5.61	5.17
	13.2	12	6.89	6.45	6.01	5.57	5.13
	16.9	15.5	6.84	6.40	5.96	5.52	5.08

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me 9 (m³/min)	10			4.11	2.97	4.92	3.38	5.32	3.48	5.66	3.54	6.34	3.81	6.58	3.70
	12			4.11	2.97	4.92	3.38	5.32	3.48	5.65	3.54	6.32	3.81	6.56	3.69
	14			4.11	2.97	4.92	3.38	5.32	3.48	5.65	3.54	6.30	3.80	6.53	3.68
	16			4.11	2.97	4.92	3.38	5.32	3.48	5.64	3.53	6.27	3.78	6.50	3.67
	18			4.11	2.97	4.92	3.38	5.32	3.48	5.63	3.53	6.25	3.78	6.47	3.66
	20			4.11	2.97	4.92	3.38	5.32	3.48	5.62	3.53	6.23	3.77	6.44	3.64
	22			4.11	2.97	4.92	3.38	5.32	3.48	5.60	3.52	6.15	3.73	6.35	3.61
	24			4.10	2.97	4.92	3.38	5.32	3.48	5.57	3.50	6.07	3.70	6.27	3.58
	26			4.10	2.97	4.89	3.37	5.27	3.45	5.51	3.47	5.97	3.65	6.17	3.54
	28	3.71	2.91	4.10	2.97	4.87	3.36	5.22	3.43	5.44	3.44	5.88	3.62	6.07	3.50
	30	3.71	2.91	4.09	2.96	4.83	3.34	5.17	3.41	5.38	3.41	5.79	3.58	5.98	3.46
	32	3.71	2.91	4.08	2.96	4.79	3.32	5.12	3.39	5.31	3.38	5.70	3.54	5.89	3.43
	34	3.71	2.91	4.06	2.95	4.78	3.31	5.05	3.35	5.23	3.34	5.58	3.49	5.77	3.38
	35	3.71	2.91	4.06	2.95	4.77	3.31	5.02	3.34	5.19	3.33	5.52	3.46	5.71	3.36
	36	3.71	2.91	4.05	2.94	4.73	3.29	4.99	3.33	5.14	3.31	5.42	3.42	5.60	3.31
	38	3.71	2.91	4.04	2.94	4.66	3.26	4.94	3.30	5.04	3.26	5.22	3.34	5.38	3.23
	39	3.71	2.91	4.04	2.94	4.63	3.24	4.92	3.29	4.99	3.24	5.12	3.30	5.27	3.19
	41	3.71	2.91	4.02	2.93	4.49	3.18	4.72	3.20	4.78	3.15	4.89	3.21	5.02	3.10
	43	3.71	2.91	4.01	2.92	4.35	3.11	4.52	3.11	4.57	3.06	4.67	3.12	4.77	3.02

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
Me 9 (m³/min)	-19.8	-20	3.22	3.22	3.22	3.22	3.22
	-17.8	-18	3.43	3.43	3.43	3.43	3.43
	-15.7	-16	3.64	3.64	3.64	3.64	3.64
	-13.7	-14	3.85	3.85	3.85	3.85	3.85
	-11.7	-12	4.06	4.06	4.06	4.06	4.06
	-9.6	-10	4.26	4.26	4.26	4.26	4.26
	-7.5	-8	4.52	4.52	4.52	4.52	4.52
	-5.5	-6	4.78	4.78	4.78	4.78	4.78
	-3.4	-4	4.95	4.94	4.93	4.89	4.84
	-1.3	-2	5.12	5.10	5.09	4.99	4.89
	0.8	0	5.39	5.32	5.24	5.05	4.87
	3.9	3	5.85	5.64	5.43	5.13	4.82
	7.0	6	6.39	5.98	5.56	5.17	4.78
	10.1	9	6.35	5.95	5.54	5.14	4.74
	13.2	12	6.31	5.91	5.50	5.10	4.70
	16.9	15.5	6.26	5.86	5.46	5.05	4.65

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Lo 8 (m³/min)	10			3.80	2.71	4.55	3.09	4.92	3.19	5.23	3.24	5.86	3.49	6.09	3.39
	12			3.80	2.71	4.55	3.09	4.92	3.19	5.23	3.24	5.84	3.49	6.06	3.38
	14			3.80	2.71	4.55	3.09	4.92	3.19	5.22	3.24	5.82	3.48	6.03	3.37
	16			3.80	2.71	4.55	3.09	4.92	3.19	5.21	3.23	5.80	3.47	6.01	3.36
	18			3.80	2.71	4.55	3.09	4.92	3.19	5.20	3.23	5.78	3.46	5.98	3.35
	20			3.80	2.71	4.55	3.09	4.92	3.19	5.20	3.23	5.76	3.45	5.95	3.33
	22			3.80	2.71	4.54	3.08	4.92	3.19	5.17	3.21	5.68	3.41	5.87	3.30
	24			3.79	2.71	4.54	3.08	4.92	3.19	5.15	3.20	5.61	3.38	5.79	3.26
	26			3.79	2.71	4.52	3.07	4.87	3.16	5.09	3.18	5.52	3.34	5.70	3.23
	28	3.43	2.66	3.79	2.71	4.50	3.06	4.83	3.14	5.03	3.15	5.43	3.30	5.61	3.19
	30	3.43	2.66	3.78	2.70	4.47	3.05	4.78	3.12	4.97	3.12	5.35	3.27	5.53	3.16
	32	3.43	2.66	3.77	2.70	4.43	3.03	4.73	3.09	4.91	3.09	5.27	3.23	5.45	3.13
	34	3.43	2.66	3.76	2.69	4.42	3.03	4.67	3.06	4.83	3.05	5.16	3.19	5.33	3.08
	35	3.43	2.66	3.75	2.69	4.41	3.02	4.64	3.05	4.79	3.04	5.10	3.16	5.28	3.06
	36	3.43	2.66	3.74	2.68	4.37	3.00	4.62	3.04	4.75	3.02	5.01	3.12	5.18	3.02
	38	3.43	2.66	3.74	2.68	4.31	2.97	4.57	3.02	4.66	2.98	4.83	3.04	4.97	2.94
	39	3.43	2.66	3.73	2.68	4.28	2.96	4.55	3.01	4.61	2.96	4.73	3.00	4.87	2.91
	41	3.43	2.66	3.72	2.67	4.15	2.90	4.36	2.92	4.42	2.87	4.52	2.92	4.64	2.82
	43	3.43	2.66	3.70	2.66	4.02	2.84	4.18	2.84	4.22	2.79	4.31	2.84	4.41	2.74

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
Lo 8 (m³/min)	-19.8	-20	3.00	3.00	3.00	3.00	3.00
	-17.8	-18	3.19	3.19	3.19	3.19	3.19
	-15.7	-16	3.38	3.38	3.38	3.38	3.38
	-13.7	-14	3.58	3.58	3.58	3.58	3.58
	-11.7	-12	3.77	3.77	3.77	3.77	3.77
	-9.6	-10	3.96	3.96	3.96	3.96	3.96
	-7.5	-8	4.20	4.20	4.20	4.20	4.20
	-5.5	-6	4.45	4.45	4.45	4.45	4.45
	-3.4	-4	4.60	4.59	4.59	4.54	4.50
	-1.3	-2	4.76	4.74	4.73	4.64	4.55
	0.8	0	5.01	4.94	4.87	4.70	4.52
	3.9	3	5.44	5.25	5.05	4.77	4.48
	7.0	6	5.95	5.56	5.17	4.81	4.45
	10.1	9	5.91	5.53	5.15	4.78	4.41
	13.2	12	5.87	5.49	5.12	4.74	4.37
	16.9	15.5	5.82	5.45	5.07	4.70	4.32

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJG000Z022

Model **FDUM71KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi 24 (m³/min)	10			5.82	5.32	6.96	6.01	7.53	6.12	8.01	6.19	8.97	6.70	9.31	6.54
	12			5.82	5.32	6.96	6.01	7.53	6.12	8.00	6.19	8.94	6.69	9.27	6.52
	14			5.82	5.32	6.96	6.01	7.53	6.12	7.99	6.18	8.90	6.68	9.23	6.51
	16			5.82	5.32	6.96	6.01	7.53	6.12	7.97	6.16	8.87	6.67	9.19	6.50
	18			5.82	5.32	6.96	6.01	7.53	6.12	7.96	6.16	8.84	6.66	9.15	6.49
	20			5.82	5.32	6.96	6.01	7.53	6.12	7.95	6.15	8.81	6.63	9.11	6.48
	22			5.81	5.31	6.95	6.00	7.53	6.12	7.92	6.14	8.70	6.60	8.99	6.44
	24			5.80	5.31	6.95	6.00	7.53	6.12	7.88	6.13	8.58	6.56	8.86	6.40
	26			5.80	5.31	6.92	5.99	7.46	6.10	7.79	6.10	8.45	6.51	8.73	6.35
	28	5.25	5.04	5.79	5.31	6.89	5.98	7.38	6.07	7.69	6.06	8.31	6.46	8.59	6.31
	30	5.25	5.04	5.78	5.30	6.83	5.96	7.31	6.03	7.60	6.03	8.19	6.42	8.46	6.27
	32	5.25	5.04	5.77	5.30	6.78	5.94	7.24	6.00	7.51	6.00	8.06	6.38	8.33	6.23
	34	5.25	5.04	5.75	5.29	6.76	5.93	7.15	5.97	7.39	5.94	7.89	6.32	8.16	6.17
	35	5.25	5.04	5.74	5.29	6.75	5.93	7.10	5.95	7.33	5.92	7.80	6.28	8.08	6.14
	36	5.25	5.04	5.73	5.28	6.69	5.91	7.06	5.94	7.26	5.90	7.66	6.23	7.92	6.10
	38	5.25	5.04	5.72	5.28	6.59	5.86	6.99	5.91	7.12	5.85	7.38	6.14	7.61	5.99
	39	5.25	5.04	5.71	5.27	6.54	5.84	6.96	5.90	7.05	5.83	7.24	6.08	7.45	5.95
	41	5.25	5.04	5.69	5.27	6.35	5.77	6.67	5.78	6.76	5.71	6.92	5.98	7.10	5.84
	43	5.25	5.04	5.67	5.26	6.15	5.69	6.39	5.68	6.46	5.61	6.60	5.87	6.75	5.73

Heating mode (kW)

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
P-Hi 24 (m³/min)	-19.8	-20	4.64	4.64	4.64	4.64	4.64
	-17.8	-18	4.94	4.94	4.94	4.94	4.94
	-15.7	-16	5.24	5.24	5.24	5.24	5.24
	-13.7	-14	5.54	5.54	5.54	5.54	5.54
	-11.7	-12	5.83	5.83	5.83	5.83	5.83
	-9.6	-10	6.13	6.13	6.13	6.13	6.13
	-7.5	-8	6.51	6.51	6.51	6.51	6.51
	-5.5	-6	6.88	6.88	6.88	6.88	6.88
	-3.4	-4	7.12	7.11	7.10	7.03	6.96
	-1.3	-2	7.36	7.34	7.32	7.18	7.04
	0.8	0	7.76	7.65	7.54	7.27	7.00
	3.9	3	8.42	8.12	7.82	7.38	6.94
	7.0	6	9.20	8.60	8.00	7.44	6.88
	10.1	9	9.14	8.56	7.97	7.40	6.82
	13.2	12	9.08	8.50	7.92	7.34	6.76
	16.9	15.5	9.01	8.43	7.85	7.27	6.69

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi 19 (m³/min)	10			5.65	4.71	6.75	5.33	7.30	5.44	7.77	5.50	8.70	5.95	9.04	5.81
	12			5.65	4.71	6.75	5.33	7.30	5.44	7.76	5.50	8.67	5.94	9.00	5.79
	14			5.65	4.71	6.75	5.33	7.30	5.44	7.75	5.50	8.64	5.93	8.96	5.77
	16			5.65	4.71	6.75	5.33	7.30	5.44	7.74	5.49	8.61	5.92	8.92	5.76
	18			5.65	4.71	6.75	5.33	7.30	5.44	7.73	5.49	8.58	5.91	8.88	5.75
	20			5.65	4.71	6.75	5.33	7.30	5.44	7.72	5.49	8.55	5.90	8.84	5.74
	22			5.64	4.71	6.75	5.33	7.30	5.44	7.68	5.47	8.44	5.85	8.72	5.70
	24			5.63	4.70	6.75	5.33	7.30	5.44	7.65	5.46	8.33	5.81	8.60	5.65
	26			5.63	4.70	6.71	5.30	7.23	5.41	7.56	5.43	8.20	5.77	8.47	5.61
	28	5.10	4.65	5.62	4.70	6.68	5.29	7.17	5.38	7.47	5.39	8.07	5.71	8.34	5.57
	30	5.10	4.65	5.61	4.69	6.63	5.27	7.10	5.36	7.38	5.35	7.94	5.67	8.21	5.51
	32	5.10	4.65	5.59	4.68	6.58	5.25	7.03	5.33	7.29	5.32	7.82	5.63	8.09	5.48
	34	5.10	4.65	5.58	4.68	6.56	5.24	6.94	5.29	7.18	5.28	7.66	5.56	7.92	5.42
	35	5.10	4.65	5.57	4.68	6.55	5.24	6.89	5.27	7.12	5.25	7.57	5.53	7.84	5.40
	36	5.10	4.65	5.56	4.67	6.50	5.22	6.86	5.25	7.05	5.22	7.44	5.49	7.68	5.34
	38	5.10	4.65	5.55	4.67	6.40	5.18	6.79	5.23	6.91	5.17	7.17	5.39	7.38	5.25
	39	5.10	4.65	5.54	4.66	6.35	5.16	6.75	5.21	6.84	5.14	7.03	5.34	7.23	5.19
	41	5.10	4.65	5.52	4.65	6.16	5.08	6.48	5.11	6.56	5.03	6.72	5.23	6.89	5.09
	43	5.10	4.65	5.50	4.65	5.97	5.00	6.20	5.00	6.27	4.92	6.41	5.11	6.55	4.98

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
Hi 19 (m³/min)	-19.8	-20	4.49	4.49	4.49	4.49	4.49
	-17.8	-18	4.78	4.78	4.78	4.78	4.78
	-15.7	-16	5.07	5.07	5.07	5.07	5.07
	-13.7	-14	5.36	5.36	5.36	5.36	5.36
	-11.7	-12	5.65	5.65	5.65	5.65	5.65
	-9.6	-10	5.93	5.93	5.93	5.93	5.93
	-7.5	-8	6.30	6.30	6.30	6.30	6.30
	-5.5	-6	6.66	6.66	6.66	6.66	6.66
	-3.4	-4	6.89	6.88	6.87	6.80	6.73
	-1.3	-2	7.12	7.10	7.08	6.95	6.81
	0.8	0	7.51	7.40	7.29	7.03	6.77
	3.9	3	8.15	7.86	7.57	7.14	6.71
	7.0	6	8.90	8.32	7.74	7.20	6.66
	10.1	9	8.84	8.28	7.71	7.15	6.60
	13.2	12	8.78	8.22	7.66	7.10	6.54
	16.9	15.5	8.72	8.16	7.59	7.03	6.47

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me 15 (m³/min)	10			5.37	4.17	6.42	4.71	6.94	4.84	7.39	4.91	8.27	5.29	8.59	5.15
	12			5.37	4.17	6.42	4.71	6.94	4.84	7.38	4.91	8.24	5.28	8.55	5.13
	14			5.37	4.17	6.42	4.71	6.94	4.84	7.37	4.90	8.21	5.27	8.52	5.12
	16			5.37	4.17	6.42	4.71	6.94	4.84	7.36	4.90	8.18	5.25	8.48	5.11
	18			5.37	4.17	6.42	4.71	6.94	4.84	7.35	4.89	8.15	5.24	8.44	5.10
	20			5.37	4.17	6.42	4.71	6.94	4.84	7.34	4.88	8.12	5.23	8.41	5.08
	22			5.36	4.16	6.42	4.71	6.94	4.84	7.30	4.87	8.02	5.19	8.29	5.04
	24			5.35	4.16	6.41	4.70	6.94	4.84	7.27	4.86	7.92	5.15	8.18	5.00
	26			5.35	4.16	6.38	4.69	6.88	4.81	7.18	4.82	7.79	5.10	8.05	4.95
	28	4.85	4.10	5.34	4.15	6.35	4.68	6.81	4.78	7.10	4.79	7.67	5.05	7.93	4.91
	30	4.85	4.10	5.33	4.15	6.30	4.66	6.75	4.74	7.02	4.75	7.55	5.00	7.81	4.87
	32	4.85	4.10	5.32	4.14	6.26	4.64	6.68	4.71	6.93	4.70	7.44	4.96	7.69	4.82
	34	4.85	4.10	5.30	4.14	6.23	4.63	6.59	4.67	6.82	4.66	7.28	4.90	7.53	4.77
	35	4.85	4.10	5.29	4.13	6.22	4.62	6.55	4.66	6.77	4.64	7.20	4.87	7.45	4.74
	36	4.85	4.10	5.29	4.13	6.18	4.61	6.52	4.64	6.70	4.61	7.07	4.82	7.31	4.69
	38	4.85	4.10	5.27	4.12	6.08	4.57	6.45	4.62	6.57	4.56	6.81	4.72	7.02	4.58
	39	4.85	4.10	5.27	4.12	6.03	4.54	6.42	4.60	6.51	4.53	6.68	4.67	6.87	4.53
	41	4.85	4.10	5.25	4.11	5.85	4.47	6.16	4.50	6.23	4.43	6.39	4.57	6.55	4.42
	43	4.85	4.10	5.23	4.11	5.67	4.39	5.90	4.39	5.96	4.32	6.09	4.45	6.23	4.30

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
Me 15 (m³/min)	-19.8	-20	4.22	4.22	4.22	4.22	4.22
	-17.8	-18	4.49	4.49	4.49	4.49	4.49
	-15.7	-16	4.76	4.76	4.76	4.76	4.76
	-13.7	-14	5.03	5.03	5.03	5.03	5.03
	-11.7	-12	5.30	5.30	5.30	5.30	5.30
	-9.6	-10	5.57	5.57	5.57	5.57	5.57
	-7.5	-8	5.91	5.91	5.91	5.91	5.91
	-5.5	-6	6.25	6.25	6.25	6.25	6.25
	-3.4	-4	6.47	6.46	6.45	6.39	6.32
	-1.3	-2	6.69	6.67	6.65	6.52	6.40
	0.8	0	7.05	6.95	6.85	6.61	6.36
	3.9	3	7.65	7.38	7.11	6.71	6.31
	7.0	6	8.36	7.82	7.27	6.76	6.25
	10.1	9	8.31	7.77	7.24	6.72	6.20
	13.2	12	8.25	7.72	7.20	6.67	6.14
	16.9	15.5	8.19	7.66	7.13	6.61	6.08

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Lo 10 (m³/min)	10			4.81	3.39	5.75	3.86	6.22	3.99	6.62	4.07	7.42	4.38	7.70	4.24
	12			4.81	3.39	5.75	3.86	6.22	3.99	6.61	4.06	7.39	4.37	7.67	4.23
	14			4.81	3.39	5.75	3.86	6.22	3.99	6.60	4.06	7.36	4.35	7.63	4.21
	16			4.81	3.39	5.75	3.86	6.22	3.99	6.59	4.05	7.33	4.34	7.60	4.20
	18			4.81	3.39	5.75	3.86	6.22	3.99	6.58	4.05	7.31	4.33	7.57	4.19
	20			4.81	3.39	5.75	3.86	6.22	3.99	6.58	4.05	7.28	4.31	7.53	4.17
	22			4.80	3.38	5.75	3.86	6.22	3.99	6.54	4.03	7.19	4.27	7.43	4.13
	24			4.80	3.38	5.75	3.86	6.22	3.99	6.51	4.02	7.10	4.23	7.33	4.09
	26			4.79	3.38	5.72	3.85	6.16	3.95	6.44	3.98	6.99	4.19	7.22	4.04
	28	4.34	3.31	4.79	3.38	5.69	3.83	6.10	3.92	6.36	3.94	6.87	4.13	7.10	3.99
	30	4.34	3.31	4.78	3.37	5.65	3.81	6.05	3.90	6.29	3.90	6.77	4.08	7.00	3.95
	32	4.34	3.31	4.77	3.37	5.61	3.79	5.99	3.87	6.21	3.87	6.66	4.04	6.89	3.91
	34	4.34	3.31	4.75	3.36	5.59	3.78	5.91	3.83	6.11	3.82	6.52	3.97	6.75	3.85
	35	4.34	3.31	4.74	3.36	5.58	3.78	5.87	3.82	6.06	3.80	6.45	3.95	6.68	3.82
	36	4.34	3.31	4.74	3.36	5.53	3.75	5.84	3.80	6.01	3.78	6.34	3.90	6.55	3.77
	38	4.34	3.31	4.73	3.35	5.45	3.72	5.78	3.77	5.89	3.72	6.10	3.79	6.29	3.67
	39	4.34	3.31	4.72	3.35	5.41	3.69	5.75	3.76	5.83	3.69	5.99	3.75	6.16	3.62
	41	4.34	3.31	4.70	3.34	5.25	3.62	5.52	3.65	5.59	3.58	5.72	3.64	5.87	3.51
	43	4.34	3.31	4.69	3.33	5.08	3.54	5.28	3.54	5.34	3.47	5.46	3.53	5.58	3.39

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
Lo 10 (m³/min)	-19.8	-20	3.77	3.77	3.77	3.77	3.77
	-17.8	-18	4.01	4.01	4.01	4.01	4.01
	-15.7	-16	4.26	4.26	4.26	4.26	4.26
	-13.7	-14	4.50	4.50	4.50	4.50	4.50
	-11.7	-12	4.74	4.74	4.74	4.74	4.74
	-9.6	-10	4.98	4.98	4.98	4.98	4.98
	-7.5	-8	5.29	5.29	5.29	5.29	5.29
	-5.5	-6	5.59	5.59	5.59	5.59	5.59
	-3.4	-4	5.79	5.78	5.77	5.71	5.66
	-1.3	-2	5.98	5.96	5.95	5.83	5.72
	0.8	0	6.31	6.22	6.13	5.91	5.69
	3.9	3	6.84	6.60	6.35	6.00	5.64
	7.0	6	7.48	6.99	6.50	6.05	5.59
	10.1	9	7.43	6.95	6.48	6.01	5.54
	13.2	12	7.38	6.91	6.44	5.96	5.49
	16.9	15.5	7.32	6.85	6.38	5.91	5.44

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJG000Z022

Model **FDUM90KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			7.38	6.01	8.82	6.77	9.54	6.94	10.15	7.03	11.37	7.59	11.80	7.40
	12			7.38	6.01	8.82	6.77	9.54	6.94	10.14	7.03	11.33	7.58	11.75	7.39
	14			7.38	6.01	8.82	6.77	9.54	6.94	10.12	7.02	11.29	7.56	11.70	7.36
	16			7.38	6.01	8.82	6.77	9.54	6.94	10.11	7.02	11.25	7.55	11.65	7.34
	18			7.38	6.01	8.82	6.77	9.54	6.94	10.09	7.01	11.20	7.53	11.60	7.33
P-Hi	20			7.38	6.01	8.82	6.77	9.54	6.94	10.08	7.01	11.16	7.52	11.55	7.31
	22			7.37	6.00	8.82	6.77	9.54	6.94	10.03	6.99	11.02	7.45	11.39	7.24
24	24			7.36	6.00	8.81	6.76	9.54	6.94	9.99	6.97	10.88	7.41	11.24	7.20
(m^3/min)	26			7.35	5.99	8.77	6.75	9.45	6.91	9.87	6.91	10.71	7.33	11.06	7.14
	28	6.66	5.92	7.34	5.99	8.73	6.73	9.36	6.86	9.75	6.87	10.54	7.28	10.89	7.08
	30	6.66	5.92	7.33	5.97	8.66	6.70	9.27	6.80	9.64	6.83	10.38	7.21	10.73	7.03
	32	6.66	5.92	7.31	5.97	8.60	6.68	9.18	6.77	9.53	6.75	10.22	7.15	10.56	6.93
	34	6.66	5.92	7.28	5.95	8.57	6.67	9.06	6.72	9.37	6.69	10.00	7.04	10.35	6.87
	35	6.66	5.92	7.27	5.95	8.55	6.66	9.00	6.70	9.30	6.67	9.89	7.01	10.24	6.83
	36	6.66	5.92	7.26	5.94	8.49	6.64	8.96	6.68	9.21	6.63	9.72	6.95	10.04	6.77
	38	6.66	5.92	7.25	5.94	8.36	6.59	8.87	6.65	9.03	6.57	9.36	6.83	9.64	6.65
	39	6.66	5.92	7.24	5.94	8.29	6.56	8.82	6.63	8.94	6.54	9.18	6.77	9.44	6.59
	41	6.66	5.92	7.21	5.92	8.04	6.45	8.46	6.49	8.56	6.40	8.77	6.62	9.00	6.44
	43	6.66	5.92	7.19	5.92	7.80	6.36	8.10	6.34	8.19	6.25	8.37	6.49	8.56	6.30

Heating mode (kW)

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
	-19.8	-20	5.80	5.80	5.80	5.80	5.80
	-17.8	-18	6.17	6.17	6.17	6.17	6.17
	-15.7	-16	6.55	6.55	6.55	6.55	6.55
	-13.7	-14	6.92	6.92	6.92	6.92	6.92
	-11.7	-12	7.29	7.29	7.29	7.29	7.29
P-Hi	-9.6	-10	7.67	7.67	7.67	7.67	7.67
	-7.5	-8	8.13	8.13	8.13	8.13	8.13
24	-5.5	-6	8.60	8.60	8.60	8.60	8.60
(m^3/min)	-3.4	-4	8.90	8.89	8.88	8.79	8.70
	-1.3	-2	9.20	9.18	9.15	8.98	8.80
	0.8	0	9.70	9.56	9.43	9.09	8.75
	3.9	3	10.53	10.15	9.78	9.23	8.68
	7.0	6	11.50	10.75	10.00	9.30	8.60
	10.1	9	11.43	10.69	9.96	9.24	8.53
	13.2	12	11.35	10.63	9.90	9.18	8.45
	16.9	15.5	11.26	10.54	9.81	9.09	8.36

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			7.25	5.45	8.67	6.17	9.38	6.35	9.98	6.44	11.18	6.94	11.61	6.75
	12			7.25	5.45	8.67	6.17	9.38	6.35	9.97	6.44	11.14	6.93	11.56	6.73
	14			7.25	5.45	8.67	6.17	9.38	6.35	9.95	6.43	11.10	6.91	11.51	6.71
	16			7.25	5.45	8.67	6.17	9.38	6.35	9.94	6.43	11.06	6.90	11.46	6.69
	18			7.25	5.45	8.67	6.17	9.38	6.35	9.93	6.42	11.02	6.87	11.41	6.68
Hi	20			7.25	5.45	8.67	6.17	9.38	6.35	9.91	6.41	10.98	6.86	11.36	6.65
	22			7.24	5.44	8.67	6.17	9.38	6.35	9.87	6.40	10.84	6.81	11.20	6.59
19	24			7.23	5.44	8.67	6.17	9.38	6.35	9.82	6.37	10.70	6.74	11.05	6.53
(m^3/min)	26			7.23	5.44	8.62	6.15	9.29	6.30	9.71	6.32	10.53	6.67	10.88	6.47
	28	6.55	5.34	7.22	5.43	8.58	6.13	9.20	6.24	9.59	6.27	10.36	6.61	10.71	6.41
	30	6.55	5.34	7.20	5.42	8.52	6.10	9.12	6.21	9.48	6.21	10.20	6.54	10.55	6.35
	32	6.55	5.34	7.19	5.42	8.45	6.07	9.03	6.17	9.37	6.16	10.05	6.47	10.39	6.29
	34	6.55	5.34	7.16	5.40	8.42	6.06	8.91	6.12	9.22	6.10	9.83	6.39	10.17	6.21
	35	6.55	5.34	7.15	5.39	8.41	6.06	8.85	6.10	9.14	6.07	9.73	6.35	10.07	6.17
	36	6.55	5.34	7.14	5.39	8.34	6.02	8.81	6.08	9.05	6.04	9.55	6.28	9.87	6.08
	38	6.55	5.34	7.12	5.38	8.22	5.97	8.72	6.05	8.88	5.97	9.20	6.13	9.48	5.95
	39	6.55	5.34	7.12	5.38	8.15	5.94	8.67	6.02	8.79	5.93	9.03	6.07	9.28	5.89
	41	6.55	5.34	7.09	5.37	7.91	5.83	8.32	5.87	8.42	5.77	8.63	5.93	8.85	5.74
	43	6.55	5.34	7.07	5.36	7.67	5.72	7.97	5.72	8.05	5.62	8.23	5.78	8.41	5.59

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
	-19.8	-20	5.66	5.66	5.66	5.66	5.66
	-17.8	-18	6.02	6.02	6.02	6.02	6.02
	-15.7	-16	6.38	6.38	6.38	6.38	6.38
	-13.7	-14	6.75	6.75	6.75	6.75	6.75
	-11.7	-12	7.11	7.11	7.11	7.11	7.11
Hi	-9.6	-10	7.48	7.48	7.48	7.48	7.48
	-7.5	-8	7.93	7.93	7.93	7.93	7.93
19	-5.5	-6	8.39	8.39	8.39	8.39	8.39
(m^3/min)	-3.4	-4	8.68	8.67	8.65	8.57	8.48
	-1.3	-2	8.97	8.95	8.92	8.75	8.58
	0.8	0	9.46	9.32	9.19	8.86	8.53
	3.9	3	10.26	9.90	9.53	8.99	8.46
	7.0	6	11.21	10.48	9.75	9.07	8.39
	10.1	9	11.14	10.43	9.71	9.01	8.31
	13.2	12	11.07	10.36	9.65	8.95	8.24
	16.9	15.5	10.98	10.27	9.57	8.86	8.15

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			6.89	4.90	8.23	5.57	8.90	5.74	9.47	5.85	10.61	6.30	11.02	6.12
	12			6.89	4.90	8.23	5.57	8.90	5.74	9.46	5.84	10.57	6.29	10.97	6.09
	14			6.89	4.90	8.23	5.57	8.90	5.74	9.45	5.84	10.53	6.27	10.92	6.07
	16			6.89	4.90	8.23	5.57	8.90	5.74	9.43	5.83	10.50	6.26	10.88	6.06
	18			6.89	4.90	8.23	5.57	8.90	5.74	9.42	5.83	10.46	6.23	10.83	6.04
Me	20			6.89	4.90	8.23	5.57	8.90	5.74	9.41	5.82	10.42	6.22	10.78	6.01
	22			6.88	4.89	8.23	5.57	8.90	5.74	9.37	5.80	10.29	6.16	10.63	5.95
15	24			6.87	4.89	8.22	5.56	8.90	5.74	9.32	5.78	10.16	6.10	10.49	5.89
(m^3/min)	26			6.86	4.88	8.19	5.55	8.82	5.70	9.21	5.72	10.00	6.03	10.33	5.83
	28	6.22	4.79	6.85	4.88	8.15	5.53	8.74	5.66	9.10	5.67	9.84	5.96	10.16	5.76
	30	6.22	4.79	6.84	4.87	8.09	5.50	8.65	5.62	9.00	5.63	9.69	5.89	10.01	5.70
	32	6.22	4.79	6.82	4.86	8.02	5.46	8.57	5.58	8.89	5.58	9.54	5.83	9.86	5.64
	34	6.22	4.79	6.80	4.85	7.99	5.45	8.46	5.53	8.75	5.51	9.33	5.74	9.66	5.56
	35	6.22	4.79	6.79	4.84	7.98	5.44	8.40	5.50	8.68	5.48	9.23	5.69	9.55	5.52
	36	6.22	4.79	6.78	4.84	7.92	5.42	8.36	5.48	8.59	5.44	9.07	5.63	9.37	5.43
	38	6.22	4.79	6.76	4.83	7.80	5.35	8.27	5.44	8.43	5.37	8.74	5.48	9.00	5.30
	39	6.22	4.79	6.75	4.82	7.74	5.33	8.23	5.42	8.34	5.32	8.57	5.41	8.81	5.23
	41	6.22	4.79	6.73	4.81	7.51	5.22	7.90	5.27	7.99	5.17	8.19	5.26	8.40	5.08
	43	6.22	4.79	6.71	4.81	7.28	5.11	7.56	5.11	7.64	5.01	7.81	5.11	7.99	4.93

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
	-19.8	-20	5.34	5.34	5.34	5.34	5.34
	-17.8	-18	5.68	5.68	5.68	5.68	5.68
	-15.7	-16	6.02	6.02	6.02	6.02	6.02
	-13.7	-14	6.37	6.37	6.37	6.37	6.37
	-11.7	-12	6.71	6.71	6.71	6.71	6.71
Me	-9.6	-10	7.05	7.05	7.05	7.05	7.05
	-7.5	-8	7.48	7.48	7.48	7.48	7.48
15	-5.5	-6	7.91	7.91	7.91	7.91	7.91
(m^3/min)	-3.4	-4	8.19	8.18	8.17	8.08	8.00
	-1.3	-2	8.46	8.44	8.42	8.26	8.10
	0.8	0	8.92	8.80	8.67	8.36	8.05
	3.9	3	9.68	9.34	8.99	8.49	7.98
	7.0	6	10.58	9.89	9.20	8.56	7.91
	10.1	9	10.51	9.84	9.17	8.50	7.84
	13.2	12	10.44	9.78	9.11	8.44	7.77
	16.9	15.5	10.36	9.69	9.03	8.36	7.69

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			5.99	4.02	7.16	4.61	7.75	4.79	8.24	4.91	9.23	5.31	9.59	5.13
	12			5.99	4.02	7.16	4.61	7.75	4.79	8.23	4.91	9.20	5.29	9.55	5.11
	14			5.99	4.02	7.16	4.61	7.75	4.79	8.22	4.90	9.17	5.27	9.51	5.09
	16			5.99	4.02	7.16	4.61	7.75	4.79	8.21	4.90	9.13	5.25	9.46	5.06
	18			5.99	4.02	7.16	4.61	7.75	4.79	8.20	4.89	9.10	5.23	9.42	5.04
Lo	20			5.99	4.02	7.16	4.61	7.75	4.79	8.19	4.89	9.07	5.22	9.38	5.02
	22			5.98	4.01	7.16	4.61	7.75	4.79	8.15	4.86	8.95	5.15	9.25	4.96
10	24			5.98	4.01	7.16	4.61	7.75	4.79	8.11	4.84	8.84	5.09	9.13	4.90
(m^3/min)	26			5.97	4.01	7.12	4.59	7.68	4.75	8.02	4.79	8.70	5.02	8.99	4.83
	28	5.41	3.91	5.96	4.00	7.09	4.57	7.60	4.71	7.92	4.73	8.56	4.95	8.85	4.77
	30	5.41	3.91	5.95	4.00	7.04	4.54	7.53	4.67	7.83	4.68	8.43	4.88	8.71	4.70
	32	5.41	3.91	5.94	3.99	6.98	4.51	7.46	4.63	7.74	4.64	8.30	4.81	8.58	4.64
	34	5.41	3.91	5.92	3.98	6.96	4.50	7.36	4.58	7.61	4.57	8.12	4.72	8.40	4.56
	35	5.41	3.91	5.91	3.97	6.94	4.49	7.31	4.55	7.55	4.54	8.04	4.68	8.31	4.51
	36	5.41	3.91	5.90	3.97	6.89	4.46	7.27	4.53	7.48	4.50	7.89	4.61	8.15	4.44
	38	5.41	3.91	5.88	3.96	6.79	4.41	7.20	4.49	7.33	4.42	7.60	4.47	7.83	4.30
	39	5.41	3.91	5.88	3.96	6.73	4.37	7.16	4.47	7.26	4.39	7.46	4.40	7.67	4.23
	41	5.41	3.91	5.86	3.95	6.53	4.26	6.87	4.32	6.96	4.23	7.13	4.25	7.31	4.08
	43	5.41	3.91	5.84	3.93	6.33	4.16	6.58	4.17	6.65	4.08	6.80	4.10	6.95	3.93

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
	-19.8	-20	4.59	4.59	4.59	4.59	4.59
	-17.8	-18	4.89	4.89	4.89	4.89	4.89
	-15.7	-16	5.18	5.18	5.18	5.18	5.18
	-13.7	-14	5.48	5.48	5.48	5.48	5.48
	-11.7	-12	5.78	5.78	5.78	5.78	5.78
Lo	-9.6	-10	6.07	6.07	6.07	6.07	6.07
	-7.5	-8	6.44	6.44	6.44	6.44	6.44
10	-5.5	-6	6.81	6.81	6.81	6.81	6.81
(m^3/min)	-3.4	-4	7.05	7.04	7.03	6.96	6.89
	-1.3	-2	7.29	7.27	7.25	7.11	6.97
	0.8	0	7.68	7.57	7.46	7.20	6.93
	3.9	3	8.34	8.04	7.74	7.31	6.87
	7.0	6	9.11	8.51	7.92	7.37	6.81
	10.1	9	9.05	8.47	7.89	7.32	6.75
	13.2	12	8.99	8.42	7.84	7.27	6.69
	16.9	15.5	8.92	8.35	7.77	7.20	6.62

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)

(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJG000Z022

Model **FDUM112KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			9.18	7.72	10.97	8.72	11.87	8.91	12.63	9.01	14.15	9.75	14.69	9.51
	12			9.18	7.72	10.97	8.72	11.87	8.91	12.61	9.00	14.10	9.71	14.63	9.43
	14			9.18	7.72	10.97	8.72	11.87	8.91	12.60	9.00	14.05	9.70	14.56	9.41
	16			9.18	7.72	10.97	8.72	11.87	8.91	12.58	8.99	14.00	9.69	14.50	9.40
	18			9.18	7.72	10.97	8.72	11.87	8.91	12.56	8.98	13.94	9.67	14.44	9.38
P-Hi	20			9.18	7.72	10.97	8.72	11.87	8.91	12.55	8.98	13.89	9.65	14.37	9.36
	22			9.17	7.72	10.97	8.72	11.87	8.91	12.49	8.96	13.72	9.54	14.18	9.31
36	24			9.15	7.71	10.97	8.72	11.87	8.91	12.43	8.94	13.54	9.48	13.98	9.25
(m³/min)	26			9.15	7.71	10.92	8.70	11.76	8.87	12.28	8.87	13.33	9.42	13.77	9.19
	28	8.29	7.59	9.14	7.71	10.86	8.66	11.65	8.81	12.14	8.82	13.11	9.35	13.55	9.11
	30	8.29	7.59	9.12	7.68	10.78	8.63	11.54	8.77	12.00	8.76	12.91	9.27	13.35	9.04
	32	8.29	7.59	9.09	7.67	10.70	8.60	11.42	8.71	11.85	8.71	12.71	9.21	13.15	8.98
	34	8.29	7.59	9.06	7.66	10.66	8.59	11.27	8.66	11.66	8.62	12.45	9.11	12.87	8.88
	35	8.29	7.59	9.05	7.65	10.64	8.58	11.20	8.63	11.57	8.59	12.31	9.05	12.74	8.85
	36	8.29	7.59	9.04	7.65	10.56	8.55	11.14	8.61	11.46	8.56	12.09	8.98	12.49	8.76
	38	8.29	7.59	9.02	7.64	10.40	8.48	11.03	8.56	11.24	8.47	11.65	8.83	12.00	8.60
	39	8.29	7.59	9.00	7.60	10.32	8.45	10.98	8.54	11.13	8.43	11.43	8.75	11.75	8.52
	41	8.29	7.59	8.97	7.59	10.01	8.32	10.53	8.37	10.66	8.24	10.92	8.58	11.20	8.28
	43	8.29	7.59	8.94	7.58	9.70	8.19	10.08	8.17	10.19	8.06	10.41	8.34	10.65	8.13

Heating mode (kW)

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
	-19.8	-20	7.25	7.25	7.25	7.25	7.25
	-17.8	-18	7.72	7.72	7.72	7.72	7.72
	-15.7	-16	8.18	8.18	8.18	8.18	8.18
	-13.7	-14	8.65	8.65	8.65	8.65	8.65
	-11.7	-12	9.12	9.12	9.12	9.12	9.12
P-Hi	-9.6	-10	9.58	9.58	9.58	9.58	9.58
	-7.5	-8	10.17	10.17	10.17	10.17	10.17
36	-5.5	-6	10.75	10.75	10.75	10.75	10.75
(m³/min)	-3.4	-4	11.13	11.11	11.09	10.98	10.88
	-1.3	-2	11.50	11.47	11.44	11.22	11.00
	0.8	0	12.13	11.95	11.78	11.36	10.94
	3.9	3	13.16	12.69	12.22	11.53	10.84
	7.0	6	14.38	13.44	12.50	11.63	10.75
	10.1	9	14.28	13.37	12.45	11.55	10.66
	13.2	12	14.19	13.28	12.38	11.47	10.56
	16.9	15.5	14.08	13.17	12.27	11.36	10.45

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			8.94	6.86	10.69	7.79	11.56	7.99	12.30	8.12	13.78	8.76	14.31	8.50
	12			8.94	6.86	10.69	7.79	11.56	7.99	12.29	8.11	13.73	8.74	14.25	8.48
	14			8.94	6.86	10.69	7.79	11.56	7.99	12.27	8.11	13.68	8.68	14.19	8.46
	16			8.94	6.86	10.69	7.79	11.56	7.99	12.25	8.10	13.63	8.67	14.13	8.44
	18			8.94	6.86	10.69	7.79	11.56	7.99	12.24	8.10	13.58	8.65	14.06	8.42
Hi	20			8.94	6.86	10.69	7.79	11.56	7.99	12.22	8.08	13.53	8.63	14.00	8.41
	22			8.93	6.85	10.69	7.79	11.56	7.99	12.16	8.05	13.36	8.58	13.81	8.33
28	24			8.92	6.85	10.68	7.79	11.56	7.99	12.11	8.04	13.19	8.51	13.62	8.26
(m³/min)	26			8.91	6.84	10.63	7.77	11.46	7.95	11.96	7.97	12.98	8.43	13.41	8.19
	28	8.07	6.77	8.90	6.84	10.58	7.75	11.35	7.90	11.82	7.91	12.77	8.34	13.20	8.11
	30	8.07	6.77	8.88	6.83	10.50	7.71	11.24	7.83	11.68	7.86	12.58	8.27	13.00	8.04
	32	8.07	6.77	8.86	6.82	10.42	7.68	11.13	7.79	11.55	7.77	12.39	8.19	12.81	7.97
	34	8.07	6.77	8.83	6.81	10.38	7.66	10.98	7.73	11.36	7.70	12.12	8.09	12.54	7.83
	35	8.07	6.77	8.82	6.81	10.36	7.65	10.91	7.71	11.27	7.67	11.99	8.04	12.41	7.79
	36	8.07	6.77	8.80	6.80	10.29	7.61	10.86	7.69	11.16	7.63	11.78	7.92	12.17	7.72
	38	8.07	6.77	8.78	6.79	10.13	7.55	10.75	7.64	10.95	7.55	11.35	7.79	11.69	7.57
	39	8.07	6.77	8.77	6.79	10.05	7.51	10.69	7.61	10.84	7.49	11.13	7.70	11.45	7.48
	41	8.07	6.77	8.74	6.77	9.75	7.38	10.26	7.43	10.38	7.31	10.64	7.52	10.91	7.30
	43	8.07	6.77	8.71	6.76	9.45	7.24	9.82	7.24	9.93	7.14	10.14	7.33	10.37	7.12

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
	-19.8	-20	7.05	7.05	7.05	7.05	7.05
	-17.8	-18	7.51	7.51	7.51	7.51	7.51
	-15.7	-16	7.96	7.96	7.96	7.96	7.96
	-13.7	-14	8.41	8.41	8.41	8.41	8.41
	-11.7	-12	8.87	8.87	8.87	8.87	8.87
Hi	-9.6	-10	9.32	9.32	9.32	9.32	9.32
	-7.5	-8	9.89	9.89	9.89	9.89	9.89
28	-5.5	-6	10.46	10.46	10.46	10.46	10.46
(m³/min)	-3.4	-4	10.82	10.81	10.79	10.69	10.58
	-1.3	-2	11.19	11.16	11.13	10.91	10.70
	0.8	0	11.80	11.63	11.46	11.05	10.64
	3.9	3	12.80	12.34	11.89	11.22	10.55
	7.0	6	13.98	13.07	12.16	11.31	10.46
	10.1	9	13.89	13.00	12.11	11.24	10.37
	13.2	12	13.80	12.92	12.04	11.16	10.28
	16.9	15.5	13.70	12.81	11.93	11.05	10.17

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			8.43	6.41	10.07	7.26	10.90	7.46	11.59	7.55	12.99	8.16	13.48	7.94
	12			8.43	6.41	10.07	7.26	10.90	7.46	11.58	7.55	12.94	8.15	13.43	7.92
	14			8.43	6.41	10.07	7.26	10.90	7.46	11.56	7.54	12.89	8.13	13.37	7.89
	16			8.43	6.41	10.07	7.26	10.90	7.46	11.55	7.54	12.85	8.10	13.31	7.87
	18			8.43	6.41	10.07	7.26	10.90	7.46	11.53	7.53	12.80	8.09	13.25	7.86
Me	20			8.43	6.41	10.07	7.26	10.90	7.46	11.52	7.53	12.75	8.07	13.19	7.82
	22			8.41	6.40	10.07	7.26	10.90	7.46	11.46	7.51	12.59	8.00	13.01	7.76
25	24			8.40	6.39	10.07	7.26	10.90	7.46	11.41	7.49	12.43	7.94	12.83	7.69
(m³/min)	26			8.40	6.39	10.02	7.23	10.79	7.40	11.27	7.44	12.23	7.86	12.64	7.62
	28	7.61	6.29	8.39	6.39	9.97	7.21	10.69	7.36	11.14	7.38	12.04	7.78	12.44	7.54
	30	7.61	6.29	8.37	6.38	9.89	7.18	10.59	7.31	11.01	7.32	11.85	7.70	12.25	7.45
	32	7.61	6.29	8.35	6.37	9.82	7.14	10.49	7.28	10.88	7.26	11.67	7.63	12.07	7.39
	34	7.61	6.29	8.32	6.36	9.78	7.13	10.35	7.21	10.71	7.20	11.42	7.51	11.82	7.32
	35	7.61	6.29	8.31	6.35	9.77	7.12	10.28	7.19	10.62	7.15	11.30	7.47	11.69	7.28
	36	7.61	6.29	8.30	6.35	9.69	7.09	10.23	7.16	10.52	7.12	11.10	7.41	11.47	7.20
	38	7.61	6.29	8.28	6.34	9.55	7.03	10.13	7.12	10.31	7.02	10.69	7.25	11.01	7.04
	39	7.61	6.29	8.27	6.34	9.47	7.00	10.07	7.10	10.21	6.98	10.49	7.17	10.78	6.96
	41	7.61	6.29	8.24	6.32	9.19	6.85	9.66	6.92	9.78	6.78	10.02	6.99	10.28	6.78
	43	7.61	6.29	8.21	6.31	8.90	6.74	9.25	6.73	9.35	6.63	9.56	6.82	9.77	6.58

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
	-19.8	-20	6.59	6.59	6.59	6.59	6.59
	-17.8	-18	7.01	7.01	7.01	7.01	7.01
	-15.7	-16	7.44	7.44	7.44	7.44	7.44
	-13.7	-14	7.86	7.86	7.86	7.86	7.86
	-11.7	-12	8.29	8.29	8.29	8.29	8.29
Me	-9.6	-10	8.71	8.71	8.71	8.71	8.71
	-7.5	-8	9.24	9.24	9.24	9.24	9.24
25	-5.5	-6	9.77	9.77	9.77	9.77	9.77
(m³/min)	-3.4	-4	10.11	10.10	10.08	9.98	9.88
	-1.3	-2	10.45	10.42	10.39	10.20	10.00
	0.8	0	11.02	10.86	10.71	10.32	9.94
	3.9	3	11.96	11.53	11.10	10.48	9.85
	7.0	6	13.06	12.21	11.36	10.56	9.77
	10.1	9	12.98	12.15	11.32	10.50	9.68
	13.2	12	12.89	12.07	11.25	10.42	9.60
	16.9	15.5	12.79	11.97	11.15	10.32	9.50

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			7.53	5.45	9.01	6.20	9.74	6.37	10.36	6.50	11.61	7.00	12.05	6.80
	12			7.53	5.45	9.01	6.20	9.74	6.37	10.35	6.49	11.57	6.98	12.00	6.77
	14			7.53	5.45	9.01	6.20	9.74	6.37	10.34	6.49	11.53	6.97	11.95	6.75
	16			7.53	5.45	9.01	6.20	9.74	6.37	10.32	6.47	11.48	6.94	11.90	6.73
	18			7.53	5.45	9.01	6.20	9.74	6.37	10.31	6.47	11.44	6.93	11.85	6.71
Lo	20			7.53	5.45	9.01	6.20	9.74	6.37	10.29	6.46	11.40	6.91	11.79	6.68
	22			7.52	5.44	9.00	6.19	9.74	6.37	10.25	6.45	11.26	6.85	11.63	6.60
19	24			7.51	5.44	9.00	6.19	9.74	6.37	10.20	6.42	11.11	6.78	11.47	6.55
(m³/min)	26			7.51	5.44	8.96	6.17	9.65	6.33	10.08	6.36	10.94	6.69	11.30	6.49
	28	6.80	5.34	7.50	5.44	8.91	6.15	9.56	6.30	9.96	6.30	10.76	6.63	11.12	6.42
	30	6.80	5.34	7.48	5.43	8.85	6.12	9.47	6.25	9.84	6.25	10.60	6.56	10.95	6.35
	32	6.80	5.34	7.46	5.42	8.78	6.09	9.37	6.21	9.73	6.21	10.43	6.48	10.79	6.29
	34	6.80	5.34	7.44	5.41	8.75	6.08	9.25	6.15	9.57	6.13	10.21	6.40	10.56	6.20
	35	6.80	5.34	7.43	5.40	8.73	6.06	9.19	6.12	9.49	6.10	10.10	6.35	10.45	6.15
	36	6.80	5.34	7.42	5.40	8.66	6.03	9.14	6.10	9.40	6.06	9.92	6.28	10.25	6.06
	38	6.80	5.34	7.40	5.39	8.53	5.97	9.05	6.06	9.22	5.98	9.56	6.12	9.84	5.93
	39	6.80	5.34	7.39	5.39	8.47	5.95	9.01	6.04	9.13	5.94	9.38	6.05	9.64	5.85
	41	6.80	5.34	7.36	5.37	8.21	5.81	8.64	5.87	8.75	5.78	8.96	5.88	9.19	5.69
	43	6.80	5.34	7.34	5.36	7.96	5.70	8.27	5.70	8.36	5.60	8.54	5.72	8.74	5.53

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
	-19.8	-20	5.90	5.90	5.90	5.90	5.90
	-17.8	-18	6.28	6.28	6.28	6.28	6.28
	-15.7	-16	6.66	6.66	6.66	6.66	6.66
	-13.7	-14	7.04	7.04	7.04	7.04	7.04
	-11.7	-12	7.42	7.42	7.42	7.42	7.42
Lo	-9.6	-10	7.80	7.80	7.80	7.80	7.80
	-7.5	-8	8.27	8.27	8.27	8.27	8.27
19	-5.5	-6	8.75	8.75	8.75	8.75	8.75
(m³/min)	-3.4	-4	9.05	9.04	9.03	8.94	8.85
	-1.3	-2	9.36	9.33	9.31	9.13	8.95
	0.8	0	9.86	9.73	9.59	9.24	8.90
	3.9	3	10.70	10.32	9.94	9.38	8.82
	7.0	6	11.70	10.93	10.17	9.46	8.75
	10.1	9	11.62	10.88	10.13	9.40	8.67
	13.2	12	11.54	10.81	10.07	9.33	8.59
	16.9	15.5	11.45	10.72	9.98	9.24	8.50

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJG000Z022

Model **FDUM140KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi	10			11.48	9.96	13.72	11.27	14.84	11.49	15.79	11.62	17.69	12.56	18.36	12.26
	12			11.48	9.96	13.72	11.27	14.84	11.49	15.77	11.61	17.62	12.53	18.28	12.23
	14			11.48	9.96	13.72	11.27	14.84	11.49	15.75	11.60	17.56	12.51	18.20	12.20
	16			11.48	9.96	13.72	11.27	14.84	11.49	15.72	11.59	17.49	12.49	18.13	12.18
	18			11.48	9.96	13.72	11.27	14.84	11.49	15.70	11.58	17.43	12.46	18.05	12.15
	20			11.48	9.96	13.72	11.27	14.84	11.49	15.68	11.57	17.37	12.44	17.97	12.13
	22			11.46	9.96	13.71	11.26	14.84	11.49	15.61	11.55	17.15	12.36	17.72	12.04
39	24			11.44	9.95	13.71	11.26	14.84	11.49	15.54	11.52	16.93	12.28	17.48	11.96
(m³/min)	26			11.43	9.94	13.64	11.23	14.70	11.43	15.35	11.45	16.66	12.18	17.21	11.87
	28	10.36	9.84	11.42	9.94	13.58	11.21	14.56	11.38	15.17	11.38	16.39	12.09	16.94	11.79
	30	10.36	9.84	11.40	9.93	13.48	11.17	14.42	11.32	14.99	11.31	16.14	12.00	16.69	11.70
	32	10.36	9.84	11.37	9.92	13.37	11.12	14.28	11.26	14.82	11.24	15.89	11.91	16.43	11.62
	34	10.36	9.84	11.33	9.90	13.32	11.10	14.09	11.19	14.58	11.15	15.56	11.79	16.09	11.51
	35	10.36	9.84	11.31	9.89	13.30	11.09	14.00	11.15	14.46	11.10	15.39	11.73	15.92	11.45
	36	10.36	9.84	11.30	9.89	13.20	11.05	13.93	11.12	14.32	11.05	15.11	11.64	15.61	11.35
	38	10.36	9.84	11.27	9.87	13.00	10.97	13.79	11.07	14.05	10.95	14.56	11.44	15.00	11.16
	39	10.36	9.84	11.26	9.87	12.90	10.93	13.72	11.04	13.91	10.90	14.28	11.35	14.69	11.06
	41	10.36	9.84	11.22	9.85	12.51	10.78	13.16	10.82	13.32	10.68	13.65	11.13	14.00	10.84
	43	10.36	9.84	11.18	9.84	12.13	10.62	12.60	10.61	12.74	10.46	13.02	10.92	13.31	10.56

Heating mode (kW)

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
P-Hi	-19.8	-20	9.28	9.28	9.28	9.28	9.28
	-17.8	-18	9.88	9.88	9.88	9.88	9.88
	-15.7	-16	10.47	10.47	10.47	10.47	10.47
	-13.7	-14	11.07	11.07	11.07	11.07	11.07
	-11.7	-12	11.67	11.67	11.67	11.67	11.67
	-9.6	-10	12.27	12.27	12.27	12.27	12.27
	-7.5	-8	13.01	13.01	13.01	13.01	13.01
39	-5.5	-6	13.76	13.76	13.76	13.76	13.76
(m³/min)	-3.4	-4	14.24	14.22	14.20	14.06	13.92
	-1.3	-2	14.72	14.68	14.64	14.36	14.08
	0.8	0	15.52	15.30	15.08	14.54	14.00
	3.9	3	16.84	16.24	15.64	14.76	13.88
	7.0	6	18.40	17.20	16.00	14.88	13.76
	10.1	9	18.28	17.11	15.94	14.79	13.64
	13.2	12	18.16	17.00	15.84	14.68	13.52
	16.9	15.5	18.02	16.86	15.70	14.54	13.38

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi	10			11.29	9.01	13.49	10.19	14.60	10.42	15.53	10.56	17.40	11.41	18.06	11.11
	12			11.29	9.01	13.49	10.19	14.60	10.42	15.51	10.56	17.33	11.38	17.98	11.08
	14			11.29	9.01	13.49	10.19	14.60	10.42	15.49	10.55	17.27	11.36	17.91	11.06
	16			11.29	9.01	13.49	10.19	14.60	10.42	15.47	10.54	17.21	11.34	17.83	11.03
	18			11.29	9.01	13.49	10.19	14.60	10.42	15.45	10.53	17.14	11.31	17.75	11.00
	20			11.29	9.01	13.49	10.19	14.60	10.42	15.42	10.52	17.08	11.29	17.67	10.97
	22			11.27	9.00	13.49	10.19	14.60	10.42	15.35	10.49	16.86	11.20	17.43	10.89
32	24			11.26	9.00	13.48	10.18	14.60	10.42	15.28	10.46	16.65	11.12	17.19	10.80
(m³/min)	26			11.25	8.99	13.42	10.16	14.46	10.37	15.10	10.39	16.39	11.02	16.93	10.71
	28	10.19	8.86	11.24	8.99	13.36	10.13	14.32	10.31	14.92	10.31	16.12	10.92	16.66	10.62
	30	10.19	8.86	11.21	8.98	13.25	10.08	14.18	10.25	14.75	10.24	15.88	10.81	16.41	10.51
	32	10.19	8.86	11.18	8.96	13.15	10.04	14.05	10.19	14.57	10.17	15.63	10.72	16.16	10.43
	34	10.19	8.86	11.14	8.95	13.10	10.02	13.86	10.11	14.34	10.08	15.30	10.59	15.83	10.32
	35	10.19	8.86	11.13	8.94	13.08	10.01	13.77	10.08	14.23	10.04	15.14	10.54	15.66	10.26
	36	10.19	8.86	11.11	8.93	12.98	9.97	13.70	10.05	14.09	9.98	14.86	10.43	15.36	10.16
	38	10.19	8.86	11.08	8.92	12.79	9.88	13.56	9.99	13.82	9.87	14.32	10.23	14.75	9.95
	39	10.19	8.86	11.07	8.91	12.69	9.84	13.49	9.96	13.68	9.82	14.05	10.14	14.45	9.85
	41	10.19	8.86	11.03	8.90	12.31	9.68	12.94	9.73	13.10	9.59	13.43	9.91	13.77	9.63
	43	10.19	8.86	10.99	8.88	11.93	9.52	12.39	9.51	12.53	9.37	12.80	9.69	13.09	9.41

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
Hi	-19.8	-20	9.09	9.09	9.09	9.09	9.09
	-17.8	-18	9.68	9.68	9.68	9.68	9.68
	-15.7	-16	10.27	10.27	10.27	10.27	10.27
	-13.7	-14	10.85	10.85	10.85	10.85	10.85
	-11.7	-12	11.44	11.44	11.44	11.44	11.44
	-9.6	-10	12.02	12.02	12.02	12.02	12.02
	-7.5	-8	12.75	12.75	12.75	12.75	12.75
32	-5.5	-6	13.48	13.48	13.48	13.48	13.48
(m³/min)	-3.4	-4	13.96	13.94	13.92	13.78	13.64
	-1.3	-2	14.43	14.39	14.35	14.07	13.80
	0.8	0	15.21	14.99	14.78	14.25	13.72
	3.9	3	16.50	15.92	15.33	14.46	13.60
	7.0	6	18.03	16.86	15.68	14.58	13.48
	10.1	9	17.91	16.77	15.62	14.49	13.37
	13.2	12	17.80	16.66	15.52	14.39	13.25
	16.9	15.5	17.66	16.52	15.39	14.25	13.11

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me	10			10.75	8.05	12.86	9.13	13.91	9.38	14.80	9.53	16.57	10.27	17.21	9.98
	12			10.75	8.05	12.86	9.13	13.91	9.38	14.78	9.52	16.51	10.24	17.13	9.95
	14			10.75	8.05	12.86	9.13	13.91	9.38	14.76	9.51	16.45	10.22	17.06	9.92
	16			10.75	8.05	12.86	9.13	13.91	9.38	14.74	9.50	16.39	10.19	16.99	9.89
	18			10.75	8.05	12.86	9.13	13.91	9.38	14.72	9.49	16.33	10.17	16.91	9.86
	20			10.75	8.05	12.86	9.13	13.91	9.38	14.70	9.48	16.27	10.13	16.84	9.82
	22			10.74	8.04	12.85	9.13	13.91	9.38	14.63	9.45	16.07	10.05	16.61	9.74
26	24			10.72	8.03	12.85	9.13	13.91	9.38	14.56	9.42	15.86	9.96	16.38	9.65
(m³/min)	26			10.72	8.03	12.79	9.10	13.78	9.32	14.39	9.35	15.61	9.86	16.13	9.56
	28	9.71	7.91	10.71	8.03	12.73	9.07	13.64	9.26	14.22	9.27	15.36	9.76	15.88	9.47
	30	9.71	7.91	10.68	8.01	12.63	9.03	13.51	9.20	14.05	9.20	15.13	9.67	15.64	9.38
	32	9.71	7.91	10.65	8.00	12.53	8.97	13.38	9.14	13.89	9.13	14.89	9.57	15.40	9.29
	34	9.71	7.91	10.62	7.98	12.49	8.95	13.21	9.06	13.66	9.03	14.58	9.45	15.08	9.17
	35	9.71	7.91	10.60	7.98	12.46	8.94	13.12	9.02	13.55	8.99	14.42	9.38	14.92	9.11
	36	9.71	7.91	10.59	7.97	12.37	8.90	13.05	8.99	13.42	8.93	14.16	9.28	14.63	9.01
	38	9.71	7.91	10.56	7.96	12.18	8.81	12.92	8.94	13.16	8.82	13.64	9.08	14.05	8.81
	39	9.71	7.91	10.55	7.95	12.09	8.77	12.86	8.91	13.03	8.77	13.39	8.98	13.76	8.70
	41	9.71	7.91	10.51	7.93	11.73	8.61	12.33	8.67	12.49	8.53	12.79	8.74	13.12	8.47
	43	9.71	7.91	10.47	7.91	11.36	8.45	11.81	8.45	11.94	8.31	12.20	8.52	12.47	8.25

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
Me	-19.8	-20	8.61	8.61	8.61	8.61	8.61
	-17.8	-18	9.17	9.17	9.17	9.17	9.17
	-15.7	-16	9.72	9.72	9.72	9.72	9.72
	-13.7	-14	10.28	10.28	10.28	10.28	10.28
	-11.7	-12	10.83	10.83	10.83	10.83	10.83
	-9.6	-10	11.39	11.39	11.39	11.39	11.39
	-7.5	-8	12.08	12.08	12.08	12.08	12.08
26	-5.5	-6	12.77	12.77	12.77	12.77	12.77
(m³/min)	-3.4	-4	13.22	13.20	13.18	13.05	12.92
	-1.3	-2	13.66	13.62	13.59	13.33	13.07
	0.8	0	14.40	14.20	14.00	13.49	12.99
	3.9	3	15.63	15.07	14.52	13.70	12.88
	7.0	6	17.08	15.96	14.85	13.81	12.77
	10.1	9	16.97	15.88	14.79	13.73	12.66
	13.2	12	16.85	15.78	14.70	13.62	12.55
	16.9	15.5	16.72	15.65	14.57	13.49	12.42

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Lo	10			9.62	6.84	11.49	7.78	12.43	8.03	13.23	8.18	14.82	8.81	15.39	8.54
	12			9.62	6.84	11.49	7.78	12.43	8.03	13.21	8.17	14.76	8.79	15.32	8.52
	14			9.62	6.84	11.49	7.78	12.43	8.03	13.19	8.16	14.71	8.76	15.25	8.49
	16			9.62	6.84	11.49	7.78	12.43	8.03	13.17	8.15	14.66	8.74	15.19	8.46
	18			9.62	6.84	11.49	7.78	12.43	8.03	13.16	8.15	14.60	8.71	15.12	8.43
	20			9.62	6.84	11.49	7.78	12.43	8.03	13.14	8.14	14.55	8.69	15.05	8.40
	22			9.60	6.83	11.49	7.78	12.43	8.03	13.08	8.11	14.37	8.61	14.85	8.31
20	24			9.59	6.83	11.49	7.78	12.43	8.03	13.02	8.08	14.18	8.52	14.64	8.23
(m³/min)	26			9.58	6.82	11.43	7.75	12.32	7.97	12.86	8.01	13.96	8.42	14.42	8.14
	28	8.68	6.70	9.57	6.82	11.38	7.73	12.20	7.92	12.71	7.94	13.73	8.32	14.19	8.05
	30	8.68	6.70	9.55	6.81	11.29	7.68	12.08	7.86	12.56	7.87	13.53	8.23	13.98	7.96
	32	8.68	6.70	9.52	6.79	11.20	7.64	11.96	7.79	12.42	7.80	13.32	8.14	13.77	7.88
	34	8.68	6.70	9.49	6.78	11.16	7.62	11.81	7.72	12.22	7.71	13.03	8.02	13.48	7.77
	35	8.68	6.70	9.48	6.77	11.14	7.61	11.73	7.69	12.12	7.66	12.89	7.96	13.34	7.72
	36	8.68	6.70	9.47	6.77	11.06	7.57	11.67	7.66	12.00	7.60	12.66	7.86	13.08	7.62
	38	8.68	6.70	9.44	6.75	10.89	7.49	11.55	7.60	11.77	7.50	12.20	7.66	12.56	7.41
	39	8.68	6.70	9.43	6.75	10.81	7.45	11.50	7.58	11.65	7.45	11.97	7.57	12.31	7.32
	41	8.68	6.70	9.40	6.73	10.48	7.30	11.03	7.36	11.16	7.23	11.44	7.36	11.73	7.10
	43	8.68	6.70	9.36	6.71	10.16	7.15	10.56	7.15	10.67	7.02	10.90	7.14	11.15	6.89

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
Lo	-19.8	-20	7.68	7.68	7.68	7.68	7.68
	-17.8	-18	8.17	8.17	8.17	8.17	8.17
	-15.7	-16	8.67	8.67	8.67	8.67	8.67
	-13.7	-14	9.16	9.16	9.16	9.16	9.16
	-11.7	-12	9.66	9.66	9.66	9.66	9.66
	-9.6	-10	10.15	10.15	10.15	10.15	10.15
	-7.5	-8	10.77	10.77	10.77	10.77	10.77
20	-5.5	-6	11.39	11.39	11.39	11.39	11.39
(m³/min)	-3.4	-4	11.78	11.77	11.75	11.63	11.52
	-1.3	-2	12.18	12.15	12.11	11.88	11.65
	0.8	0	12.84	12.66	12.48	12.03	11.59
	3.9	3	13.94	13.44	12.94	12.21	11.49
	7.0	6	15.23	14.23	13.24	12.31	11.39
	10.1	9	15.13	14.16	13.19	12.24	11.29
	13.2	12	15.03	14.07	13.11	12.15	11.19
	16.9	15.5	14.91	13.95	12.99	12.03	11.07

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)

(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJG000Z022

Model **FDUM160KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21°CDB 14°CWB TC	21°CDB 14°CWB SHC	23°CDB 16°CWB TC	23°CDB 16°CWB SHC	26°CDB 18°CWB TC	26°CDB 18°CWB SHC	27°CDB 19°CWB TC	27°CDB 19°CWB SHC	28°CDB 20°CWB TC	28°CDB 20°CWB SHC	31°CDB 22°CWB TC	31°CDB 22°CWB SHC	33°CDB 24°CWB TC	33°CDB 24°CWB SHC
P-Hi 48 (m³/min)	10			13.12	11.09	15.68	12.51	16.96	12.79	18.04	12.94	20.21	13.99	20.99	13.66
	12			13.12	11.09	15.68	12.51	16.96	12.79	18.02	12.93	20.14	13.96	20.90	13.61
	14			13.12	11.09	15.68	12.51	16.96	12.79	18.00	12.93	20.07	13.94	20.81	13.58
	16			13.12	11.09	15.68	12.51	16.96	12.79	17.97	12.92	19.99	13.91	20.72	13.56
	18			13.12	11.09	15.68	12.51	16.96	12.79	17.95	12.91	19.92	13.89	20.62	13.53
	20			13.12	11.09	15.68	12.51	16.96	12.79	17.92	12.90	19.85	13.84	20.53	13.50
	22			13.10	11.08	15.67	12.51	16.96	12.79	17.84	12.87	19.60	13.76	20.25	13.39
	24			13.08	11.08	15.67	12.51	16.96	12.79	17.75	12.84	19.34	13.67	19.97	13.30
	26			13.07	11.07	15.59	12.48	16.80	12.73	17.55	12.74	19.04	13.55	19.67	13.19
	28	11.84	10.95	13.06	11.07	15.52	12.45	16.64	12.65	17.34	12.67	18.73	13.45	19.36	13.09
	30	11.84	10.95	13.02	11.05	15.40	12.41	16.48	12.59	17.14	12.59	18.45	13.33	19.07	12.98
	32	11.84	10.95	12.99	11.04	15.28	12.36	16.32	12.53	16.93	12.50	18.16	13.24	18.78	12.90
	34	11.84	10.95	12.95	11.00	15.23	12.34	16.11	12.45	16.66	12.40	17.78	13.09	18.39	12.76
	35	11.84	10.95	12.93	10.99	15.20	12.33	16.00	12.39	16.53	12.36	17.59	13.03	18.20	12.70
	36	11.84	10.95	12.91	10.98	15.09	12.29	15.92	12.36	16.37	12.27	17.27	12.90	17.85	12.60
	38	11.84	10.95	12.88	10.97	14.86	12.18	15.76	12.30	16.05	12.16	16.64	12.62	17.14	12.30
	39	11.84	10.95	12.86	10.96	14.74	12.13	15.68	12.27	15.89	12.11	16.32	12.52	16.79	12.20
	41	11.84	10.95	12.82	10.95	14.30	11.94	15.04	12.01	15.23	11.85	15.60	12.29	16.00	11.98
	43	11.84	10.95	12.77	10.93	13.86	11.78	14.40	11.76	14.56	11.60	14.87	12.06	15.21	11.75

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
P-Hi 48 (m³/min)	-19.8	-20	10.44	10.44	10.44	10.44	10.44
	-17.8	-18	11.11	11.11	11.11	11.11	11.11
	-15.7	-16	11.78	11.78	11.78	11.78	11.78
	-13.7	-14	12.46	12.46	12.46	12.46	12.46
	-11.7	-12	13.13	13.13	13.13	13.13	13.13
	-9.6	-10	13.80	13.80	13.80	13.80	13.80
	-7.5	-8	14.64	14.64	14.64	14.64	14.64
	-5.5	-6	15.48	15.48	15.48	15.48	15.48
	-3.4	-4	16.02	16.00	15.98	15.82	15.66
	-1.3	-2	16.56	16.52	16.47	16.16	15.84
	0.8	0	17.46	17.21	16.97	16.36	15.75
	3.9	3	18.95	18.27	17.60	16.61	15.62
	7.0	6	20.70	19.35	18.00	16.74	15.48
	10.1	9	20.57	19.25	17.93	16.64	15.35
	13.2	12	20.43	19.13	17.82	16.52	15.21
	16.9	15.5	20.27	18.97	17.66	16.36	15.05

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21°CDB 14°CWB TC	21°CDB 14°CWB SHC	23°CDB 16°CWB TC	23°CDB 16°CWB SHC	26°CDB 18°CWB TC	26°CDB 18°CWB SHC	27°CDB 19°CWB TC	27°CDB 19°CWB SHC	28°CDB 20°CWB TC	28°CDB 20°CWB SHC	31°CDB 22°CWB TC	31°CDB 22°CWB SHC	33°CDB 24°CWB TC	33°CDB 24°CWB SHC
Hi 35 (m³/min)	10			12.90	9.64	15.42	10.94	16.68	11.24	17.75	11.43	19.88	12.29	20.65	11.97
	12			12.90	9.64	15.42	10.94	16.68	11.24	17.73	11.42	19.81	12.27	20.56	11.94
	14			12.90	9.64	15.42	10.94	16.68	11.24	17.70	11.41	19.74	12.24	20.47	11.89
	16			12.90	9.64	15.42	10.94	16.68	11.24	17.68	11.40	19.67	12.22	20.38	11.86
	18			12.90	9.64	15.42	10.94	16.68	11.24	17.65	11.37	19.60	12.19	20.29	11.83
	20			12.90	9.64	15.42	10.94	16.68	11.24	17.63	11.36	19.52	12.16	20.20	11.78
	22			12.88	9.63	15.42	10.94	16.68	11.24	17.55	11.33	19.28	12.06	19.92	11.68
	24			12.87	9.63	15.41	10.94	16.68	11.24	17.47	11.30	19.03	11.95	19.65	11.59
	26			12.85	9.62	15.34	10.89	16.53	11.17	17.26	11.20	18.73	11.83	19.35	11.47
	28	11.65	9.47	12.84	9.62	15.27	10.86	16.37	11.10	17.06	11.11	18.43	11.70	19.05	11.36
	30	11.65	9.47	12.81	9.60	15.15	10.82	16.21	11.02	16.86	11.03	18.15	11.59	18.76	11.25
	32	11.65	9.47	12.78	9.59	15.03	10.75	16.05	10.96	16.66	10.94	17.87	11.47	18.48	11.14
	34	11.65	9.47	12.74	9.57	14.98	10.73	15.84	10.86	16.39	10.82	17.49	11.32	18.09	10.96
	35	11.65	9.47	12.72	9.56	14.95	10.72	15.74	10.82	16.26	10.77	17.30	11.24	17.90	10.90
	36	11.65	9.47	12.70	9.55	14.84	10.64	15.66	10.77	16.10	10.69	16.99	11.09	17.56	10.79
	38	11.65	9.47	12.67	9.54	14.61	10.55	15.50	10.71	15.79	10.58	16.37	10.88	16.86	10.56
	39	11.65	9.47	12.65	9.53	14.50	10.50	15.43	10.68	15.64	10.47	16.06	10.76	16.51	10.43
	41	11.65	9.47	12.61	9.50	14.07	10.33	14.80	10.39	14.98	10.22	15.35	10.48	15.74	10.15
	43	11.65	9.47	12.57	9.48	13.63	10.14	14.17	10.12	14.32	9.96	14.63	10.20	14.96	9.88

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
Hi 35 (m³/min)	-19.8	-20	10.23	10.23	10.23	10.23	10.23
	-17.8	-18	10.89	10.89	10.89	10.89	10.89
	-15.7	-16	11.55	11.55	11.55	11.55	11.55
	-13.7	-14	12.21	12.21	12.21	12.21	12.21
	-11.7	-12	12.87	12.87	12.87	12.87	12.87
	-9.6	-10	13.52	13.52	13.52	13.52	13.52
	-7.5	-8	14.35	14.35	14.35	14.35	14.35
	-5.5	-6	15.17	15.17	15.17	15.17	15.17
	-3.4	-4	15.70	15.68	15.66	15.50	15.35
	-1.3	-2	16.23	16.18	16.14	15.83	15.52
	0.8	0	17.11	16.87	16.63	16.03	15.44
	3.9	3	18.57	17.90	17.24	16.27	15.30
	7.0	6	20.29	18.96	17.64	16.41	15.17
	10.1	9	20.15	18.86	17.57	16.31	15.04
	13.2	12	20.02	18.74	17.46	16.18	14.91
	16.9	15.5	19.87	18.59	17.31	16.03	14.75

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21°CDB 14°CWB TC	21°CDB 14°CWB SHC	23°CDB 16°CWB TC	23°CDB 16°CWB SHC	26°CDB 18°CWB TC	26°CDB 18°CWB SHC	27°CDB 19°CWB TC	27°CDB 19°CWB SHC	28°CDB 20°CWB TC	28°CDB 20°CWB SHC	31°CDB 22°CWB TC	31°CDB 22°CWB SHC	33°CDB 24°CWB TC	33°CDB 24°CWB SHC
Me 28 (m³/min)	10			12.07	8.60	14.42	9.77	15.60	10.08	16.60	10.27	18.60	11.07	19.31	10.74
	12			12.07	8.60	14.42	9.77	15.60	10.08	16.58	10.27	18.53	11.04	19.22	10.70
	14			12.07	8.60	14.42	9.77	15.60	10.08	16.56	10.26	18.46	11.02	19.14	10.67
	16			12.07	8.60	14.42	9.77	15.60	10.08	16.53	10.25	18.39	10.98	19.06	10.64
	18			12.07	8.60	14.42	9.77	15.60	10.08	16.51	10.24	18.33	10.95	18.97	10.59
	20			12.07	8.60	14.42	9.77	15.60	10.08	16.49	10.23	18.26	10.93	18.89	10.56
	22			12.05	8.57	14.42	9.77	15.60	10.08	16.41	10.18	18.03	10.81	18.63	10.45
	24			12.03	8.56	14.41	9.77	15.60	10.08	16.33	10.15	17.80	10.71	18.38	10.35
	26			12.02	8.55	14.35	9.74	15.46	10.00	16.14	10.06	17.52	10.59	18.09	10.23
	28	10.89	8.41	12.01	8.55	14.28	9.70	15.31	9.93	15.95	9.97	17.24	10.46	17.81	10.10
	30	10.89	8.41	11.98	8.54	14.17	9.65	15.16	9.87	15.77	9.87	16.97	10.32	17.54	10.00
	32	10.89	8.41	11.95	8.52	14.06	9.59	15.01	9.79	15.58	9.79	16.71	10.22	17.28	9.90
	34	10.89	8.41	11.91	8.50	14.01	9.57	14.82	9.70	15.33	9.68	16.36	10.08	16.92	9.77
	35	10.89	8.41	11.89	8.50	13.98	9.56	14.72	9.66	15.21	9.63	16.18	10.00	16.74	9.69
	36	10.89	8.41	11.88	8.49	13.88	9.52	14.65	9.63	15.06	9.56	15.89	9.87	16.42	9.57
	38	10.89	8.41	11.85	8.48	13.67	9.41	14.50	9.56	14.77	9.43	15.31	9.64	15.77	9.31
	39	10.89	8.41	11.83	8.47	13.56	9.35	14.43	9.53	14.62	9.36	15.02	9.52	15.44	9.16
	41	10.89	8.41	11.79	8.45	13.16	9.17	13.84	9.25	14.01	9.09	14.35	9.22	14.72	8.93
	43	10.89	8.41	11.75	8.43	12.75	8.96	13.25	8.95	13.39	8.80	13.68	8.97	13.99	8.67

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
Me 28 (m³/min)	-19.8	-20	9.60	9.60	9.60	9.60	9.60
	-17.8	-18	10.22	10.22	10.22	10.22	10.22
	-15.7	-16	10.84	10.84	10.84	10.84	10.84
	-13.7	-14	11.46	11.46	11.46	11.46	11.46
	-11.7	-12	12.08	12.08	12.08	12.08	12.08
	-9.6	-10	12.70	12.70	12.70	12.70	12.70
	-7.5	-8	13.47	13.47	13.47	13.47	13.47
	-5.5	-6	14.24	14.24	14.24	14.24	14.24
	-3.4	-4	14.74	14.72	14.70	14.55	14.41
	-1.3	-2	15.24	15.19	15.15	14.86	14.57
	0.8	0	16.06	15.84	15.61	15.05	14.49
	3.9	3	17.43	16.81	16.19	15.28	14.37
	7.0	6	19.04	17.80	16.56	15.40	14.24
	10.1	9	18.92	17.71	16.50	15.31	14.12
	13.2	12	18.80	17.60	16.39	15.19	13.99
	16.9	15.5	18.65	17.45	16.25	15.05	13.85

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21°CDB 14°CWB TC	21°CDB 14°CWB SHC	23°CDB 16°CWB TC	23°CDB 16°CWB SHC	26°CDB 18°CWB TC	26°CDB 18°CWB SHC	27°CDB 19°CWB TC	27°CDB 19°CWB SHC	28°CDB 20°CWB TC	28°CDB 20°CWB SHC	31°CDB 22°CWB TC	31°CDB 22°CWB SHC	33°CDB 24°CWB TC	33°CDB 24°CWB SHC
Lo 22 (m³/min)	10			10.99	7.53	13.14	8.60	14.21	8.91	15.12	9.11	16.94	9.83	17.59	9.51
	12			10.99	7.53	13.14	8.60	14.21	8.91	15.10	9.10	16.88	9.80	17.51	9.47
	14			10.99	7.53	13.14	8.60	14.21	8.91	15.08	9.09	16.82	9.77	17.44	9.45
	16			10.99	7.53	13.14	8.60	14.21	8.91	15.06	9.08	16.76	9.74	17.36	9.41
	18			10.99	7.53	13.14	8.60	14.21	8.91	15.04	9.07	16.70	9.71	17.29	9.37
	20			10.99	7.53	13.14	8.60	14.21	8.91	15.02	9.06	16.63	9.68	17.21	9.34
	22			10.98	7.52	13.14	8.60	14.21	8.91	14.95	9.03	16.42	9.57	16.98	9.23
	24			10.96	7.51	13.13	8.60	14.21	8.91	14.88	8.99	16.21	9.47	16.74	9.11
	26			10.95	7.51	13.07	8.57	14.08	8.84	14.71	8.91	15.96	9.33	16.48	9.01
	28	9.92	7.35	10.94	7.50	13.01	8.54	13.95	8.78	14.53	8.82	15.70	9.22	16.23	8.90
	30	9.92	7.35	10.92	7.49	12.91	8.49	13.81	8.70	14.36	8.73	15.46	9.11	15.98	8.79
	32	9.92	7.35	10.89	7.48	12.81	8.43	13.68	8.64	14.19	8.64	15.22	8.99	15.74	8.69
	34	9.92	7.35	10.85	7.46	12.76	8.41	13.50	8.54	13.97	8.53	14.90	8.84	15.42	8.53
	35	9.92	7.35	10.84	7.46	12.74	8.40	13.41	8.50	13.85	8.46	14.74	8.76	15.25	8.47
	36	9.92	7.35	10.82	7.45	12.64	8.35	13.34	8.47	13.72	8.40	14.48	8.64	14.96	8.36
	38	9.92	7.35	10.80	7.43	12.45	8.25	13.21	8.40	13.45	8.28	13.95	8.41	14.36	8.10
	39	9.92	7.35	10.78	7.42	12.36	8.20	13.14	8.37	13.32	8.21	13.68	8.28	14.07	7.98
	41	9.92	7.35	10.74	7.40	11.98	8.01	12.61	8.10	12.76	7.94	13.07	8.00	13.41	7.73
	43	9.92	7.35	10.71	7.39	11.61	7.82	12.07	7.84	12.20	7.67	12.47	7.76	12.75	7.46

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
Lo 22 (m³/min)	-19.8	-20	8.39	8.39	8.39	8.39	8.39
	-17.8	-18	8.93	8.93	8.93	8.93	8.93
	-15.7	-16	9.47	9.47	9.47	9.47	9.47
	-13.7	-14	10.01	10.01	10.01	10.01	10.01
	-11.7	-12	10.55	10.55	10.55	10.55	10.55
	-9.6	-10	11.09	11.09	11.09	11.09	11.09
	-7.5	-8	11.77	11.77	11.77	11.77	11.77
	-5.5	-6	12.44	12.44	12.44	12.44	12.44
	-3.4	-4	12.88	12.86	12.84	12.72	12.59
	-1.3	-2	13.31	13.28	13.24	12.99	12.73
	0.8	0	14.04	13.84	13.64	13.15	12.66
	3.9	3	15.23	14.69	14.14	13.35	12.55
	7.0	6	16.64	15.56	14.47	13.46	12.44
	10.1	9	16.53	15.47	14.42	13.38	12.34
	13.2	12	16.42	15.37	14.33	13.28	12.23
	16.9	15.5	16.30	15.25	14.20	13.15	12.10

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJG000Z022

(7) Duct connected (thin)-Low static pressure type (FDUT)

Model **FDUT71KXE6F-E** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			5.82	4.40	6.96	4.98	7.53	5.12	8.01	5.20	8.97	5.60	9.31	5.45
	12			5.82	4.40	6.96	4.98	7.53	5.12	8.00	5.19	8.94	5.59	9.27	5.43
	14			5.82	4.40	6.96	4.98	7.53	5.12	7.99	5.19	8.90	5.57	9.23	5.41
	16			5.82	4.40	6.96	4.98	7.53	5.12	7.97	5.18	8.87	5.56	9.19	5.40
	18			5.82	4.40	6.96	4.98	7.53	5.12	7.96	5.18	8.84	5.55	9.15	5.39
Hi	20			5.82	4.40	6.96	4.98	7.53	5.12	7.95	5.17	8.81	5.54	9.11	5.36
	22			5.81	4.39	6.95	4.97	7.53	5.12	7.92	5.16	8.70	5.49	8.99	5.32
16	24			5.80	4.39	6.95	4.97	7.53	5.12	7.88	5.14	8.58	5.44	8.86	5.27
(m³/min)	26			5.80	4.39	6.92	4.96	7.46	5.09	7.79	5.11	8.45	5.38	8.73	5.22
	28	5.25	4.31	5.79	4.38	6.89	4.95	7.38	5.05	7.69	5.06	8.31	5.33	8.59	5.15
	30	5.25	4.31	5.78	4.37	6.83	4.92	7.31	5.01	7.60	5.02	8.19	5.28	8.46	5.11
	32	5.25	4.31	5.77	4.37	6.78	4.90	7.24	4.98	7.51	4.97	8.06	5.21	8.33	5.07
	34	5.25	4.31	5.75	4.36	6.76	4.89	7.15	4.94	7.39	4.92	7.89	5.15	8.16	5.01
	35	5.25	4.31	5.74	4.35	6.75	4.89	7.10	4.92	7.33	4.90	7.80	5.12	8.08	4.99
	36	5.25	4.31	5.73	4.35	6.69	4.86	7.06	4.91	7.26	4.87	7.66	5.07	7.92	4.93
	38	5.25	4.31	5.72	4.35	6.59	4.81	6.99	4.88	7.12	4.82	7.38	4.96	7.61	4.81
	39	5.25	4.31	5.71	4.34	6.54	4.79	6.96	4.87	7.05	4.78	7.24	4.90	7.45	4.77
	41	5.25	4.31	5.69	4.33	6.35	4.71	6.67	4.74	6.76	4.67	6.92	4.79	7.10	4.64
	43	5.25	4.31	5.67	4.32	6.15	4.62	6.39	4.62	6.46	4.54	6.60	4.66	6.75	4.52

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	4.64	4.64	4.64	4.64	4.64
	-17.8	-18	4.94	4.94	4.94	4.94	4.94
	-15.7	-16	5.24	5.24	5.24	5.24	5.24
	-13.7	-14	5.54	5.54	5.54	5.54	5.54
	-11.7	-12	5.83	5.83	5.83	5.83	5.83
Hi	-9.6	-10	6.13	6.13	6.13	6.13	6.13
	-7.5	-8	6.51	6.51	6.51	6.51	6.51
16	-5.5	-6	6.88	6.88	6.88	6.88	6.88
(m³/min)	-3.4	-4	7.12	7.11	7.10	7.03	6.96
	-1.3	-2	7.36	7.34	7.32	7.18	7.04
	0.8	0	7.76	7.65	7.54	7.27	7.00
	3.9	3	8.42	8.12	7.82	7.38	6.94
	7.0	6	9.20	8.60	8.00	7.44	6.88
	10.1	9	9.14	8.56	7.97	7.40	6.82
	13.2	12	9.08	8.50	7.92	7.34	6.76
	16.9	15.5	9.01	8.43	7.85	7.27	6.69

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			4.94	3.69	5.91	4.18	6.39	4.29	6.80	4.37	7.62	4.71	7.91	4.57
	12			4.94	3.69	5.91	4.18	6.39	4.29	6.79	4.36	7.59	4.70	7.88	4.56
	14			4.94	3.69	5.91	4.18	6.39	4.29	6.78	4.36	7.56	4.69	7.84	4.55
	16			4.94	3.69	5.91	4.18	6.39	4.29	6.77	4.35	7.54	4.68	7.81	4.54
	18			4.94	3.69	5.91	4.18	6.39	4.29	6.77	4.35	7.51	4.66	7.77	4.52
Me	20			4.94	3.69	5.91	4.18	6.39	4.29	6.76	4.35	7.48	4.65	7.74	4.51
	22			4.94	3.69	5.91	4.18	6.39	4.29	6.72	4.33	7.39	4.61	7.63	4.47
13	24			4.93	3.68	5.91	4.18	6.39	4.29	6.69	4.32	7.29	4.57	7.53	4.43
(m³/min)	26			4.93	3.68	5.88	4.17	6.33	4.26	6.61	4.27	7.18	4.53	7.41	4.39
	28	4.46	3.62	4.92	3.68	5.85	4.15	6.27	4.24	6.54	4.25	7.06	4.48	7.30	4.33
	30	4.46	3.62	4.91	3.67	5.81	4.14	6.21	4.21	6.46	4.21	6.95	4.42	7.19	4.29
	32	4.46	3.62	4.90	3.67	5.76	4.11	6.15	4.19	6.38	4.18	6.85	4.38	7.08	4.26
	34	4.46	3.62	4.88	3.66	5.74	4.11	6.07	4.15	6.28	4.14	6.70	4.33	6.93	4.20
	35	4.46	3.62	4.87	3.66	5.73	4.10	6.03	4.14	6.23	4.12	6.63	4.30	6.86	4.18
	36	4.46	3.62	4.87	3.66	5.69	4.08	6.00	4.12	6.17	4.09	6.51	4.25	6.73	4.13
	38	4.46	3.62	4.86	3.65	5.60	4.04	5.94	4.09	6.05	4.04	6.27	4.16	6.46	4.03
	39	4.46	3.62	4.85	3.64	5.56	4.03	5.91	4.08	5.99	4.02	6.15	4.11	6.33	3.99
	41	4.46	3.62	4.83	3.63	5.39	3.95	5.67	3.97	5.74	3.91	5.88	4.00	6.03	3.88
	43	4.46	3.62	4.82	3.63	5.22	3.87	5.43	3.87	5.49	3.81	5.61	3.90	5.73	3.78

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	3.87	3.87	3.87	3.87	3.87
	-17.8	-18	4.11	4.11	4.11	4.11	4.11
	-15.7	-16	4.36	4.36	4.36	4.36	4.36
	-13.7	-14	4.61	4.61	4.61	4.61	4.61
	-11.7	-12	4.86	4.86	4.86	4.86	4.86
Me	-9.6	-10	5.11	5.11	5.11	5.11	5.11
	-7.5	-8	5.42	5.42	5.42	5.42	5.42
13	-5.5	-6	5.73	5.73	5.73	5.73	5.73
(m³/min)	-3.4	-4	5.93	5.92	5.91	5.86	5.80
	-1.3	-2	6.13	6.11	6.10	5.98	5.86
	0.8	0	6.46	6.37	6.28	6.06	5.83
	3.9	3	7.01	6.76	6.51	6.15	5.78
	7.0	6	7.66	7.16	6.66	6.20	5.73
	10.1	9	7.61	7.13	6.64	6.16	5.68
	13.2	12	7.56	7.08	6.60	6.11	5.63
	16.9	15.5	7.51	7.02	6.54	6.06	5.57

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			3.80	2.79	4.54	3.17	4.91	3.26	5.23	3.32	5.85	3.57	6.08	3.47
	12			3.80	2.79	4.54	3.17	4.91	3.26	5.22	3.31	5.83	3.56	6.05	3.46
	14			3.80	2.79	4.54	3.17	4.91	3.26	5.21	3.31	5.81	3.55	6.03	3.45
	16			3.80	2.79	4.54	3.17	4.91	3.26	5.20	3.30	5.79	3.55	6.00	3.44
	18			3.80	2.79	4.54	3.17	4.91	3.26	5.20	3.30	5.77	3.54	5.97	3.41
Lo	20			3.80	2.79	4.54	3.17	4.91	3.26	5.19	3.30	5.75	3.53	5.95	3.41
	22			3.79	2.79	4.54	3.17	4.91	3.26	5.17	3.29	5.68	3.50	5.87	3.38
9.5	24			3.79	2.79	4.54	3.17	4.91	3.26	5.14	3.28	5.60	3.46	5.78	3.35
(m³/min)	26			3.78	2.78	4.52	3.16	4.87	3.24	5.08	3.25	5.51	3.42	5.70	3.32
	28	3.43	2.74	3.78	2.78	4.49	3.14	4.82	3.22	5.02	3.22	5.43	3.39	5.61	3.29
	30	3.43	2.74	3.77	2.78	4.46	3.13	4.77	3.19	4.96	3.20	5.34	3.35	5.52	3.25
	32	3.43	2.74	3.76	2.77	4.43	3.12	4.73	3.18	4.90	3.17	5.26	3.32	5.44	3.22
	34	3.43	2.74	3.75	2.77	4.41	3.11	4.66	3.14	4.83	3.14	5.15	3.27	5.33	3.18
	35	3.43	2.74	3.74	2.76	4.40	3.10	4.63	3.13	4.79	3.12	5.09	3.25	5.27	3.16
	36	3.43	2.74	3.74	2.76	4.37	3.09	4.61	3.12	4.74	3.10	5.00	3.21	5.17	3.12
	38	3.43	2.74	3.73	2.76	4.30	3.06	4.56	3.10	4.65	3.06	4.82	3.14	4.96	3.04
	39	3.43	2.74	3.73	2.76	4.27	3.04	4.54	3.09	4.60	3.04	4.73	3.11	4.86	3.01
	41	3.43	2.74	3.71	2.75	4.14	2.98	4.36	3.01	4.41	2.95	4.52	3.01	4.63	2.92
	43	3.43	2.74	3.70	2.74	4.01	2.92	4.17	2.92	4.22	2.87	4.31	2.94	4.41	2.85

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.90	2.90	2.90	2.90	2.90
	-17.8	-18	3.09	3.09	3.09	3.09	3.09
	-15.7	-16	3.28	3.28	3.28	3.28	3.28
	-13.7	-14	3.46	3.46	3.46	3.46	3.46
	-11.7	-12	3.65	3.65	3.65	3.65	3.65
Lo	-9.6	-10	3.84	3.84	3.84	3.84	3.84
	-7.5	-8	4.07	4.07	4.07	4.07	4.07
9.5	-5.5	-6	4.30	4.30	4.30	4.30	4.30
(m³/min)	-3.4	-4	4.45	4.45	4.44	4.40	4.35
	-1.3	-2	4.60	4.59	4.58	4.49	4.40
	0.8	0	4.85	4.78	4.72	4.55	4.38
	3.9	3	5.27	5.08	4.89	4.62	4.34
	7.0	6	5.75	5.38	5.00	4.65	4.30
	10.1	9	5.72	5.35	4.99	4.63	4.27
	13.2	12	5.68	5.32	4.95	4.59	4.23
	16.9	15.5	5.64	5.27	4.91	4.55	4.18

Notes(1) Thi data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PJH000Z019

(8) Wall mounted type (FDK)

Model **FDK15KXZE1** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			1.23	1.08	1.47	1.22	1.59	1.24	1.69	1.26	1.89	1.36	1.97	1.33
	12			1.23	1.08	1.47	1.22	1.59	1.24	1.69	1.26	1.89	1.36	1.96	1.33
	14			1.23	1.08	1.47	1.22	1.59	1.24	1.69	1.26	1.88	1.36	1.95	1.33
	16			1.23	1.08	1.47	1.22	1.59	1.24	1.68	1.26	1.87	1.35	1.94	1.32
	18			1.23	1.08	1.47	1.22	1.59	1.24	1.68	1.26	1.87	1.35	1.93	1.32
P-Hi	20			1.23	1.08	1.47	1.22	1.59	1.24	1.68	1.26	1.86	1.35	1.93	1.32
	22			1.23	1.08	1.47	1.22	1.59	1.24	1.67	1.25	1.84	1.35	1.90	1.31
5.7	24			1.23	1.08	1.47	1.22	1.59	1.24	1.66	1.25	1.81	1.33	1.87	1.30
(m^3/min)	26			1.23	1.08	1.46	1.22	1.58	1.24	1.64	1.24	1.78	1.32	1.84	1.29
	28	1.11	1.07	1.22	1.07	1.46	1.22	1.56	1.23	1.63	1.23	1.76	1.32	1.81	1.28
	30	1.11	1.07	1.22	1.07	1.44	1.21	1.55	1.23	1.61	1.22	1.73	1.30	1.79	1.27
	32	1.11	1.07	1.22	1.07	1.43	1.20	1.53	1.22	1.59	1.22	1.70	1.29	1.76	1.26
	34	1.11	1.07	1.21	1.07	1.43	1.20	1.51	1.21	1.56	1.21	1.67	1.28	1.72	1.25
	35	1.11	1.07	1.21	1.07	1.43	1.20	1.50	1.21	1.55	1.20	1.65	1.27	1.71	1.25
	36	1.11	1.07	1.21	1.07	1.41	1.20	1.49	1.21	1.53	1.20	1.62	1.27	1.67	1.23
	38	1.11	1.07	1.21	1.07	1.39	1.19	1.48	1.20	1.51	1.19	1.56	1.24	1.61	1.21
	39	1.11	1.07	1.21	1.07	1.38	1.18	1.47	1.20	1.49	1.18	1.53	1.23	1.57	1.19
	41	1.11	1.07	1.20	1.07	1.34	1.17	1.41	1.17	1.43	1.16	1.46	1.20	1.50	1.18
	43	1.11	1.07	1.20	1.07	1.30	1.15	1.35	1.15	1.36	1.14	1.39	1.18	1.43	1.16

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	0.99	0.99	0.99	0.99	0.99
	-17.8	-18	1.05	1.05	1.05	1.05	1.05
	-15.7	-16	1.11	1.11	1.11	1.11	1.11
	-13.7	-14	1.18	1.18	1.18	1.18	1.18
	-11.7	-12	1.24	1.24	1.24	1.24	1.24
P-Hi	-9.6	-10	1.30	1.30	1.30	1.30	1.30
	-7.5	-8	1.38	1.38	1.38	1.38	1.38
5.7	-5.5	-6	1.46	1.46	1.46	1.46	1.46
(m^3/min)	-3.4	-4	1.51	1.51	1.51	1.49	1.48
	-1.3	-2	1.56	1.56	1.56	1.53	1.50
	0.8	0	1.65	1.63	1.60	1.54	1.49
	3.9	3	1.79	1.73	1.66	1.57	1.47
	7.0	6	1.96	1.83	1.70	1.58	1.46
	10.1	9	1.94	1.82	1.69	1.57	1.45
	13.2	12	1.93	1.81	1.68	1.56	1.44
	16.9	15.5	1.91	1.79	1.67	1.54	1.42

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			1.12	0.97	1.33	1.09	1.44	1.12	1.54	1.13	1.72	1.22	1.79	1.20
	12			1.12	0.97	1.33	1.09	1.44	1.12	1.53	1.13	1.71	1.22	1.78	1.19
	14			1.12	0.97	1.33	1.09	1.44	1.12	1.53	1.13	1.71	1.22	1.77	1.19
	16			1.12	0.97	1.33	1.09	1.44	1.12	1.53	1.13	1.70	1.21	1.76	1.18
	18			1.12	0.97	1.33	1.09	1.44	1.12	1.53	1.13	1.70	1.21	1.76	1.18
Hi	20			1.12	0.97	1.33	1.09	1.44	1.12	1.53	1.13	1.69	1.21	1.75	1.18
	22			1.11	0.97	1.33	1.09	1.44	1.12	1.52	1.12	1.67	1.20	1.72	1.17
5.0	24			1.11	0.97	1.33	1.09	1.44	1.12	1.51	1.12	1.65	1.20	1.70	1.17
(m^3/min)	26			1.11	0.97	1.33	1.09	1.43	1.11	1.49	1.11	1.62	1.19	1.67	1.16
	28	1.01	0.96	1.11	0.97	1.32	1.09	1.42	1.11	1.48	1.11	1.59	1.17	1.65	1.15
	30	1.01	0.96	1.11	0.97	1.31	1.09	1.40	1.10	1.46	1.10	1.57	1.17	1.62	1.13
	32	1.01	0.96	1.11	0.97	1.30	1.08	1.39	1.10	1.44	1.09	1.55	1.16	1.60	1.13
	34	1.01	0.96	1.10	0.96	1.30	1.08	1.37	1.09	1.42	1.09	1.51	1.14	1.57	1.12
	35	1.01	0.96	1.10	0.96	1.29	1.08	1.36	1.08	1.41	1.08	1.50	1.14	1.55	1.11
	36	1.01	0.96	1.10	0.96	1.28	1.07	1.35	1.08	1.39	1.07	1.47	1.13	1.52	1.10
	38	1.01	0.96	1.10	0.96	1.26	1.06	1.34	1.08	1.37	1.06	1.42	1.11	1.46	1.09
	39	1.01	0.96	1.09	0.96	1.25	1.06	1.33	1.07	1.35	1.06	1.39	1.10	1.43	1.08
	41	1.01	0.96	1.09	0.96	1.22	1.05	1.28	1.05	1.30	1.04	1.33	1.08	1.36	1.05
	43	1.01	0.96	1.09	0.96	1.18	1.03	1.23	1.03	1.24	1.01	1.27	1.06	1.29	1.03

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	0.89	0.89	0.89	0.89	0.89
	-17.8	-18	0.95	0.95	0.95	0.95	0.95
	-15.7	-16	1.01	1.01	1.01	1.01	1.01
	-13.7	-14	1.06	1.06	1.06	1.06	1.06
	-11.7	-12	1.12	1.12	1.12	1.12	1.12
Hi	-9.6	-10	1.18	1.18	1.18	1.18	1.18
	-7.5	-8	1.25	1.25	1.25	1.25	1.25
5.0	-5.5	-6	1.32	1.32	1.32	1.32	1.32
(m^3/min)	-3.4	-4	1.37	1.37	1.37	1.35	1.34
	-1.3	-2	1.42	1.41	1.41	1.38	1.35
	0.8	0	1.49	1.47	1.45	1.40	1.35
	3.9	3	1.62	1.56	1.50	1.42	1.34
	7.0	6	1.77	1.65	1.54	1.43	1.32
	10.1	9	1.76	1.65	1.53	1.42	1.31
	13.2	12	1.75	1.64	1.52	1.41	1.30
	16.9	15.5	1.73	1.62	1.51	1.40	1.29

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			1.03	0.88	1.23	1.00	1.33	1.02	1.42	1.03	1.59	1.12	1.65	1.09
	12			1.03	0.88	1.23	1.00	1.33	1.02	1.41	1.03	1.58	1.11	1.64	1.08
	14			1.03	0.88	1.23	1.00	1.33	1.02	1.41	1.03	1.57	1.11	1.63	1.08
	16			1.03	0.88	1.23	1.00	1.33	1.02	1.41	1.03	1.57	1.11	1.63	1.08
	18			1.03	0.88	1.23	1.00	1.33	1.02	1.41	1.03	1.56	1.10	1.62	1.08
Me	20			1.03	0.88	1.23	1.00	1.33	1.02	1.41	1.03	1.56	1.10	1.61	1.08
	22			1.03	0.88	1.23	1.00	1.33	1.02	1.40	1.03	1.54	1.10	1.59	1.07
4.5	24			1.03	0.88	1.23	1.00	1.33	1.02	1.39	1.02	1.52	1.09	1.57	1.06
(m^3/min)	26			1.03	0.88	1.22	1.00	1.32	1.01	1.38	1.02	1.49	1.08	1.54	1.06
	28	0.93	0.87	1.02	0.88	1.22	1.00	1.31	1.01	1.36	1.01	1.47	1.07	1.52	1.05
	30	0.93	0.87	1.02	0.88	1.21	0.99	1.29	1.00	1.34	1.00	1.45	1.07	1.50	1.04
	32	0.93	0.87	1.02	0.88	1.20	0.99	1.28	1.00	1.33	1.00	1.43	1.06	1.47	1.03
	34	0.93	0.87	1.02	0.88	1.19	0.98	1.26	0.99	1.31	0.99	1.40	1.05	1.44	1.02
	35	0.93	0.87	1.01	0.88	1.19	0.98	1.26	0.99	1.30	0.99	1.38	1.04	1.43	1.02
	36	0.93	0.87	1.01	0.88	1.18	0.98	1.25	0.99	1.28	0.98	1.36	1.04	1.40	1.01
	38	0.93	0.87	1.01	0.88	1.17	0.98	1.24	0.99	1.26	0.97	1.31	1.02	1.34	0.99
	39	0.93	0.87	1.01	0.88	1.16	0.97	1.23	0.98	1.25	0.97	1.28	1.01	1.32	0.98
	41	0.93	0.87	1.01	0.88	1.12	0.95	1.18	0.96	1.19	0.95	1.22	0.98	1.26	0.96
	43	0.93	0.87	1.00	0.87	1.09	0.94	1.13	0.94	1.14	0.93	1.17	0.97	1.19	0.94

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	0.82	0.82	0.82	0.82	0.82
	-17.8	-18	0.87	0.87	0.87	0.87	0.87
	-15.7	-16	0.93	0.93	0.93	0.93	0.93
	-13.7	-14	0.98	0.98	0.98	0.98	0.98
	-11.7	-12	1.03	1.03	1.03	1.03	1.03
Me	-9.6	-10	1.09	1.09	1.09	1.09	1.09
	-7.5	-8	1.15	1.15	1.15	1.15	1.15
4.5	-5.5	-6	1.22	1.22	1.22	1.22	1.22
(m^3/min)	-3.4	-4	1.26	1.26	1.26	1.24	1.23
	-1.3	-2	1.30	1.30	1.30	1.27	1.25
	0.8	0	1.37	1.35	1.34	1.29	1.24
	3.9	3	1.49	1.44	1.38	1.31	1.23
	7.0	6	1.63	1.52	1.42	1.32	1.22
	10.1	9	1.62	1.52	1.41	1.31	1.21
	13.2	12	1.61	1.51	1.40	1.30	1.20
	16.9	15.5	1.60	1.49	1.39	1.29	1.18

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			0.86	0.73	1.03	0.82	1.11	0.84	1.18	0.85	1.32	0.92	1.38	0.90
	12			0.86	0.73	1.03	0.82	1.11	0.84	1.18	0.85	1.32	0.92	1.37	0.89
	14			0.86	0.73	1.03	0.82	1.11	0.84	1.18	0.85	1.32	0.92	1.36	0.89
	16			0.86	0.73	1.03	0.82	1.11	0.84	1.18	0.85	1.31	0.91	1.36	0.89
	18			0.86	0.73	1.03	0.82	1.11	0.84	1.18	0.85	1.31	0.91	1.35	0.89
Lo	20			0.86	0.73	1.03	0.82	1.11	0.84	1.17	0.84	1.30	0.91	1.35	0.89
	22			0.86	0.73	1.03	0.82	1.11	0.84	1.17	0.84	1.28	0.90	1.33	0.88
3.6	24			0.86	0.73	1.03	0.82	1.11	0.84	1.16	0.84	1.27	0.90	1.31	0.87
(m^3/min)	26			0.86	0.73	1.02	0.82	1.10	0.84	1.15	0.84	1.25	0.89	1.29	0.87
	28	0.78	0.72	0.86	0.73	1.02	0.82	1.09	0.83	1.14	0.83	1.23	0.88	1.27	0.86
	30	0.78	0.72	0.85	0.72	1.01	0.82	1.08	0.83	1.12	0.83	1.21	0.88	1.25	0.85
	32	0.78	0.72	0.85	0.72	1.00	0.81	1.07	0.82	1.11	0.82	1.19	0.87	1.23	0.85
	34	0.78	0.72	0.85	0.72	1.00	0.81	1.06	0.82	1.09	0.82	1.17	0.86	1.21	0.84
	35	0.78	0.72	0.85	0.72	1.00	0.81	1.05	0.81	1.08	0.81	1.15	0.86	1.19	0.83
	36	0.78	0.72	0.85	0.72	0.99	0.81	1.04	0.81	1.07	0.81	1.13	0.85	1.17	0.83
	38	0.78	0.72	0.84	0.72	0.97	0.80	1.03	0.81	1.05	0.80	1.09	0.83	1.12	0.81
	39	0.78	0.72	0.84	0.72	0.97	0.80	1.03	0.81	1.04	0.80	1.07	0.82	1.10	0.80
	41	0.78	0.72	0.84	0.72	0.94	0.79	0.99	0.79	1.00	0.78	1.02	0.81	1.05	0.79
	43	0.78	0.72	0.84	0.72	0.91	0.77	0.94	0.77	0.95	0.76	0.97	0.79	1.00	0.77

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	0.76	0.76	0.76	0.76	0.76
	-17.8	-18	0.81	0.81	0.81	0.81	0.81
	-15.7	-16	0.85	0.85	0.85	0.85	0.85
	-13.7	-14	0.90	0.90	0.90	0.90	0.90
	-11.7	-12	0.95	0.95	0.95	0.95	0.95
Lo	-9.6	-10	1.00	1.00	1.00	1.00	1.00
	-7.5	-8	1.06	1.06	1.06	1.06	1.06
3.6	-5.5	-6	1.12	1.12	1.12	1.12	1.12
(m^3/min)	-3.4	-4	1.16	1.16	1.16	1.15	1.14
	-1.3	-2	1.20	1.20	1.19	1.17	1.15
	0.8	0	1.27	1.25	1.23	1.19	1.14
	3.9	3	1.37	1.33	1.28	1.20	1.13
	7.0	6	1.50	1.40	1.31	1.21	1.12
	10.1	9	1.49	1.40	1.30	1.21	1.11
	13.2	12	1.48	1.39	1.29	1.20	1.10
	16.9	15.5	1.47	1.38	1.28	1.19	1.09

Notes(1) This data show average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)

(2) Symbols are as follows

TC :Total cooling capacity(kW)

SHC :Sensible heat capacity(kW)

PHA001Z125 B

Model **FDK22KXZE1** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
P-Hi	10			1.80	1.62	2.16	1.83	2.33	1.87	2.48	1.89	2.78	2.04	2.89	2.00
	12			1.80	1.62	2.16	1.83	2.33	1.87	2.48	1.89	2.77	2.04	2.87	1.99
	14			1.80	1.62	2.16	1.83	2.33	1.87	2.47	1.88	2.76	2.04	2.86	1.99
	16			1.80	1.62	2.16	1.83	2.33	1.87	2.47	1.88	2.75	2.03	2.85	1.99
	18			1.80	1.62	2.16	1.83	2.33	1.87	2.47	1.88	2.74	2.03	2.84	1.98
	20			1.80	1.62	2.16	1.83	2.33	1.87	2.46	1.88	2.73	2.02	2.82	1.97
	22			1.80	1.62	2.15	1.83	2.33	1.87	2.45	1.88	2.69	2.01	2.78	1.96
8.5 (m³/min)	24			1.80	1.62	2.15	1.83	2.33	1.87	2.44	1.87	2.66	2.00	2.75	1.95
	26			1.80	1.62	2.14	1.83	2.31	1.86	2.41	1.86	2.62	1.99	2.70	1.92
	28	1.63	1.56	1.80	1.62	2.13	1.82	2.29	1.85	2.38	1.85	2.58	1.97	2.66	1.91
	30	1.63	1.56	1.79	1.62	2.12	1.82	2.27	1.84	2.36	1.84	2.54	1.94	2.62	1.90
	32	1.63	1.56	1.79	1.62	2.10	1.81	2.24	1.83	2.33	1.83	2.50	1.93	2.58	1.89
	34	1.63	1.56	1.78	1.61	2.09	1.80	2.21	1.82	2.29	1.82	2.44	1.92	2.53	1.88
	35	1.63	1.56	1.78	1.61	2.09	1.80	2.20	1.81	2.27	1.80	2.42	1.91	2.50	1.87
	36	1.63	1.56	1.78	1.61	2.07	1.80	2.19	1.81	2.25	1.80	2.37	1.90	2.45	1.86
	38	1.63	1.56	1.77	1.61	2.04	1.79	2.17	1.80	2.21	1.79	2.29	1.87	2.36	1.83
	39	1.63	1.56	1.77	1.61	2.03	1.78	2.16	1.80	2.19	1.78	2.24	1.85	2.31	1.81
	41	1.63	1.56	1.76	1.60	1.97	1.75	2.07	1.76	2.09	1.73	2.14	1.82	2.20	1.77
	43	1.63	1.56	1.76	1.60	1.91	1.73	1.98	1.72	2.00	1.70	2.05	1.79	2.09	1.74

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
P-Hi	-19.8	-20	1.45	1.45	1.45	1.45	1.45
	-17.8	-18	1.54	1.54	1.54	1.54	1.54
	-15.7	-16	1.64	1.64	1.64	1.64	1.64
	-13.7	-14	1.73	1.73	1.73	1.73	1.73
	-11.7	-12	1.82	1.82	1.82	1.82	1.82
	-9.6	-10	1.92	1.92	1.92	1.92	1.92
	-7.5	-8	2.03	2.03	2.03	2.03	2.03
8.5 (m³/min)	-5.5	-6	2.15	2.15	2.15	2.15	2.15
	-3.4	-4	2.23	2.22	2.22	2.20	2.18
	-1.3	-2	2.30	2.29	2.29	2.24	2.20
	0.8	0	2.43	2.39	2.36	2.27	2.19
	3.9	3	2.63	2.54	2.44	2.31	2.17
	7.0	6	2.88	2.69	2.50	2.33	2.15
	10.1	9	2.86	2.67	2.49	2.31	2.13
	13.2	12	2.84	2.66	2.48	2.29	2.11
	16.9	15.5	2.82	2.63	2.45	2.27	2.09

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Hi	10			1.73	1.55	2.07	1.75	2.24	1.78	2.38	1.79	2.67	1.95	2.77	1.90
	12			1.73	1.55	2.07	1.75	2.24	1.78	2.38	1.79	2.66	1.94	2.76	1.90
	14			1.73	1.55	2.07	1.75	2.24	1.78	2.38	1.79	2.65	1.94	2.75	1.90
	16			1.73	1.55	2.07	1.75	2.24	1.78	2.37	1.79	2.64	1.94	2.74	1.89
	18			1.73	1.55	2.07	1.75	2.24	1.78	2.37	1.79	2.63	1.93	2.73	1.89
	20			1.73	1.55	2.07	1.75	2.24	1.78	2.37	1.79	2.62	1.93	2.71	1.88
	22			1.73	1.55	2.07	1.75	2.24	1.78	2.36	1.79	2.59	1.92	2.68	1.87
8 (m³/min)	24			1.73	1.55	2.07	1.75	2.24	1.78	2.35	1.79	2.56	1.91	2.64	1.86
	26			1.73	1.55	2.06	1.74	2.22	1.77	2.32	1.78	2.52	1.90	2.60	1.85
	28	1.56	1.50	1.73	1.55	2.05	1.74	2.20	1.76	2.29	1.76	2.48	1.88	2.56	1.83
	30	1.56	1.50	1.72	1.54	2.04	1.73	2.18	1.76	2.26	1.75	2.44	1.87	2.52	1.82
	32	1.56	1.50	1.72	1.54	2.02	1.73	2.16	1.75	2.24	1.75	2.40	1.85	2.48	1.81
	34	1.56	1.50	1.71	1.54	2.01	1.72	2.13	1.74	2.20	1.73	2.35	1.83	2.43	1.79
	35	1.56	1.50	1.71	1.54	2.01	1.72	2.11	1.73	2.18	1.72	2.32	1.82	2.40	1.78
	36	1.56	1.50	1.71	1.54	1.99	1.71	2.10	1.72	2.16	1.72	2.28	1.81	2.36	1.77
	38	1.56	1.50	1.70	1.53	1.96	1.70	2.08	1.72	2.12	1.70	2.20	1.78	2.26	1.72
	39	1.56	1.50	1.70	1.53	1.95	1.70	2.07	1.71	2.10	1.69	2.16	1.77	2.22	1.71
	41	1.56	1.50	1.69	1.53	1.89	1.67	1.99	1.68	2.01	1.66	2.06	1.72	2.11	1.68
	43	1.56	1.50	1.69	1.53	1.83	1.65	1.90	1.65	1.92	1.63	1.97	1.70	2.01	1.66

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Hi	-19.8	-20	1.38	1.38	1.38	1.38	1.38
	-17.8	-18	1.47	1.47	1.47	1.47	1.47
	-15.7	-16	1.56	1.56	1.56	1.56	1.56
	-13.7	-14	1.65	1.65	1.65	1.65	1.65
	-11.7	-12	1.74	1.74	1.74	1.74	1.74
	-9.6	-10	1.83	1.83	1.83	1.83	1.83
	-7.5	-8	1.94	1.94	1.94	1.94	1.94
8 (m³/min)	-5.5	-6	2.05	2.05	2.05	2.05	2.05
	-3.4	-4	2.12	2.12	2.11	2.09	2.07
	-1.3	-2	2.19	2.18	2.18	2.14	2.10
	0.8	0	2.31	2.28	2.24	2.16	2.08
	3.9	3	2.51	2.42	2.33	2.20	2.07
	7.0	6	2.74	2.56	2.38	2.21	2.05
	10.1	9	2.72	2.55	2.37	2.20	2.03
	13.2	12	2.70	2.53	2.36	2.18	2.01
	16.9	15.5	2.68	2.51	2.34	2.16	1.99

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Me	10			1.41	1.22	1.69	1.38	1.83	1.41	1.95	1.43	2.18	1.54	2.26	1.51
	12			1.41	1.22	1.69	1.38	1.83	1.41	1.94	1.42	2.17	1.54	2.25	1.50
	14			1.41	1.22	1.69	1.38	1.83	1.41	1.94	1.42	2.16	1.53	2.24	1.50
	16			1.41	1.22	1.69	1.38	1.83	1.41	1.94	1.42	2.16	1.53	2.23	1.49
	18			1.41	1.22	1.69	1.38	1.83	1.41	1.94	1.42	2.15	1.53	2.22	1.49
	20			1.41	1.22	1.69	1.38	1.83	1.41	1.93	1.42	2.14	1.53	2.21	1.49
	22			1.41	1.22	1.69	1.38	1.83	1.41	1.92	1.42	2.11	1.52	2.18	1.48
6 (m³/min)	24			1.41	1.22	1.69	1.38	1.83	1.41	1.91	1.41	2.09	1.51	2.15	1.47
	26			1.41	1.22	1.68	1.38	1.81	1.40	1.89	1.40	2.05	1.49	2.12	1.46
	28	1.28	1.21	1.41	1.22	1.67	1.37	1.79	1.39	1.87	1.40	2.02	1.48	2.09	1.45
	30	1.28	1.21	1.40	1.22	1.66	1.37	1.78	1.39	1.85	1.39	1.99	1.47	2.06	1.44
	32	1.28	1.21	1.40	1.22	1.65	1.36	1.76	1.38	1.83	1.38	1.96	1.46	2.02	1.42
	34	1.28	1.21	1.40	1.22	1.64	1.35	1.74	1.37	1.80	1.37	1.92	1.44	1.98	1.41
	35	1.28	1.21	1.39	1.21	1.64	1.35	1.73	1.37	1.78	1.36	1.90	1.43	1.96	1.40
	36	1.28	1.21	1.39	1.21	1.63	1.35	1.72	1.37	1.77	1.36	1.86	1.42	1.92	1.39
	38	1.28	1.21	1.39	1.21	1.60	1.34	1.70	1.36	1.73	1.33	1.79	1.40	1.85	1.37
	39	1.28	1.21	1.39	1.21	1.59	1.34	1.69	1.35	1.71	1.33	1.76	1.39	1.81	1.36
	41	1.28	1.21	1.38	1.21	1.54	1.32	1.62	1.32	1.64	1.31	1.68	1.36	1.73	1.33
	43	1.28	1.21	1.38	1.21	1.49	1.30	1.55	1.30	1.57	1.28	1.60	1.33	1.64	1.30

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Me	-19.8	-20	1.08	1.08	1.08	1.08	1.08
	-17.8	-18	1.15	1.15	1.15	1.15	1.15
	-15.7	-16	1.22	1.22	1.22	1.22	1.22
	-13.7	-14	1.29	1.29	1.29	1.29	1.29
	-11.7	-12	1.36	1.36	1.36	1.36	1.36
	-9.6	-10	1.43	1.43	1.43	1.43	1.43
	-7.5	-8	1.52	1.52	1.52	1.52	1.52
6 (m³/min)	-5.5	-6	1.61	1.61	1.61	1.61	1.61
	-3.4	-4	1.66	1.66	1.66	1.64	1.63
	-1.3	-2	1.72	1.72	1.71	1.68	1.65
	0.8	0	1.81	1.79	1.76	1.70	1.64
	3.9	3	1.97	1.90	1.83	1.73	1.62
	7.0	6	2.15	2.01	1.87	1.74	1.61
	10.1	9	2.14	2.00	1.86	1.73	1.59
	13.2	12	2.12	1.99	1.85	1.72	1.58
	16.9	15.5	2.11	1.97	1.84	1.70	1.56

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Lo	10			1.23	1.05	1.47	1.18	1.59	1.21	1.69	1.22	1.89	1.32	1.97	1.29
	12			1.23	1.05	1.47	1.18	1.59	1.21	1.69	1.22	1.89	1.32	1.96	1.29
	14			1.23	1.05	1.47	1.18	1.59	1.21	1.69	1.22	1.88	1.32	1.95	1.28
	16			1.23	1.05	1.47	1.18	1.59	1.21	1.68	1.22	1.87	1.31	1.94	1.28
	18			1.23	1.05	1.47	1.18	1.59	1.21	1.68	1.22	1.87	1.31	1.93	1.28
	20			1.23	1.05	1.47	1.18	1.59	1.21	1.68	1.22	1.86	1.31	1.92	1.27
	22			1.23	1.05	1.47	1.18	1.59	1.21	1.67	1.21	1.84	1.30	1.90	1.27
5 (m³/min)	24			1.23	1.05	1.47	1.18	1.59	1.21	1.66	1.21	1.81	1.29	1.87	1.26
	26			1.22	1.04	1.46	1.18	1.57	1.19	1.64	1.20	1.78	1.28	1.84	1.24
	28	1.11	1.03	1.22	1.04	1.45	1.17	1.56	1.19	1.62	1.19	1.76	1.27	1.81	1.23
	30	1.11	1.03	1.22	1.04	1.44	1.17	1.54	1.18	1.61	1.18	1.73	1.25	1.79	1.23
	32	1.11	1.03	1.22	1.04	1.43	1.17	1.53	1.18	1.59	1.18	1.70	1.24	1.76	1.22
	34	1.11	1.03	1.21	1.04	1.43	1.17	1.51	1.17	1.56	1.17	1.67	1.24	1.72	1.21
	35	1.11	1.03	1.21	1.04	1.42	1.16	1.50	1.17	1.55	1.16	1.65	1.23	1.71	1.20
	36	1.11	1.03	1.21	1.04	1.41	1.16	1.49	1.17	1.53	1.16	1.62	1.22	1.67	1.19
	38	1.11	1.03	1.21	1.04	1.39	1.15	1.48	1.16	1.50	1.15	1.56	1.20	1.61	1.17
	39	1.11	1.03	1.21	1.04	1.38	1.14	1.47	1.16	1.49	1.14	1.53	1.19	1.57	1.16
	41	1.11	1.03	1.20	1.03	1.34	1.13	1.41	1.13	1.43	1.12	1.46	1.17	1.50	1.13
	43	1.11	1.03	1.20	1.03	1.30	1.11	1.35	1.11	1.36	1.09	1.39	1.14	1.43	1.11

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Lo	-19.8	-20	0.92	0.92	0.92	0.92	0.92
	-17.8	-18	0.98	0.98	0.98	0.98	0.98
	-15.7	-16	1.04	1.04	1.04	1.04	1.04
	-13.7	-14	1.10	1.10	1.10	1.10	1.10
	-11.7	-12	1.16	1.16	1.16	1.16	1.16
	-9.6	-10	1.22	1.22	1.22	1.22	1.22
	-7.5	-8	1.30	1.30	1.30	1.30	1.30
5 (m³/min)	-5.5	-6	1.37	1.37	1.37	1.37	1.37
	-3.4	-4	1.42	1.42	1.41	1.40	1.39
	-1.3	-2	1.47	1.46	1.46	1.43	1.40
	0.8	0	1.55	1.52	1.50	1.45	1.39
	3.9	3	1.68	1.62	1.56	1.47	1.38
	7.0	6	1.83	1.71	1.59	1.48	1.37
	10.1	9	1.82	1.70	1.59	1.47	1.36
	13.2	12	1.81	1.69	1.58	1.46	1.35
	16.9	15.5	1.79	1.68	1.56	1.45	1.33

Notes(1) This data show average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)

(2) Symbols are as follows

TC :Total cooling capacity(kW)

SHC :Sensible heat capacity(kW)

PHA001Z125 B

Model **FDK28KXZE1** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			2.30	1.92	2.74	2.17	2.97	2.22	3.16	2.24	3.54	2.43	3.67	2.37
	12			2.30	1.92	2.74	2.17	2.97	2.22	3.15	2.24	3.52	2.42	3.66	2.36
	14			2.30	1.92	2.74	2.17	2.97	2.22	3.15	2.24	3.51	2.42	3.64	2.36
	16			2.30	1.92	2.74	2.17	2.97	2.22	3.14	2.24	3.50	2.42	3.63	2.36
	18			2.30	1.92	2.74	2.17	2.97	2.22	3.14	2.24	3.49	2.41	3.61	2.34
P-Hi	20			2.30	1.92	2.74	2.17	2.97	2.22	3.14	2.24	3.47	2.40	3.59	2.34
	22			2.29	1.92	2.74	2.17	2.97	2.22	3.12	2.23	3.43	2.39	3.54	2.32
8.5	24			2.29	1.92	2.74	2.17	2.97	2.22	3.11	2.23	3.39	2.37	3.50	2.31
(m^3/min)	26			2.29	1.92	2.73	2.17	2.94	2.21	3.07	2.21	3.33	2.35	3.44	2.29
	28	2.07	1.90	2.28	1.92	2.72	2.16	2.91	2.20	3.03	2.20	3.28	2.33	3.39	2.27
	30	2.07	1.90	2.28	1.92	2.70	2.15	2.88	2.18	3.00	2.18	3.23	2.31	3.34	2.26
	32	2.07	1.90	2.27	1.91	2.67	2.14	2.86	2.17	2.96	2.17	3.18	2.30	3.29	2.24
	34	2.07	1.90	2.27	1.91	2.66	2.14	2.82	2.16	2.92	2.15	3.11	2.27	3.22	2.20
	35	2.07	1.90	2.26	1.91	2.66	2.14	2.80	2.15	2.89	2.14	3.08	2.26	3.18	2.19
	36	2.07	1.90	2.26	1.91	2.64	2.13	2.79	2.15	2.86	2.13	3.02	2.23	3.12	2.17
	38	2.07	1.90	2.25	1.90	2.60	2.11	2.76	2.13	2.81	2.11	2.91	2.19	3.00	2.14
	39	2.07	1.90	2.25	1.90	2.58	2.10	2.74	2.13	2.78	2.10	2.86	2.18	2.94	2.12
	41	2.07	1.90	2.24	1.90	2.50	2.07	2.63	2.08	2.66	2.05	2.73	2.13	2.80	2.08
	43	2.07	1.90	2.24	1.90	2.43	2.04	2.52	2.04	2.55	2.01	2.60	2.09	2.66	2.03

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	1.86	1.86	1.86	1.86	1.86
	-17.8	-18	1.98	1.98	1.98	1.98	1.98
	-15.7	-16	2.09	2.09	2.09	2.09	2.09
	-13.7	-14	2.21	2.21	2.21	2.21	2.21
	-11.7	-12	2.33	2.33	2.33	2.33	2.33
P-Hi	-9.6	-10	2.45	2.45	2.45	2.45	2.45
	-7.5	-8	2.60	2.60	2.60	2.60	2.60
8.5	-5.5	-6	2.75	2.75	2.75	2.75	2.75
(m^3/min)	-3.4	-4	2.85	2.84	2.84	2.81	2.78
	-1.3	-2	2.94	2.94	2.93	2.87	2.82
	0.8	0	3.10	3.06	3.02	2.91	2.80
	3.9	3	3.37	3.25	3.13	2.95	2.78
	7.0	6	3.68	3.44	3.20	2.98	2.75
	10.1	9	3.66	3.42	3.19	2.96	2.73
	13.2	12	3.63	3.40	3.17	2.94	2.70
	16.9	15.5	3.60	3.37	3.14	2.91	2.68

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			2.21	1.84	2.64	2.07	2.85	2.12	3.03	2.14	3.40	2.31	3.53	2.26
	12			2.21	1.84	2.64	2.07	2.85	2.12	3.03	2.14	3.39	2.31	3.51	2.25
	14			2.21	1.84	2.64	2.07	2.85	2.12	3.03	2.14	3.37	2.30	3.50	2.25
	16			2.21	1.84	2.64	2.07	2.85	2.12	3.02	2.14	3.36	2.30	3.48	2.24
	18			2.21	1.84	2.64	2.07	2.85	2.12	3.02	2.14	3.35	2.29	3.47	2.24
Hi	20			2.21	1.84	2.64	2.07	2.85	2.12	3.01	2.13	3.34	2.29	3.45	2.23
	22			2.20	1.83	2.64	2.07	2.85	2.12	3.00	2.13	3.30	2.28	3.41	2.22
8	24			2.20	1.83	2.63	2.07	2.85	2.12	2.99	2.13	3.25	2.26	3.36	2.20
(m^3/min)	26			2.20	1.83	2.62	2.06	2.83	2.11	2.95	2.11	3.20	2.24	3.31	2.18
	28	1.99	1.80	2.20	1.83	2.61	2.06	2.80	2.09	2.92	2.10	3.15	2.22	3.26	2.16
	30	1.99	1.80	2.19	1.83	2.59	2.05	2.77	2.08	2.88	2.07	3.10	2.21	3.21	2.15
	32	1.99	1.80	2.19	1.83	2.57	2.04	2.74	2.07	2.85	2.06	3.05	2.18	3.16	2.13
	34	1.99	1.80	2.18	1.82	2.56	2.04	2.71	2.05	2.80	2.04	2.99	2.16	3.09	2.11
	35	1.99	1.80	2.17	1.82	2.56	2.04	2.69	2.05	2.78	2.04	2.96	2.15	3.06	2.10
	36	1.99	1.80	2.17	1.82	2.54	2.03	2.68	2.04	2.75	2.03	2.90	2.13	3.00	2.08
	38	1.99	1.80	2.17	1.82	2.50	2.01	2.65	2.03	2.70	2.01	2.80	2.09	2.88	2.04
	39	1.99	1.80	2.16	1.81	2.48	2.01	2.64	2.03	2.67	2.00	2.75	2.08	2.82	2.02
	41	1.99	1.80	2.16	1.81	2.41	1.98	2.53	1.98	2.56	1.96	2.62	2.02	2.69	1.97
	43	1.99	1.80	2.15	1.81	2.33	1.95	2.42	1.94	2.45	1.92	2.50	1.98	2.56	1.93

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	1.77	1.77	1.77	1.77	1.77
	-17.8	-18	1.88	1.88	1.88	1.88	1.88
	-15.7	-16	1.99	1.99	1.99	1.99	1.99
	-13.7	-14	2.11	2.11	2.11	2.11	2.11
	-11.7	-12	2.22	2.22	2.22	2.22	2.22
Hi	-9.6	-10	2.34	2.34	2.34	2.34	2.34
	-7.5	-8	2.48	2.48	2.48	2.48	2.48
8	-5.5	-6	2.62	2.62	2.62	2.62	2.62
(m^3/min)	-3.4	-4	2.71	2.71	2.70	2.68	2.65
	-1.3	-2	2.80	2.80	2.79	2.73	2.68
	0.8	0	2.96	2.91	2.87	2.77	2.67
	3.9	3	3.21	3.09	2.98	2.81	2.64
	7.0	6	3.50	3.28	3.05	2.83	2.62
	10.1	9	3.48	3.26	3.04	2.82	2.60
	13.2	12	3.46	3.24	3.02	2.80	2.57
	16.9	15.5	3.43	3.21	2.99	2.77	2.55

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			1.80	1.45	2.15	1.64	2.33	1.68	2.48	1.70	2.77	1.84	2.88	1.79
	12			1.80	1.45	2.15	1.64	2.33	1.68	2.47	1.70	2.76	1.83	2.87	1.79
	14			1.80	1.45	2.15	1.64	2.33	1.68	2.47	1.70	2.75	1.83	2.86	1.78
	16			1.80	1.45	2.15	1.64	2.33	1.68	2.47	1.70	2.74	1.82	2.84	1.78
	18			1.80	1.45	2.15	1.64	2.33	1.68	2.46	1.69	2.73	1.82	2.83	1.77
Me	20			1.80	1.45	2.15	1.64	2.33	1.68	2.46	1.69	2.72	1.82	2.82	1.77
	22			1.80	1.45	2.15	1.64	2.33	1.68	2.45	1.69	2.69	1.80	2.78	1.75
6	24			1.79	1.45	2.15	1.64	2.33	1.68	2.44	1.69	2.65	1.79	2.74	1.74
(m^3/min)	26			1.79	1.45	2.14	1.64	2.31	1.67	2.41	1.67	2.61	1.77	2.70	1.73
	28	1.62	1.43	1.79	1.45	2.13	1.63	2.28	1.66	2.38	1.66	2.57	1.76	2.66	1.70
	30	1.62	1.43	1.79	1.45	2.11	1.62	2.26	1.65	2.35	1.65	2.53	1.74	2.62	1.69
	32	1.62	1.43	1.78	1.44	2.10	1.62	2.24	1.64	2.32	1.64	2.49	1.72	2.58	1.68
	34	1.62	1.43	1.78	1.44	2.09	1.61	2.21	1.63	2.29	1.62	2.44	1.71	2.52	1.66
	35	1.62	1.43	1.77	1.44	2.09	1.61	2.20	1.62	2.27	1.62	2.41	1.70	2.50	1.66
	36	1.62	1.43	1.77	1.44	2.07	1.61	2.18	1.62	2.25	1.61	2.37	1.68	2.45	1.64
	38	1.62	1.43	1.77	1.44	2.04	1.59	2.16	1.61	2.20	1.59	2.28	1.65	2.35	1.61
	39	1.62	1.43	1.77	1.44	2.02	1.58	2.15	1.60	2.18	1.58	2.24	1.63	2.30	1.59
	41	1.62	1.43	1.76	1.43	1.96	1.56	2.06	1.56	2.09	1.54	2.14	1.60	2.20	1.56
	43	1.62	1.43	1.75	1.43	1.90	1.53	1.98	1.53	2.00	1.51	2.04	1.56	2.09	1.52

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	1.39	1.39	1.39	1.39	1.39
	-17.8	-18	1.48	1.48	1.48	1.48	1.48
	-15.7	-16	1.57	1.57	1.57	1.57	1.57
	-13.7	-14	1.66	1.66	1.66	1.66	1.66
	-11.7	-12	1.75	1.75	1.75	1.75	1.75
Me	-9.6	-10	1.84	1.84	1.84	1.84	1.84
	-7.5	-8	1.95	1.95	1.95	1.95	1.95
6	-5.5	-6	2.06	2.06	2.06	2.06	2.06
(m^3/min)	-3.4	-4	2.13	2.13	2.12	2.10	2.08
	-1.3	-2	2.20	2.20	2.19	2.15	2.11
	0.8	0	2.32	2.29	2.26	2.18	2.09
	3.9	3	2.52	2.43	2.34	2.21	2.08
	7.0	6	2.75	2.57	2.39	2.23	2.06
	10.1	9	2.74	2.56	2.39	2.21	2.04
	13.2	12	2.72	2.54	2.37	2.20	2.02
	16.9	15.5	2.70	2.52	2.35	2.18	2.00

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			1.56	1.24	1.87	1.41	2.02	1.43	2.15	1.46	2.41	1.58	2.50	1.53
	12			1.56	1.24	1.87	1.41	2.02	1.43	2.15	1.46	2.40	1.57	2.49	1.52
	14			1.56	1.24	1.87	1.41	2.02	1.43	2.15	1.46	2.39	1.57	2.48	1.52
	16			1.56	1.24	1.87	1.41	2.02	1.43	2.14	1.45	2.38	1.56	2.47	1.52
	18			1.56	1.24	1.87	1.41	2.02	1.43	2.14	1.45	2.38	1.56	2.46	1.51
Lo	20			1.56	1.24	1.87	1.41	2.02	1.43	2.14	1.45	2.37	1.56	2.45	1.51
	22			1.56	1.24	1.87	1.41	2.02	1.43	2.13	1.45	2.34	1.54	2.42	1.50
5	24			1.56	1.24	1.87	1.41	2.02	1.43	2.12	1.45	2.31	1.53	2.38	1.49
(m^3/min)	26			1.56	1.24	1.86	1.40	2.00	1.43	2.09	1.43	2.27	1.52	2.35	1.48
	28	1.41	1.22	1.56	1.24	1.85	1.40	1.98	1.42	2.07	1.42	2.23	1.50	2.31	1.46
	30	1.41	1.22	1.55	1.24	1.84	1.39	1.97	1.41	2.04	1.41	2.20	1.49	2.27	1.45
	32	1.41	1.22	1.55	1.24	1.82	1.38	1.95	1.41	2.02	1.40	2.17	1.48	2.24	1.44
	34	1.41	1.22	1.54	1.23	1.82	1.38	1.92	1.40	1.99	1.39	2.12	1.46	2.19	1.42
	35	1.41	1.22	1.54	1.23	1.81	1.38	1.91	1.39	1.97	1.38	2.10	1.45	2.17	1.42
	36	1.41	1.22	1.54	1.23	1.80	1.38	1.90	1.39	1.95	1.38	2.06	1.44	2.13	1.40
	38	1.41	1.22	1.54	1.23	1.77	1.36	1.88	1.38	1.91	1.36	1.98	1.41	2.04	1.37
	39	1.41	1.22	1.53	1.23	1.76	1.36	1.87	1.37	1.90	1.36	1.95	1.40	2.00	1.36
	41	1.41	1.22	1.53	1.23	1.71	1.34	1.79	1.34	1.82	1.33	1.86	1.36	1.91	1.33
	43	1.41	1.22	1.52	1.22	1.65	1.31	1.72	1.31	1.74	1.29	1.77	1.33	1.81	1.29

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	1.18	1.18	1.18	1.18	1.18
	-17.8	-18	1.26	1.26	1.26	1.26	1.26
	-15.7	-16	1.33	1.33	1.33	1.33	1.33
	-13.7	-14	1.41	1.41	1.41	1.41	1.41
	-11.7	-12	1.49	1.49	1.49	1.49	1.49
Lo	-9.6	-10	1.56	1.56	1.56	1.56	1.56
	-7.5	-8	1.66	1.66	1.66	1.66	1.66
5	-5.5	-6	1.75	1.75	1.75	1.75	1.75
(m^3/min)	-3.4	-4	1.81	1.81	1.81	1.79	1.77
	-1.3	-2	1.88	1.87	1.87	1.83	1.79
	0.8	0	1.98	1.95	1.92	1.85	1.78
	3.9	3	2.15	2.07	1.99	1.88	1.77
	7.0	6	2.34	2.19	2.04	1.90	1.75
	10.1	9	2.33	2.18	2.03	1.88	1.74
	13.2	12	2.31	2.17	2.02	1.87	1.72
	16.9	15.5	2.30	2.15	2.00	1.85	1.70

Notes(1) This data show average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)

(2) Symbols are as follows

TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PHA001Z125 B

Model **FDK36KXZE1** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			2.95	2.46	3.53	2.77	3.82	2.84	4.06	2.87	4.55	3.10	4.72	3.02
	12			2.95	2.46	3.53	2.77	3.82	2.84	4.05	2.87	4.53	3.10	4.70	3.02
	14			2.95	2.46	3.53	2.77	3.82	2.84	4.05	2.87	4.51	3.09	4.68	3.01
	16			2.95	2.46	3.53	2.77	3.82	2.84	4.04	2.86	4.50	3.09	4.66	2.99
	18			2.95	2.46	3.53	2.77	3.82	2.84	4.04	2.86	4.48	3.07	4.64	2.98
P-Hi	20			2.95	2.46	3.53	2.77	3.82	2.84	4.03	2.86	4.47	3.07	4.62	2.98
	22			2.95	2.46	3.53	2.77	3.82	2.84	4.01	2.85	4.41	3.05	4.56	2.96
11	24			2.94	2.45	3.52	2.77	3.82	2.84	3.99	2.84	4.35	3.02	4.49	2.94
(m³/min)	26			2.94	2.45	3.51	2.77	3.78	2.82	3.95	2.83	4.28	2.99	4.43	2.92
	28	2.66	2.42	2.94	2.45	3.49	2.76	3.74	2.80	3.90	2.81	4.22	2.97	4.36	2.90
	30	2.66	2.42	2.93	2.45	3.47	2.75	3.71	2.79	3.86	2.79	4.15	2.95	4.29	2.88
	32	2.66	2.42	2.92	2.44	3.44	2.74	3.67	2.78	3.81	2.77	4.09	2.93	4.23	2.85
	34	2.66	2.42	2.91	2.43	3.43	2.73	3.62	2.75	3.75	2.75	4.00	2.89	4.14	2.83
	35	2.66	2.42	2.91	2.43	3.42	2.73	3.60	2.75	3.72	2.73	3.96	2.88	4.09	2.81
	36	2.66	2.42	2.91	2.43	3.39	2.72	3.58	2.74	3.68	2.72	3.89	2.85	4.02	2.79
	38	2.66	2.42	2.90	2.43	3.34	2.69	3.55	2.73	3.61	2.69	3.74	2.80	3.86	2.73
	39	2.66	2.42	2.89	2.43	3.32	2.69	3.53	2.72	3.58	2.68	3.67	2.78	3.78	2.71
	41	2.66	2.42	2.88	2.42	3.22	2.63	3.38	2.66	3.43	2.62	3.51	2.72	3.60	2.65
	43	2.66	2.42	2.87	2.42	3.12	2.60	3.24	2.59	3.28	2.56	3.35	2.66	3.42	2.57

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.32	2.32	2.32	2.32	2.32
	-17.8	-18	2.47	2.47	2.47	2.47	2.47
	-15.7	-16	2.62	2.62	2.62	2.62	2.62
	-13.7	-14	2.77	2.77	2.77	2.77	2.77
	-11.7	-12	2.92	2.92	2.92	2.92	2.92
P-Hi	-9.6	-10	3.07	3.07	3.07	3.07	3.07
	-7.5	-8	3.25	3.25	3.25	3.25	3.25
11	-5.5	-6	3.44	3.44	3.44	3.44	3.44
(m³/min)	-3.4	-4	3.56	3.56	3.55	3.52	3.48
	-1.3	-2	3.68	3.67	3.66	3.59	3.52
	0.8	0	3.88	3.83	3.77	3.64	3.50
	3.9	3	4.21	4.06	3.91	3.69	3.47
	7.0	6	4.60	4.30	4.00	3.72	3.44
	10.1	9	4.57	4.28	3.99	3.70	3.41
	13.2	12	4.54	4.25	3.96	3.67	3.38
	16.9	15.5	4.51	4.22	3.93	3.64	3.35

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			2.74	2.25	3.28	2.56	3.55	2.61	3.77	2.64	4.23	2.86	4.39	2.79
	12			2.74	2.25	3.28	2.56	3.55	2.61	3.77	2.64	4.21	2.85	4.37	2.78
	14			2.74	2.25	3.28	2.56	3.55	2.61	3.76	2.63	4.20	2.85	4.35	2.78
	16			2.74	2.25	3.28	2.56	3.55	2.61	3.76	2.63	4.18	2.84	4.33	2.77
	18			2.74	2.25	3.28	2.56	3.55	2.61	3.75	2.63	4.17	2.84	4.31	2.76
Hi	20			2.74	2.25	3.28	2.56	3.55	2.61	3.75	2.63	4.15	2.83	4.29	2.75
	22			2.74	2.25	3.28	2.56	3.55	2.61	3.73	2.62	4.10	2.81	4.24	2.74
10	24			2.74	2.25	3.28	2.56	3.55	2.61	3.71	2.61	4.05	2.79	4.18	2.72
(m³/min)	26			2.73	2.25	3.26	2.55	3.51	2.60	3.67	2.60	3.98	2.77	4.11	2.69
	28	2.48	2.23	2.73	2.25	3.25	2.54	3.48	2.59	3.63	2.59	3.92	2.75	4.05	2.67
	30	2.48	2.23	2.72	2.25	3.22	2.53	3.45	2.58	3.58	2.57	3.86	2.72	3.99	2.65
	32	2.48	2.23	2.72	2.25	3.20	2.53	3.41	2.56	3.54	2.56	3.80	2.70	3.93	2.62
	34	2.48	2.23	2.71	2.24	3.18	2.52	3.37	2.54	3.49	2.53	3.72	2.66	3.85	2.59
	35	2.48	2.23	2.70	2.24	3.18	2.52	3.35	2.53	3.46	2.52	3.68	2.64	3.81	2.58
	36	2.48	2.23	2.70	2.24	3.16	2.51	3.33	2.52	3.42	2.50	3.61	2.62	3.73	2.56
	38	2.48	2.23	2.69	2.23	3.11	2.49	3.30	2.51	3.36	2.48	3.48	2.58	3.58	2.51
	39	2.48	2.23	2.69	2.23	3.08	2.48	3.28	2.51	3.32	2.47	3.41	2.56	3.51	2.49
	41	2.48	2.23	2.68	2.23	2.99	2.44	3.15	2.45	3.18	2.41	3.26	2.50	3.35	2.44
	43	2.48	2.23	2.67	2.23	2.90	2.40	3.01	2.39	3.04	2.36	3.11	2.45	3.18	2.38

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.14	2.14	2.14	2.14	2.14
	-17.8	-18	2.28	2.28	2.28	2.28	2.28
	-15.7	-16	2.42	2.42	2.42	2.42	2.42
	-13.7	-14	2.56	2.56	2.56	2.56	2.56
	-11.7	-12	2.69	2.69	2.69	2.69	2.69
Hi	-9.6	-10	2.83	2.83	2.83	2.83	2.83
	-7.5	-8	3.00	3.00	3.00	3.00	3.00
10	-5.5	-6	3.18	3.18	3.18	3.18	3.18
(m³/min)	-3.4	-4	3.29	3.28	3.28	3.24	3.21
	-1.3	-2	3.40	3.39	3.38	3.31	3.25
	0.8	0	3.58	3.53	3.48	3.36	3.23
	3.9	3	3.89	3.75	3.61	3.41	3.20
	7.0	6	4.25	3.97	3.69	3.43	3.18
	10.1	9	4.22	3.95	3.68	3.41	3.15
	13.2	12	4.19	3.92	3.66	3.39	3.12
	16.9	15.5	4.16	3.89	3.62	3.36	3.09

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			2.29	1.86	2.74	2.11	2.96	2.15	3.15	2.18	3.53	2.36	3.67	2.30
	12			2.29	1.86	2.74	2.11	2.96	2.15	3.15	2.18	3.52	2.35	3.65	2.29
	14			2.29	1.86	2.74	2.11	2.96	2.15	3.14	2.18	3.51	2.35	3.63	2.28
	16			2.29	1.86	2.74	2.11	2.96	2.15	3.14	2.18	3.49	2.34	3.62	2.28
	18			2.29	1.86	2.74	2.11	2.96	2.15	3.14	2.18	3.48	2.34	3.60	2.27
Me	20			2.29	1.86	2.74	2.11	2.96	2.15	3.13	2.17	3.47	2.33	3.59	2.27
	22			2.29	1.86	2.74	2.11	2.96	2.15	3.12	2.17	3.42	2.31	3.54	2.25
8	24			2.28	1.86	2.74	2.11	2.96	2.15	3.10	2.16	3.38	2.30	3.49	2.23
(m³/min)	26			2.28	1.86	2.72	2.10	2.93	2.14	3.07	2.15	3.33	2.28	3.44	2.20
	28	2.07	1.83	2.28	1.86	2.71	2.09	2.91	2.13	3.03	2.13	3.27	2.26	3.38	2.19
	30	2.07	1.83	2.28	1.86	2.69	2.08	2.88	2.12	2.99	2.11	3.22	2.23	3.33	2.17
	32	2.07	1.83	2.27	1.85	2.67	2.08	2.85	2.10	2.96	2.10	3.17	2.21	3.28	2.16
	34	2.07	1.83	2.26	1.85	2.66	2.07	2.81	2.09	2.91	2.08	3.11	2.19	3.21	2.14
	35	2.07	1.83	2.26	1.85	2.66	2.07	2.80	2.08	2.89	2.08	3.07	2.18	3.18	2.13
	36	2.07	1.83	2.26	1.85	2.64	2.06	2.78	2.08	2.86	2.07	3.02	2.16	3.12	2.11
	38	2.07	1.83	2.25	1.84	2.60	2.05	2.75	2.06	2.80	2.04	2.91	2.12	2.99	2.06
	39	2.07	1.83	2.25	1.84	2.58	2.04	2.74	2.06	2.78	2.03	2.85	2.10	2.93	2.04
	41	2.07	1.83	2.24	1.84	2.50	2.00	2.63	2.02	2.66	1.98	2.73	2.06	2.79	2.00
	43	2.07	1.83	2.23	1.83	2.42	1.96	2.52	1.97	2.54	1.93	2.60	2.01	2.66	1.95

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	1.76	1.76	1.76	1.76	1.76
	-17.8	-18	1.88	1.88	1.88	1.88	1.88
	-15.7	-16	1.99	1.99	1.99	1.99	1.99
	-13.7	-14	2.11	2.11	2.11	2.11	2.11
	-11.7	-12	2.22	2.22	2.22	2.22	2.22
Me	-9.6	-10	2.33	2.33	2.33	2.33	2.33
	-7.5	-8	2.47	2.47	2.47	2.47	2.47
8	-5.5	-6	2.62	2.62	2.62	2.62	2.62
(m³/min)	-3.4	-4	2.71	2.70	2.70	2.67	2.65
	-1.3	-2	2.80	2.79	2.78	2.73	2.68
	0.8	0	2.95	2.91	2.87	2.76	2.66
	3.9	3	3.20	3.09	2.97	2.81	2.64
	7.0	6	3.50	3.27	3.04	2.83	2.62
	10.1	9	3.48	3.25	3.03	2.81	2.59
	13.2	12	3.45	3.23	3.01	2.79	2.57
	16.9	15.5	3.43	3.21	2.99	2.76	2.54

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			2.05	1.65	2.45	1.87	2.65	1.91	2.82	1.94	3.16	2.09	3.28	2.04
	12			2.05	1.65	2.45	1.87	2.65	1.91	2.81	1.93	3.14	2.08	3.26	2.03
	14			2.05	1.65	2.45	1.87	2.65	1.91	2.81	1.93	3.13	2.08	3.25	2.03
	16			2.05	1.65	2.45	1.87	2.65	1.91	2.81	1.93	3.12	2.08	3.23	2.02
	18			2.05	1.65	2.45	1.87	2.65	1.91	2.80	1.93	3.11	2.07	3.22	2.02
Lo	20			2.05	1.65	2.45	1.87	2.65	1.91	2.80	1.93	3.10	2.07	3.21	2.02
	22			2.05	1.65	2.45	1.87	2.65	1.91	2.79	1.93	3.06	2.05	3.16	2.00
7	24			2.04	1.65	2.45	1.87	2.65	1.91	2.77	1.92	3.02	2.04	3.12	1.98
(m³/min)	26			2.04	1.65	2.43	1.86	2.62	1.90	2.74	1.90	2.97	2.02	3.07	1.97
	28	1.85	1.63	2.04	1.65	2.42	1.86	2.60	1.89	2.71	1.89	2.93	2.00	3.02	1.95
	30	1.85	1.63	2.03	1.64	2.40	1.85	2.57	1.88	2.68	1.88	2.88	1.98	2.98	1.93
	32	1.85	1.63	2.03	1.64	2.39	1.84	2.55	1.87	2.64	1.86	2.84	1.97	2.93	1.92
	34	1.85	1.63	2.02	1.64	2.38	1.84	2.52	1.86	2.60	1.85	2.78	1.95	2.87	1.90
	35	1.85	1.63	2.02	1.64	2.37	1.83	2.50	1.85	2.58	1.84	2.75	1.94	2.84	1.88
	36	1.85	1.63	2.02	1.64	2.36	1.83	2.49	1.84	2.56	1.83	2.70	1.92	2.79	1.87
	38	1.85	1.63	2.01	1.63	2.32	1.81	2.46	1.83	2.51	1.81	2.60	1.87	2.68	1.83
	39	1.85	1.63	2.01	1.63	2.30	1.80	2.45	1.83	2.48	1.80	2.55	1.86	2.62	1.81
	41	1.85	1.63	2.00	1.63	2.23	1.77	2.35	1.79	2.38	1.76	2.44	1.82	2.50	1.77
	43	1.85	1.63	1.99	1.62	2.16	1.74	2.25	1.75	2.27	1.72	2.32	1.78	2.38	1.73

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	1.56	1.56	1.56	1.56	1.56
	-17.8	-18	1.67	1.67	1.67	1.67	1.67
	-15.7	-16	1.77	1.77	1.77	1.77	1.77
	-13.7	-14	1.87	1.87	1.87	1.87	1.87
	-11.7	-12	1.97	1.97	1.97	1.97	1.97
Lo	-9.6	-10	2.07	2.07	2.07	2.07	2.07
	-7.5	-8	2.19	2.19	2.19	2.19	2.19
7	-5.5	-6	2.32	2.32	2.32	2.32	2.32
(m³/min)	-3.4	-4	2.40	2.40	2.39	2.37	2.35
	-1.3	-2	2.48	2.48	2.47	2.42	2.37
	0.8	0	2.62	2.58	2.54	2.45	2.36
	3.9	3	2.84	2.74	2.64	2.49	2.34
	7.0	6	3.10	2.90	2.70	2.51	2.32
	10.1	9	3.08	2.89	2.69	2.49	2.30
	13.2	12	3.06	2.87	2.67	2.48	2.28
	16.9	15.5	3.04	2.84	2.65	2.45	2.26

Notes(1) This data show average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)

(2) Symbols are as follows

TC :Total cooling capacity(kW)

SHC :Sensible heat capacity(kW)

PHA001Z125 B

Model **FDK45KXZE1** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			3.69	2.95	4.41	3.35	4.77	3.43	5.07	3.47	5.68	3.75	5.90	3.65
	12			3.69	2.95	4.41	3.35	4.77	3.43	5.07	3.47	5.66	3.74	5.88	3.64
	14			3.69	2.95	4.41	3.35	4.77	3.43	5.06	3.47	5.64	3.73	5.85	3.63
	16			3.69	2.95	4.41	3.35	4.77	3.43	5.05	3.46	5.62	3.73	5.83	3.63
	18			3.69	2.95	4.41	3.35	4.77	3.43	5.05	3.46	5.60	3.71	5.80	3.61
P-Hi	20			3.69	2.95	4.41	3.35	4.77	3.43	5.04	3.46	5.58	3.71	5.78	3.60
	22			3.68	2.95	4.41	3.35	4.77	3.43	5.02	3.45	5.51	3.68	5.70	3.58
12	24			3.68	2.95	4.41	3.35	4.77	3.43	4.99	3.44	5.44	3.65	5.62	3.55
(m^3/min)	26			3.68	2.95	4.39	3.34	4.73	3.41	4.93	3.41	5.35	3.62	5.53	3.50
	28	3.33	2.91	3.67	2.94	4.37	3.33	4.68	3.39	4.88	3.39	5.27	3.59	5.44	3.47
	30	3.33	2.91	3.66	2.94	4.33	3.30	4.64	3.37	4.82	3.37	5.19	3.54	5.36	3.45
	32	3.33	2.91	3.65	2.93	4.30	3.29	4.59	3.35	4.76	3.35	5.11	3.52	5.28	3.43
	34	3.33	2.91	3.64	2.93	4.28	3.28	4.53	3.33	4.69	3.31	5.00	3.48	5.17	3.39
	35	3.33	2.91	3.64	2.93	4.28	3.28	4.50	3.31	4.65	3.30	4.95	3.46	5.12	3.38
	36	3.33	2.91	3.63	2.93	4.24	3.27	4.48	3.30	4.60	3.28	4.86	3.43	5.02	3.34
	38	3.33	2.91	3.62	2.92	4.18	3.24	4.43	3.27	4.52	3.23	4.68	3.37	4.82	3.27
	39	3.33	2.91	3.62	2.92	4.15	3.23	4.41	3.26	4.47	3.22	4.59	3.33	4.72	3.24
	41	3.33	2.91	3.61	2.92	4.02	3.18	4.23	3.20	4.28	3.15	4.39	3.26	4.50	3.17
	43	3.33	2.91	3.59	2.91	3.90	3.13	4.05	3.12	4.09	3.08	4.18	3.19	4.28	3.10

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.90	2.90	2.90	2.90	2.90
	-17.8	-18	3.09	3.09	3.09	3.09	3.09
	-15.7	-16	3.27	3.27	3.27	3.27	3.27
	-13.7	-14	3.46	3.46	3.46	3.46	3.46
	-11.7	-12	3.65	3.65	3.65	3.65	3.65
P-Hi	-9.6	-10	3.83	3.83	3.83	3.83	3.83
12	-7.5	-8	4.07	4.07	4.07	4.07	4.07
(m^3/min)	-5.5	-6	4.30	4.30	4.30	4.30	4.30
	-3.4	-4	4.45	4.44	4.44	4.39	4.35
	-1.3	-2	4.60	4.59	4.58	4.49	4.40
	0.8	0	4.85	4.78	4.71	4.54	4.38
	3.9	3	5.26	5.08	4.89	4.61	4.34
	7.0	6	5.75	5.38	5.00	4.65	4.30
	10.1	9	5.71	5.35	4.98	4.62	4.26
	13.2	12	5.68	5.31	4.95	4.59	4.23
	16.9	15.5	5.63	5.27	4.91	4.54	4.18

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			3.46	2.75	4.13	3.11	4.47	3.19	4.76	3.23	5.33	3.49	5.53	3.40
	12			3.46	2.75	4.13	3.11	4.47	3.19	4.75	3.23	5.31	3.48	5.51	3.39
	14			3.46	2.75	4.13	3.11	4.47	3.19	4.74	3.22	5.29	3.47	5.48	3.37
	16			3.46	2.75	4.13	3.11	4.47	3.19	4.74	3.22	5.27	3.46	5.46	3.37
	18			3.46	2.75	4.13	3.11	4.47	3.19	4.73	3.22	5.25	3.46	5.44	3.36
Hi	20			3.46	2.75	4.13	3.11	4.47	3.19	4.72	3.22	5.23	3.45	5.41	3.35
	22			3.45	2.75	4.13	3.11	4.47	3.19	4.70	3.21	5.16	3.42	5.34	3.33
11	24			3.45	2.75	4.13	3.11	4.47	3.19	4.68	3.20	5.10	3.40	5.26	3.30
(m^3/min)	26			3.44	2.74	4.11	3.11	4.43	3.17	4.62	3.17	5.02	3.37	5.18	3.27
	28	3.12	2.71	3.44	2.74	4.09	3.09	4.39	3.15	4.57	3.16	4.94	3.33	5.10	3.24
	30	3.12	2.71	3.43	2.74	4.06	3.08	4.34	3.13	4.52	3.13	4.86	3.31	5.03	3.22
	32	3.12	2.71	3.42	2.73	4.03	3.07	4.30	3.11	4.46	3.11	4.79	3.28	4.95	3.19
	34	3.12	2.71	3.41	2.73	4.01	3.06	4.24	3.09	4.39	3.08	4.69	3.24	4.85	3.16
	35	3.12	2.71	3.41	2.73	4.01	3.06	4.22	3.08	4.36	3.07	4.63	3.22	4.80	3.14
	36	3.12	2.71	3.40	2.73	3.98	3.04	4.20	3.07	4.31	3.05	4.55	3.19	4.70	3.09
	38	3.12	2.71	3.39	2.72	3.91	3.02	4.15	3.05	4.23	3.02	4.39	3.12	4.52	3.03
	39	3.12	2.71	3.39	2.72	3.88	3.00	4.13	3.04	4.19	3.00	4.30	3.09	4.42	3.00
	41	3.12	2.71	3.38	2.72	3.77	2.96	3.96	2.97	4.01	2.93	4.11	3.02	4.22	2.94
	43	3.12	2.71	3.37	2.71	3.65	2.89	3.79	2.91	3.84	2.85	3.92	2.96	4.01	2.87

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.70	2.70	2.70	2.70	2.70
	-17.8	-18	2.87	2.87	2.87	2.87	2.87
	-15.7	-16	3.05	3.05	3.05	3.05	3.05
	-13.7	-14	3.22	3.22	3.22	3.22	3.22
	-11.7	-12	3.40	3.40	3.40	3.40	3.40
Hi	-9.6	-10	3.57	3.57	3.57	3.57	3.57
11	-7.5	-8	3.79	3.79	3.79	3.79	3.79
(m^3/min)	-5.5	-6	4.00	4.00	4.00	4.00	4.00
	-3.4	-4	4.14	4.14	4.13	4.09	4.05
	-1.3	-2	4.28	4.27	4.26	4.18	4.10
	0.8	0	4.52	4.45	4.39	4.23	4.07
	3.9	3	4.90	4.73	4.55	4.29	4.04
	7.0	6	5.35	5.00	4.66	4.33	4.00
	10.1	9	5.32	4.98	4.64	4.30	3.97
	13.2	12	5.28	4.95	4.61	4.27	3.93
	16.9	15.5	5.24	4.91	4.57	4.23	3.89

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			2.95	2.31	3.53	2.61	3.82	2.69	4.06	2.72	4.55	2.94	4.72	2.86
	12			2.95	2.31	3.53	2.61	3.82	2.69	4.06	2.72	4.53	2.93	4.70	2.85
	14			2.95	2.31	3.53	2.61	3.82	2.69	4.05	2.72	4.52	2.92	4.68	2.84
	16			2.95	2.31	3.53	2.61	3.82	2.69	4.05	2.72	4.50	2.92	4.66	2.84
	18			2.95	2.31	3.53	2.61	3.82	2.69	4.04	2.71	4.48	2.91	4.64	2.83
Me	20			2.95	2.31	3.53	2.61	3.82	2.69	4.03	2.71	4.47	2.91	4.62	2.82
	22			2.95	2.31	3.53	2.61	3.82	2.69	4.02	2.71	4.41	2.88	4.56	2.80
9	24			2.94	2.31	3.53	2.61	3.82	2.69	4.00	2.70	4.35	2.86	4.50	2.78
(m^3/min)	26			2.94	2.31	3.51	2.61	3.78	2.67	3.95	2.68	4.29	2.84	4.43	2.75
	28	2.67	2.28	2.94	2.31	3.49	2.60	3.75	2.66	3.90	2.66	4.22	2.81	4.36	2.72
	30	2.67	2.28	2.93	2.30	3.47	2.59	3.71	2.64	3.86	2.64	4.15	2.78	4.29	2.69
	32	2.67	2.28	2.92	2.30	3.44	2.58	3.67	2.62	3.81	2.62	4.09	2.75	4.23	2.68
	34	2.67	2.28	2.92	2.30	3.43	2.57	3.63	2.60	3.75	2.58	4.00	2.72	4.14	2.65
	35	2.67	2.28	2.91	2.30	3.42	2.57	3.60	2.58	3.72	2.57	3.96	2.70	4.10	2.64
	36	2.67	2.28	2.91	2.30	3.40	2.56	3.58	2.58	3.69	2.56	3.89	2.68	4.02	2.61
	38	2.67	2.28	2.90	2.29	3.34	2.54	3.55	2.57	3.61	2.53	3.75	2.63	3.86	2.55
	39	2.67	2.28	2.90	2.29	3.32	2.53	3.53	2.56	3.58	2.52	3.67	2.60	3.78	2.52
	41	2.67	2.28	2.89	2.29	3.22	2.49	3.39	2.50	3.43	2.46	3.51	2.54	3.60	2.46
	43	2.67	2.28	2.88	2.28	3.12	2.44	3.24	2.44	3.28	2.40	3.35	2.48	3.42	2.41

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.28	2.28	2.28	2.28	2.28
	-17.8	-18	2.42	2.42	2.42	2.42	2.42
	-15.7	-16	2.57	2.57	2.57	2.57	2.57
	-13.7	-14	2.72	2.72	2.72	2.72	2.72
	-11.7	-12	2.86	2.86	2.86	2.86	2.86
Me	-9.6	-10	3.01	3.01	3.01	3.01	3.01
9	-7.5	-8	3.19	3.19	3.19	3.19	3.19
(m^3/min)	-5.5	-6	3.38	3.38	3.38	3.38	3.38
	-3.4	-4	3.49	3.49	3.49	3.45	3.42
	-1.3	-2	3.61	3.60	3.59	3.52	3.46
	0.8	0	3.81	3.76	3.70	3.57	3.44
	3.9	3	4.13	3.99	3.84	3.62	3.41
	7.0	6	4.52	4.22	3.93	3.65	3.38
	10.1	9	4.49	4.20	3.91	3.63	3.35
	13.2	12	4.46	4.17	3.89	3.60	3.32
	16.9	15.5	4.42	4.14	3.85	3.57	3.28

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			2.68	2.09	3.21	2.37	3.47	2.42	3.69	2.46	4.13	2.65	4.29	2.58
	12			2.68	2.09	3.21	2.37	3.47	2.42	3.69	2.46	4.12	2.65	4.27	2.57
	14			2.68	2.09	3.21	2.37	3.47	2.42	3.68	2.45	4.10	2.64	4.25	2.56
	16			2.68	2.09	3.21	2.37	3.47	2.42	3.68	2.45	4.09	2.64	4.24	2.56
	18			2.68	2.09	3.21	2.37	3.47	2.42	3.67	2.45	4.07	2.63	4.22	2.56
Lo	20			2.68	2.09	3.21	2.37	3.47	2.42	3.67	2.45	4.06	2.62	4.20	2.54
	22			2.68	2.09	3.21	2.37	3.47	2.42	3.65	2.44	4.01	2.60	4.14	2.53
8	24			2.67	2.08	3.20	2.36	3.47	2.42	3.63	2.43	3.96	2.58	4.08	2.50
(m^3/min)	26			2.67	2.08	3.19	2.36	3.44	2.41	3.59	2.41	3.89	2.55	4.02	2.48
	28	2.42	2.05	2.67	2.08	3.17	2.35	3.40	2.39	3.55	2.40	3.83	2.53	3.96	2.46
	30	2.42	2.05	2.66	2.07	3.15	2.34	3.37	2.38	3.50	2.38	3.77	2.51	3.90	2.44
	32	2.42	2.05	2.66	2.07	3.12	2.33	3.34	2.37	3.46	2.36	3.71	2.48	3.84	2.42
	34	2.42	2.05	2.65	2.07	3.11	2.32	3.29	2.35	3.41	2.34	3.64	2.46	3.76	2.39
	35	2.42	2.05	2.64	2.06	3.11	2.32	3.27	2.34	3.38	2.33	3.60	2.44	3.72	2.37
	36	2.42	2.05	2.64	2.06	3.09	2.31	3.26	2.33	3.35	2.32	3.53	2.41	3.65	2.35
	38	2.42	2.05	2.63	2.06	3.04	2.29	3.22	2.31	3.28	2.29	3.40	2.36	3.50	2.29
	39	2.42	2.05	2.63	2.06	3.01	2.28	3.21	2.31	3.25	2.28	3.34	2.34	3.43	2.27
	41	2.42	2.05	2.62	2.05	2.92	2.23	3.08	2.26	3.11	2.22	3.19	2.29	3.27	2.22
	43	2.42	2.05	2.61	2.05	2.83	2.20	2.94	2.19	2.98	2.16	3.04	2.23	3.11	2.16

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.05	2.05	2.05	2.05	2.05
	-17.8	-18	2.19	2.19	2.19	2.19	2.19
	-15.7	-16	2.32	2.32	2.32	2.32	2.32
	-13.7	-14	2.45	2.45	2.45	2.45	2.45
	-11.7	-12	2.58	2.58	2.58	2.58	2.58
Lo	-9.6	-10	2.71	2.71	2.71	2.71	2.71
8	-7.5	-8	2.88	2.88	2.88	2.88	2.88
(m^3/min)	-5.5	-6	3.05	3.05	3.05	3.05	3.05
	-3.4	-4	3.15	3.15	3.14	3.11	3.08
	-1.3	-2	3.26	3.25	3.24	3.18	3.12
	0.8	0	3.43	3.39	3.34	3.22	3.10
	3.9	3	3.73	3.59	3.46	3.27	3.07
	7.0	6	4.07	3.81	3.54	3.29	3.05
	10.1	9	4.05	3.79	3.53	3.27	3.02
	13.2	12	4.02	3.76	3.51	3.25	2.99
	16.9	15.5	3.99	3.73	3.47	3.22	2.96

Notes(1) This data show average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)

(2) Symbols are as follows

TC :Total cooling capacity(kW)

SHC :Sensible heat capacity(kW)

PHA001Z125 B

Model **FDK56KXZE1** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
P-Hi	10			4.59	3.50	5.49	3.96	5.94	4.07	6.32	4.13	7.07	4.45	7.35	4.33
	12			4.59	3.50	5.49	3.96	5.94	4.07	6.31	4.13	7.05	4.45	7.31	4.31
	14			4.59	3.50	5.49	3.96	5.94	4.07	6.30	4.12	7.02	4.43	7.28	4.30
	16			4.59	3.50	5.49	3.96	5.94	4.07	6.29	4.12	7.00	4.42	7.25	4.29
	18			4.59	3.50	5.49	3.96	5.94	4.07	6.28	4.11	6.97	4.41	7.22	4.28
	20			4.59	3.50	5.49	3.96	5.94	4.07	6.27	4.11	6.95	4.40	7.19	4.27
	22			4.58	3.50	5.49	3.96	5.94	4.07	6.24	4.10	6.86	4.36	7.09	4.24
12 (m³/min)	24			4.58	3.50	5.48	3.96	5.94	4.07	6.21	4.09	6.77	4.33	6.99	4.19
	26			4.57	3.49	5.46	3.95	5.88	4.04	6.14	4.06	6.66	4.28	6.88	4.16
	28	4.14	3.44	4.57	3.49	5.43	3.94	5.82	4.02	6.07	4.02	6.56	4.24	6.78	4.12
	30	4.14	3.44	4.56	3.48	5.39	3.92	5.77	3.99	6.00	3.99	6.46	4.20	6.67	4.06
	32	4.14	3.44	4.55	3.48	5.35	3.90	5.71	3.97	5.93	3.96	6.36	4.16	6.57	4.03
	34	4.14	3.44	4.53	3.47	5.33	3.89	5.64	3.94	5.83	3.92	6.22	4.10	6.44	3.98
	35	4.14	3.44	4.52	3.46	5.32	3.89	5.60	3.92	5.79	3.91	6.16	4.07	6.37	3.96
	36	4.14	3.44	4.52	3.46	5.28	3.87	5.57	3.90	5.73	3.88	6.05	4.03	6.25	3.92
	38	4.14	3.44	4.51	3.46	5.20	3.84	5.52	3.88	5.62	3.83	5.82	3.95	6.00	3.83
	39	4.14	3.44	4.50	3.45	5.16	3.82	5.49	3.87	5.56	3.81	5.71	3.91	5.87	3.79
	41	4.14	3.44	4.49	3.45	5.00	3.75	5.26	3.77	5.33	3.71	5.46	3.82	5.60	3.70
	43	4.14	3.44	4.47	3.44	4.85	3.68	5.04	3.68	5.10	3.62	5.21	3.73	5.32	3.60

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
P-Hi	-19.8	-20	3.65	3.65	3.65	3.65	3.65
	-17.8	-18	3.89	3.89	3.89	3.89	3.89
	-15.7	-16	4.12	4.12	4.12	4.12	4.12
	-13.7	-14	4.36	4.36	4.36	4.36	4.36
	-11.7	-12	4.59	4.59	4.59	4.59	4.59
	-9.6	-10	4.83	4.83	4.83	4.83	4.83
	-7.5	-8	5.12	5.12	5.12	5.12	5.12
13 (m³/min)	-5.5	-6	5.42	5.42	5.42	5.42	5.42
	-3.4	-4	5.61	5.60	5.59	5.54	5.48
	-1.3	-2	5.80	5.78	5.76	5.65	5.54
	0.8	0	6.11	6.02	5.94	5.73	5.51
	3.9	3	6.63	6.39	6.16	5.81	5.47
	7.0	6	7.25	6.77	6.30	5.86	5.42
	10.1	9	7.20	6.74	6.28	5.82	5.37
	13.2	12	7.15	6.69	6.24	5.78	5.32
	16.9	15.5	7.10	6.64	6.18	5.73	5.27

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Hi	10			4.30	3.25	5.14	3.69	5.56	3.78	5.92	3.84	6.63	4.14	6.88	4.03
	12			4.30	3.25	5.14	3.69	5.56	3.78	5.91	3.84	6.60	4.13	6.85	4.02
	14			4.30	3.25	5.14	3.69	5.56	3.78	5.90	3.83	6.58	4.12	6.82	4.01
	16			4.30	3.25	5.14	3.69	5.56	3.78	5.89	3.83	6.56	4.12	6.79	3.99
	18			4.30	3.25	5.14	3.69	5.56	3.78	5.89	3.83	6.53	4.10	6.76	3.98
	20			4.30	3.25	5.14	3.69	5.56	3.78	5.88	3.83	6.51	4.10	6.73	3.97
	22			4.29	3.25	5.14	3.69	5.56	3.78	5.85	3.81	6.43	4.06	6.64	3.94
11 (m³/min)	24			4.29	3.25	5.14	3.69	5.56	3.78	5.82	3.80	6.34	4.02	6.55	3.90
	26			4.29	3.25	5.11	3.67	5.51	3.76	5.75	3.77	6.24	3.98	6.45	3.86
	28	3.88	3.19	4.28	3.24	5.09	3.66	5.46	3.74	5.69	3.75	6.14	3.94	6.35	3.83
	30	3.88	3.19	4.27	3.24	5.05	3.64	5.40	3.71	5.62	3.71	6.05	3.91	6.25	3.79
	32	3.88	3.19	4.26	3.24	5.01	3.62	5.35	3.69	5.55	3.68	5.96	3.87	6.16	3.76
	34	3.88	3.19	4.25	3.23	4.99	3.62	5.28	3.66	5.46	3.65	5.83	3.82	6.03	3.71
	35	3.88	3.19	4.24	3.23	4.98	3.61	5.25	3.65	5.42	3.63	5.77	3.79	5.97	3.69
	36	3.88	3.19	4.23	3.22	4.95	3.60	5.22	3.63	5.37	3.61	5.66	3.75	5.85	3.65
	38	3.88	3.19	4.22	3.21	4.87	3.56	5.17	3.61	5.26	3.56	5.46	3.68	5.62	3.55
	39	3.88	3.19	4.22	3.21	4.83	3.55	5.14	3.60	5.21	3.54	5.35	3.62	5.50	3.51
	41	3.88	3.19	4.20	3.20	4.69	3.48	4.93	3.51	4.99	3.45	5.12	3.54	5.25	3.43
	43	3.88	3.19	4.19	3.20	4.54	3.42	4.72	3.42	4.77	3.36	4.88	3.45	4.99	3.34

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Hi	-19.8	-20	3.43	3.43	3.43	3.43	3.43
	-17.8	-18	3.65	3.65	3.65	3.65	3.65
	-15.7	-16	3.87	3.87	3.87	3.87	3.87
	-13.7	-14	4.09	4.09	4.09	4.09	4.09
	-11.7	-12	4.31	4.31	4.31	4.31	4.31
	-9.6	-10	4.53	4.53	4.53	4.53	4.53
	-7.5	-8	4.80	4.80	4.80	4.80	4.80
12 (m³/min)	-5.5	-6	5.08	5.08	5.08	5.08	5.08
	-3.4	-4	5.26	5.25	5.24	5.19	5.14
	-1.3	-2	5.44	5.42	5.41	5.30	5.20
	0.8	0	5.73	5.65	5.57	5.37	5.17
	3.9	3	6.22	6.00	5.77	5.45	5.12
	7.0	6	6.79	6.35	5.91	5.49	5.08
	10.1	9	6.75	6.32	5.89	5.46	5.04
	13.2	12	6.71	6.28	5.85	5.42	4.99
	16.9	15.5	6.65	6.23	5.80	5.37	4.94

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Me	10			3.67	2.73	4.39	3.10	4.75	3.19	5.05	3.24	5.66	3.49	5.88	3.40
	12			3.67	2.73	4.39	3.10	4.75	3.19	5.05	3.24	5.64	3.49	5.85	3.39
	14			3.67	2.73	4.39	3.10	4.75	3.19	5.04	3.23	5.62	3.48	5.83	3.37
	16			3.67	2.73	4.39	3.10	4.75	3.19	5.03	3.23	5.60	3.47	5.80	3.36
	18			3.67	2.73	4.39	3.10	4.75	3.19	5.03	3.23	5.58	3.46	5.78	3.35
	20			3.67	2.73	4.39	3.10	4.75	3.19	5.02	3.22	5.56	3.45	5.75	3.34
	22			3.67	2.73	4.39	3.10	4.75	3.19	5.00	3.22	5.49	3.42	5.67	3.31
9 (m³/min)	24			3.66	2.73	4.39	3.10	4.75	3.19	4.97	3.20	5.42	3.39	5.60	3.29
	26			3.66	2.73	4.37	3.09	4.71	3.17	4.92	3.18	5.33	3.36	5.51	3.25
	28	3.32	2.69	3.66	2.73	4.35	3.08	4.66	3.15	4.86	3.16	5.25	3.32	5.42	3.22
	30	3.32	2.69	3.65	2.72	4.31	3.07	4.62	3.13	4.80	3.13	5.17	3.29	5.34	3.19
	32	3.32	2.69	3.64	2.72	4.28	3.05	4.57	3.11	4.74	3.10	5.09	3.26	5.26	3.16
	34	3.32	2.69	3.63	2.71	4.27	3.05	4.51	3.08	4.67	3.07	4.98	3.21	5.15	3.12
	35	3.32	2.69	3.62	2.71	4.26	3.04	4.48	3.07	4.63	3.05	4.93	3.19	5.10	3.10
	36	3.32	2.69	3.62	2.71	4.23	3.03	4.46	3.06	4.59	3.04	4.84	3.16	5.00	3.07
	38	3.32	2.69	3.61	2.70	4.16	3.00	4.41	3.04	4.50	3.00	4.66	3.08	4.80	2.99
	39	3.32	2.69	3.60	2.70	4.13	2.98	4.39	3.03	4.45	2.98	4.57	3.05	4.70	2.96
	41	3.32	2.69	3.59	2.70	4.01	2.93	4.21	2.95	4.27	2.90	4.37	2.97	4.48	2.88
	43	3.32	2.69	3.58	2.69	3.88	2.87	4.03	2.87	4.08	2.83	4.17	2.90	4.26	2.80

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Me	-19.8	-20	3.43	3.43	3.43	3.43	3.43
	-17.8	-18	3.65	3.65	3.65	3.65	3.65
	-15.7	-16	3.87	3.87	3.87	3.87	3.87
	-13.7	-14	4.09	4.09	4.09	4.09	4.09
	-11.7	-12	4.31	4.31	4.31	4.31	4.31
	-9.6	-10	4.53	4.53	4.53	4.53	4.53
	-7.5	-8	4.80	4.80	4.80	4.80	4.80
10 (m³/min)	-5.5	-6	5.08	5.08	5.08	5.08	5.08
	-3.4	-4	5.26	5.25	5.24	5.19	5.14
	-1.3	-2	5.44	5.42	5.41	5.30	5.20
	0.8	0	5.73	5.65	5.57	5.37	5.17
	3.9	3	6.22	6.00	5.77	5.45	5.12
	7.0	6	6.79	6.35	5.91	5.49	5.08
	10.1	9	6.75	6.32	5.89	5.46	5.04
	13.2	12	6.71	6.28	5.85	5.42	4.99
	16.9	15.5	6.65	6.23	5.80	5.37	4.94

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Lo	10			3.34	2.47	3.99	2.80	4.32	2.88	4.59	2.93	5.14	3.15	5.34	3.06
	12			3.34	2.47	3.99	2.80	4.32	2.88	4.59	2.93	5.13	3.15	5.32	3.06
	14			3.34	2.47	3.99	2.80	4.32	2.88	4.58	2.92	5.11	3.14	5.29	3.04
	16			3.34	2.47	3.99	2.80	4.32	2.88	4.57	2.92	5.09	3.13	5.27	3.04
	18			3.34	2.47	3.99	2.80	4.32	2.88	4.57	2.92	5.07	3.12	5.25	3.03
	20			3.34	2.47	3.99	2.80	4.32	2.88	4.56	2.91	5.05	3.12	5.23	3.02
	22			3.33	2.47	3.99	2.80	4.32	2.88	4.54	2.90	4.99	3.09	5.15	2.99
8 (m³/min)	24			3.33	2.47	3.99	2.80	4.32	2.88	4.52	2.89	4.92	3.06	5.08	2.96
	26			3.33	2.47	3.97	2.79	4.28	2.86	4.47	2.87	4.85	3.03	5.01	2.94
	28	3.01	2.42	3.32	2.46	3.95	2.78	4.23	2.84	4.41	2.84	4.77	3.00	4.93	2.90
	30	3.01	2.42	3.31	2.46	3.92	2.77	4.19	2.82	4.36	2.82	4.70	2.97	4.85	2.87
	32	3.01	2.42	3.31	2.46	3.89	2.75	4.15	2.80	4.31	2.80	4.62	2.93	4.78	2.85
	34	3.01	2.42	3.30	2.45	3.88	2.75	4.10	2.78	4.24	2.77	4.52	2.89	4.68	2.81
	35	3.01	2.42	3.29	2.45	3.87	2.75	4.07	2.77	4.21	2.76	4.48	2.88	4.63	2.79
	36	3.01	2.42	3.29	2.45	3.84	2.73	4.05	2.76	4.17	2.74	4.40	2.84	4.54	2.76
	38	3.01	2.42	3.28	2.44	3.78	2.71	4.01	2.74	4.09	2.71	4.23	2.78	4.36	2.69
	39	3.01	2.42	3.27	2.43	3.75	2.69	3.99	2.73	4.05	2.69	4.15	2.75	4.27	2.66
	41	3.01	2.42	3.26	2.43	3.64	2.64	3.83	2.66	3.88	2.62	3.97	2.68	4.07	2.59
	43	3.01	2.42	3.25	2.42	3.53	2.59	3.66	2.59	3.71	2.55	3.79	2.61	3.87	2.52

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Lo	-19.8	-20	2.43	2.43	2.43	2.43	2.43
	-17.8	-18	2.58	2.58	2.58	2.58	2.58
	-15.7	-16	2.74	2.74	2.74	2.74	2.74
	-13.7	-14	2.90	2.90	2.90	2.90	2.90
	-11.7	-12	3.05	3.05	3.05	3.05	3.05
	-9.6	-10	3.21	3.21	3.21	3.21	3.21
	-7.5	-8	3.40	3.40	3.40	3.40	3.40
8 (m³/min)	-5.5	-6	3.60	3.60	3.60	3.60	3.60
	-3.4	-4	3.72	3.72	3.71	3.68	3.64
	-1.3	-2	3.85	3.84	3.83	3.76	3.68
	0.8	0	4.06	4.00	3.94	3.80	3.66
	3.9	3	4.40	4.25	4.09	3.86	3.63
	7.0	6	4.81	4.50	4.18	3.89	3.60
	10.1	9	4.78	4.47	4.17	3.87	3.57
	13.2	12	4.75	4.45	4.14	3.84	3.54
	16.9	15.5	4.71	4.41	4.11	3.80	3.50

Notes(1) This data show average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)

(2) Symbols are as follows

TC :Total cooling capacity(kW)

SHC :Sensible heat capacity(kW)

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Model **FDK71KXZE1** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			5.82	4.81	6.96	5.43	7.53	5.55	8.01	5.62	8.97	6.07	9.31	5.92
	12			5.82	4.81	6.96	5.43	7.53	5.55	8.00	5.62	8.94	6.06	9.27	5.90
	14			5.82	4.81	6.96	5.43	7.53	5.55	7.99	5.62	8.90	6.04	9.23	5.89
	16			5.82	4.81	6.96	5.43	7.53	5.55	7.97	5.61	8.87	6.04	9.19	5.88
	18			5.82	4.81	6.96	5.43	7.53	5.55	7.96	5.61	8.84	6.03	9.15	5.87
P-Hi	20			5.82	4.81	6.96	5.43	7.53	5.55	7.95	5.60	8.81	6.02	9.11	5.85
	22			5.81	4.80	6.95	5.42	7.53	5.55	7.92	5.58	8.70	5.97	8.99	5.81
21	24			5.80	4.80	6.95	5.42	7.53	5.55	7.88	5.57	8.58	5.92	8.86	5.73
(m³/min)	26			5.80	4.80	6.92	5.41	7.46	5.52	7.79	5.54	8.45	5.88	8.73	5.70
	28	5.25	4.73	5.79	4.79	6.89	5.40	7.38	5.49	7.69	5.49	8.31	5.80	8.59	5.65
	30	5.25	4.73	5.78	4.78	6.83	5.38	7.31	5.46	7.60	5.46	8.19	5.76	8.46	5.62
	32	5.25	4.73	5.77	4.78	6.78	5.35	7.24	5.43	7.51	5.42	8.06	5.72	8.33	5.58
	34	5.25	4.73	5.75	4.77	6.76	5.34	7.15	5.39	7.39	5.38	7.89	5.67	8.16	5.52
	35	5.25	4.73	5.74	4.76	6.75	5.34	7.10	5.37	7.33	5.34	7.80	5.64	8.08	5.50
	36	5.25	4.73	5.73	4.76	6.69	5.32	7.06	5.36	7.26	5.32	7.66	5.58	7.92	5.44
	38	5.25	4.73	5.72	4.76	6.59	5.28	6.99	5.33	7.12	5.26	7.38	5.48	7.61	5.34
	39	5.25	4.73	5.71	4.75	6.54	5.25	6.96	5.32	7.05	5.24	7.24	5.43	7.45	5.28
	41	5.25	4.73	5.69	4.74	6.35	5.18	6.67	5.20	6.76	5.13	6.92	5.32	7.10	5.17
	43	5.25	4.73	5.67	4.74	6.15	5.07	6.39	5.06	6.46	4.99	6.60	5.21	6.75	5.06

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	4.64	4.64	4.64	4.64	4.64
	-17.8	-18	4.94	4.94	4.94	4.94	4.94
	-15.7	-16	5.24	5.24	5.24	5.24	5.24
	-13.7	-14	5.54	5.54	5.54	5.54	5.54
	-11.7	-12	5.83	5.83	5.83	5.83	5.83
P-Hi	-9.6	-10	6.13	6.13	6.13	6.13	6.13
	-7.5	-8	6.51	6.51	6.51	6.51	6.51
21	-5.5	-6	6.88	6.88	6.88	6.88	6.88
(m³/min)	-3.4	-4	7.12	7.11	7.10	7.03	6.96
	-1.3	-2	7.36	7.34	7.32	7.18	7.04
	0.8	0	7.76	7.65	7.54	7.27	7.00
	3.9	3	8.42	8.12	7.82	7.38	6.94
	7.0	6	9.20	8.60	8.00	7.44	6.88
	10.1	9	9.14	8.56	7.97	7.40	6.82
	13.2	12	9.08	8.50	7.92	7.34	6.76
	16.9	15.5	9.01	8.43	7.85	7.27	6.69

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			5.39	4.40	6.44	4.98	6.97	5.09	7.42	5.17	8.31	5.58	8.63	5.44
	12			5.39	4.40	6.44	4.98	6.97	5.09	7.41	5.17	8.28	5.57	8.59	5.43
	14			5.39	4.40	6.44	4.98	6.97	5.09	7.40	5.16	8.25	5.56	8.55	5.42
	16			5.39	4.40	6.44	4.98	6.97	5.09	7.39	5.16	8.22	5.55	8.51	5.40
	18			5.39	4.40	6.44	4.98	6.97	5.09	7.38	5.16	8.19	5.53	8.48	5.38
Hi	20			5.39	4.40	6.44	4.98	6.97	5.09	7.37	5.15	8.16	5.52	8.44	5.37
	22			5.38	4.40	6.44	4.98	6.97	5.09	7.33	5.13	8.05	5.49	8.33	5.34
19	24			5.38	4.40	6.44	4.98	6.97	5.09	7.30	5.10	7.95	5.44	8.21	5.29
(m³/min)	26			5.37	4.39	6.41	4.97	6.91	5.07	7.21	5.07	7.83	5.40	8.08	5.25
	28	4.87	4.35	5.37	4.39	6.38	4.96	6.84	5.04	7.13	5.04	7.70	5.35	7.96	5.21
	30	4.87	4.35	5.35	4.39	6.33	4.94	6.77	5.01	7.04	5.01	7.58	5.31	7.84	5.17
	32	4.87	4.35	5.34	4.38	6.28	4.91	6.71	4.99	6.96	4.98	7.47	5.26	7.72	5.12
	34	4.87	4.35	5.32	4.37	6.26	4.91	6.62	4.95	6.85	4.94	7.31	5.20	7.56	5.07
	35	4.87	4.35	5.31	4.37	6.25	4.90	6.58	4.94	6.79	4.91	7.23	5.17	7.48	5.04
	36	4.87	4.35	5.31	4.37	6.20	4.88	6.54	4.92	6.73	4.89	7.10	5.12	7.34	4.97
	38	4.87	4.35	5.29	4.36	6.11	4.85	6.48	4.90	6.60	4.84	6.84	5.01	7.04	4.88
	39	4.87	4.35	5.29	4.36	6.06	4.82	6.45	4.89	6.53	4.81	6.71	4.97	6.90	4.84
	41	4.87	4.35	5.27	4.35	5.88	4.75	6.18	4.77	6.26	4.71	6.41	4.87	6.58	4.75
	43	4.87	4.35	5.25	4.35	5.70	4.68	5.92	4.67	5.98	4.60	6.11	4.77	6.25	4.63

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	4.28	4.28	4.28	4.28	4.28
	-17.8	-18	4.55	4.55	4.55	4.55	4.55
	-15.7	-16	4.83	4.83	4.83	4.83	4.83
	-13.7	-14	5.10	5.10	5.10	5.10	5.10
	-11.7	-12	5.38	5.38	5.38	5.38	5.38
Hi	-9.6	-10	5.66	5.66	5.66	5.66	5.66
	-7.5	-8	6.00	6.00	6.00	6.00	6.00
19	-5.5	-6	6.34	6.34	6.34	6.34	6.34
(m³/min)	-3.4	-4	6.56	6.56	6.55	6.48	6.42
	-1.3	-2	6.79	6.77	6.75	6.62	6.49
	0.8	0	7.15	7.05	6.95	6.70	6.45
	3.9	3	7.76	7.49	7.21	6.80	6.40
	7.0	6	8.48	7.93	7.38	6.86	6.34
	10.1	9	8.43	7.89	7.35	6.82	6.29
	13.2	12	8.37	7.84	7.30	6.77	6.23
	16.9	15.5	8.31	7.77	7.24	6.70	6.17

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			4.70	3.80	5.62	4.30	6.08	4.40	6.47	4.46	7.24	4.81	7.52	4.69
	12			4.70	3.80	5.62	4.30	6.08	4.40	6.46	4.46	7.22	4.80	7.49	4.67
	14			4.70	3.80	5.62	4.30	6.08	4.40	6.45	4.45	7.19	4.79	7.46	4.66
	16			4.70	3.80	5.62	4.30	6.08	4.40	6.44	4.44	7.17	4.78	7.42	4.65
	18			4.70	3.80	5.62	4.30	6.08	4.40	6.43	4.44	7.14	4.77	7.39	4.64
Me	20			4.70	3.80	5.62	4.30	6.08	4.40	6.42	4.43	7.11	4.76	7.36	4.63
	22			4.69	3.80	5.62	4.30	6.08	4.40	6.39	4.42	7.02	4.73	7.26	4.60
16	24			4.69	3.80	5.61	4.30	6.08	4.40	6.36	4.41	6.93	4.69	7.16	4.56
(m³/min)	26			4.68	3.79	5.59	4.29	6.02	4.38	6.29	4.38	6.82	4.65	7.05	4.50
	28	4.24	3.74	4.68	3.79	5.56	4.27	5.96	4.35	6.21	4.35	6.71	4.61	6.94	4.46
	30	4.24	3.74	4.67	3.79	5.52	4.25	5.91	4.33	6.14	4.32	6.61	4.55	6.83	4.43
	32	4.24	3.74	4.66	3.78	5.48	4.24	5.85	4.30	6.07	4.29	6.51	4.52	6.73	4.40
	34	4.24	3.74	4.64	3.78	5.46	4.23	5.77	4.27	5.97	4.25	6.37	4.47	6.59	4.36
	35	4.24	3.74	4.63	3.76	5.45	4.23	5.73	4.25	5.92	4.23	6.30	4.45	6.52	4.33
	36	4.24	3.74	4.63	3.76	5.41	4.21	5.71	4.25	5.87	4.22	6.19	4.41	6.40	4.30
	38	4.24	3.74	4.62	3.76	5.32	4.17	5.65	4.22	5.75	4.17	5.96	4.32	6.14	4.21
	39	4.24	3.74	4.61	3.76	5.28	4.15	5.62	4.20	5.70	4.15	5.85	4.29	6.02	4.17
	41	4.24	3.74	4.59	3.75	5.13	4.07	5.39	4.11	5.46	4.03	5.59	4.19	5.73	4.08
	43	4.24	3.74	4.58	3.74	4.97	4.01	5.16	4.01	5.22	3.95	5.33	4.10	5.45	3.98

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	3.70	3.70	3.70	3.70	3.70
	-17.8	-18	3.94	3.94	3.94	3.94	3.94
	-15.7	-16	4.18	4.18	4.18	4.18	4.18
	-13.7	-14	4.42	4.42	4.42	4.42	4.42
	-11.7	-12	4.66	4.66	4.66	4.66	4.66
Me	-9.6	-10	4.90	4.90	4.90	4.90	4.90
	-7.5	-8	5.20	5.20	5.20	5.20	5.20
16	-5.5	-6	5.49	5.49	5.49	5.49	5.49
(m³/min)	-3.4	-4	5.69	5.68	5.67	5.61	5.56
	-1.3	-2	5.88	5.86	5.84	5.73	5.62
	0.8	0	6.20	6.11	6.02	5.81	5.59
	3.9	3	6.72	6.48	6.24	5.89	5.54
	7.0	6	7.35	6.87	6.39	5.94	5.49
	10.1	9	7.30	6.83	6.36	5.90	5.45
	13.2	12	7.25	6.79	6.32	5.86	5.40
	16.9	15.5	7.19	6.73	6.27	5.81	5.34

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			4.21	3.38	5.03	3.82	5.44	3.90	5.79	3.96	6.49	4.27	6.73	4.16
	12			4.21	3.38	5.03	3.82	5.44	3.90	5.78	3.96	6.46	4.26	6.70	4.16
	14			4.21	3.38	5.03	3.82	5.44	3.90	5.77	3.94	6.44	4.25	6.68	4.14
	16			4.21	3.38	5.03	3.82	5.44	3.90	5.77	3.94	6.42	4.25	6.65	4.13
	18			4.21	3.38	5.03	3.82	5.44	3.90	5.76	3.93	6.39	4.24	6.62	4.12
Lo	20			4.21	3.38	5.03	3.82	5.44	3.90	5.75	3.93	6.37	4.23	6.59	4.12
	22			4.20	3.37	5.03	3.82	5.44	3.90	5.72	3.92	6.29	4.20	6.50	4.08
14	24			4.20	3.37	5.03	3.82	5.44	3.90	5.70	3.91	6.21	4.17	6.41	4.05
(m³/min)	26			4.19	3.37	5.00	3.80	5.39	3.88	5.63	3.89	6.11	4.13	6.31	4.02
	28	3.80	3.32	4.19	3.37	4.98	3.79	5.34	3.86	5.56	3.86	6.01	4.09	6.21	3.98
	30	3.80	3.32	4.18	3.36	4.94	3.78	5.29	3.85	5.50	3.84	5.92	4.05	6.12	3.94
	32	3.80	3.32	4.17	3.36	4.90	3.76	5.24	3.82	5.43	3.82	5.83	4.02	6.03	3.92
	34	3.80	3.32	4.16	3.36	4.89	3.76	5.17	3.79	5.35	3.78	5.70	3.97	5.90	3.87
	35	3.80	3.32	4.15	3.35	4.88	3.75	5.13	3.77	5.30	3.76	5.64	3.95	5.84	3.85
	36	3.80	3.32	4.14	3.35	4.84	3.73	5.11	3.77	5.25	3.74	5.54	3.92	5.73	3.81
	38	3.80	3.32	4.13	3.34	4.77	3.71	5.06	3.75	5.15	3.70	5.34	3.82	5.50	3.72
	39	3.80	3.32	4.13	3.34	4.73	3.69	5.03	3.74	5.10	3.68	5.24	3.79	5.39	3.69
	41	3.80	3.32	4.11	3.33	4.59	3.63	4.83	3.65	4.89	3.60	5.01	3.72	5.13	3.61
	43	3.80	3.32	4.10	3.32	4.45	3.57	4.62	3.56	4.67	3.51	4.77	3.63	4.88	3.53

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	3.30	3.30	3.30	3.30	3.30
	-17.8	-18	3.51	3.51	3.51	3.51	3.51
	-15.7	-16	3.73	3.73	3.73	3.73	3.73
	-13.7	-14	3.94	3.94	3.94	3.94	3.94
	-11.7	-12	4.15	4.15	4.15	4.15	4.15
Lo	-9.6	-10	4.36	4.36	4.36	4.36	4.36
	-7.5	-8	4.63	4.63	4.63	4.63	4.63
14	-5.5	-6	4.90	4.90	4.90	4.90	4.90
(m³/min)	-3.4	-4	5.07	5.06	5.05	5.00	4.95
	-1.3	-2	5.24	5.22	5.21	5.11	5.01
	0.8	0	5.52	5.44	5.37	5.17	4.98
	3.9	3	5.99	5.78	5.56	5.25	4.94
	7.0	6	6.55	6.12	5.69	5.29	4.90
	10.1	9	6.50	6.09	5.67	5.26	4.85
	13.2	12	6.46	6.05	5.64	5.22	4.81
	16.9	15.5	6.41	6.00	5.59	5.17	4.76

Notes(1) This data show average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)

(2) Symbols are as follows

TC :Total cooling capacity(kW)

SHC :Sensible heat capacity(kW)

PHA001Z125 B

Model **FDK90KXZE1** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
P-Hi	10			7.38	5.84	8.82	6.60	9.54	6.77	10.15	6.87	11.37	7.41	11.80	7.21
	12			7.38	5.84	8.82	6.60	9.54	6.77	10.14	6.86	11.33	7.39	11.75	7.19
	14			7.38	5.84	8.82	6.60	9.54	6.77	10.12	6.86	11.29	7.38	11.70	7.18
	16			7.38	5.84	8.82	6.60	9.54	6.77	10.11	6.85	11.25	7.35	11.65	7.16
	18			7.38	5.84	8.82	6.60	9.54	6.77	10.09	6.84	11.20	7.34	11.60	7.13
	20			7.38	5.84	8.82	6.60	9.54	6.77	10.08	6.83	11.16	7.32	11.55	7.12
	22			7.37	5.84	8.82	6.60	9.54	6.77	10.03	6.81	11.02	7.27	11.39	7.07
23 (m³/min)	24			7.36	5.83	8.81	6.59	9.54	6.77	9.99	6.80	10.88	7.21	11.24	7.01
	26			7.35	5.83	8.77	6.58	9.45	6.73	9.87	6.75	10.71	7.14	11.06	6.91
	28	6.66	5.75	7.34	5.82	8.73	6.56	9.36	6.70	9.75	6.70	10.54	7.09	10.89	6.86
	30	6.66	5.75	7.33	5.82	8.66	6.53	9.27	6.65	9.64	6.65	10.38	7.00	10.73	6.81
	32	6.66	5.75	7.31	5.81	8.60	6.51	9.18	6.59	9.53	6.60	10.22	6.94	10.56	6.76
	34	6.66	5.75	7.28	5.80	8.57	6.50	9.06	6.55	9.37	6.52	10.00	6.87	10.35	6.69
	35	6.66	5.75	7.27	5.79	8.55	6.49	9.00	6.52	9.30	6.49	9.89	6.83	10.24	6.66
	36	6.66	5.75	7.26	5.79	8.49	6.46	8.96	6.51	9.21	6.46	9.72	6.77	10.04	6.59
	38	6.66	5.75	7.25	5.79	8.36	6.41	8.87	6.47	9.03	6.40	9.36	6.64	9.64	6.45
	39	6.66	5.75	7.24	5.78	8.29	6.37	8.82	6.46	8.94	6.36	9.18	6.57	9.44	6.38
	41	6.66	5.75	7.21	5.77	8.04	6.28	8.46	6.31	8.56	6.21	8.77	6.42	9.00	6.23
	43	6.66	5.75	7.19	5.76	7.80	6.17	8.10	6.16	8.19	6.07	8.37	6.28	8.56	6.09

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
P-Hi	-19.8	-20	5.80	5.80	5.80	5.80	5.80
	-17.8	-18	6.17	6.17	6.17	6.17	6.17
	-15.7	-16	6.55	6.55	6.55	6.55	6.55
	-13.7	-14	6.92	6.92	6.92	6.92	6.92
	-11.7	-12	7.29	7.29	7.29	7.29	7.29
	-9.6	-10	7.67	7.67	7.67	7.67	7.67
	-7.5	-8	8.13	8.13	8.13	8.13	8.13
23 (m³/min)	-5.5	-6	8.60	8.60	8.60	8.60	8.60
	-3.4	-4	8.90	8.89	8.88	8.79	8.70
	-1.3	-2	9.20	9.18	9.15	8.98	8.80
	0.8	0	9.70	9.56	9.43	9.09	8.75
	3.9	3	10.53	10.15	9.78	9.23	8.68
	7.0	6	11.50	10.75	10.00	9.30	8.60
	10.1	9	11.43	10.69	9.96	9.24	8.53
	13.2	12	11.35	10.63	9.90	9.18	8.45
	16.9	15.5	11.26	10.54	9.81	9.09	8.36

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Hi	10			6.90	5.42	8.25	6.13	8.92	6.28	9.49	6.37	10.63	6.87	11.04	6.69
	12			6.90	5.42	8.25	6.13	8.92	6.28	9.48	6.36	10.59	6.86	10.99	6.67
	14			6.90	5.42	8.25	6.13	8.92	6.28	9.46	6.36	10.55	6.85	10.94	6.66
	16			6.90	5.42	8.25	6.13	8.92	6.28	9.45	6.35	10.51	6.83	10.89	6.64
	18			6.90	5.42	8.25	6.13	8.92	6.28	9.44	6.35	10.48	6.81	10.85	6.63
	20			6.90	5.42	8.25	6.13	8.92	6.28	9.43	6.35	10.44	6.80	10.80	6.60
	22			6.89	5.41	8.24	6.13	8.92	6.28	9.38	6.33	10.31	6.75	10.65	6.55
21 (m³/min)	24			6.88	5.41	8.24	6.13	8.92	6.28	9.34	6.31	10.17	6.69	10.50	6.50
	26			6.87	5.40	8.20	6.11	8.83	6.24	9.23	6.26	10.01	6.63	10.34	6.43
	28	6.23	5.32	6.87	5.40	8.16	6.10	8.75	6.21	9.12	6.22	9.85	6.57	10.18	6.38
	30	6.23	5.32	6.85	5.39	8.10	6.06	8.67	6.18	9.01	6.17	9.70	6.51	10.03	6.33
	32	6.23	5.32	6.83	5.39	8.04	6.04	8.58	6.13	8.91	6.13	9.55	6.44	9.88	6.28
	34	6.23	5.32	6.81	5.38	8.01	6.03	8.47	6.09	8.76	6.06	9.35	6.38	9.67	6.20
	35	6.23	5.32	6.80	5.37	7.99	6.02	8.41	6.07	8.69	6.04	9.25	6.33	9.57	6.17
	36	6.23	5.32	6.79	5.35	7.93	6.00	8.37	6.05	8.61	6.01	9.08	6.28	9.38	6.10
	38	6.23	5.32	6.77	5.34	7.81	5.94	8.29	6.01	8.44	5.94	8.75	6.15	9.01	5.95
	39	6.23	5.32	6.77	5.34	7.75	5.92	8.25	5.99	8.36	5.91	8.58	6.06	8.83	5.90
	41	6.23	5.32	6.74	5.33	7.52	5.81	7.91	5.85	8.01	5.77	8.20	5.94	8.41	5.77
	43	6.23	5.32	6.72	5.32	7.29	5.70	7.57	5.69	7.66	5.61	7.82	5.81	8.00	5.64

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Hi	-19.8	-20	5.40	5.40	5.40	5.40	5.40
	-17.8	-18	5.75	5.75	5.75	5.75	5.75
	-15.7	-16	6.09	6.09	6.09	6.09	6.09
	-13.7	-14	6.44	6.44	6.44	6.44	6.44
	-11.7	-12	6.79	6.79	6.79	6.79	6.79
	-9.6	-10	7.13	7.13	7.13	7.13	7.13
	-7.5	-8	7.57	7.57	7.57	7.57	7.57
21 (m³/min)	-5.5	-6	8.00	8.00	8.00	8.00	8.00
	-3.4	-4	8.28	8.27	8.26	8.18	8.10
	-1.3	-2	8.56	8.54	8.52	8.35	8.19
	0.8	0	9.03	8.90	8.77	8.46	8.14
	3.9	3	9.79	9.45	9.10	8.58	8.07
	7.0	6	10.70	10.00	9.31	8.65	8.00
	10.1	9	10.63	9.95	9.27	8.60	7.93
	13.2	12	10.56	9.89	9.21	8.54	7.86
	16.9	15.5	10.48	9.81	9.13	8.46	7.78

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Me	10			6.39	4.98	7.64	5.64	8.26	5.78	8.79	5.85	9.85	6.33	10.23	6.15
	12			6.39	4.98	7.64	5.64	8.26	5.78	8.78	5.84	9.81	6.31	10.18	6.14
	14			6.39	4.98	7.64	5.64	8.26	5.78	8.77	5.84	9.78	6.29	10.14	6.13
	16			6.39	4.98	7.64	5.64	8.26	5.78	8.76	5.84	9.74	6.28	10.09	6.08
	18			6.39	4.98	7.64	5.64	8.26	5.78	8.74	5.83	9.71	6.27	10.05	6.07
	20			6.39	4.98	7.64	5.64	8.26	5.78	8.73	5.82	9.67	6.25	10.01	6.05
	22			6.38	4.97	7.64	5.64	8.26	5.78	8.69	5.81	9.55	6.18	9.87	6.01
19 (m³/min)	24			6.37	4.97	7.63	5.63	8.26	5.78	8.65	5.79	9.43	6.14	9.73	5.96
	26			6.37	4.97	7.60	5.62	8.19	5.75	8.55	5.75	9.28	6.09	9.58	5.92
	28	5.77	4.90	6.36	4.97	7.56	5.60	8.11	5.71	8.45	5.72	9.13	6.03	9.43	5.86
	30	5.77	4.90	6.35	4.96	7.50	5.57	8.03	5.68	8.35	5.68	8.99	5.99	9.29	5.82
	32	5.77	4.90	6.33	4.95	7.45	5.55	7.95	5.64	8.25	5.63	8.85	5.93	9.15	5.76
	34	5.77	4.90	6.31	4.94	7.42	5.54	7.85	5.60	8.12	5.58	8.66	5.85	8.96	5.69
	35	5.77	4.90	6.30	4.94	7.41	5.53	7.80	5.57	8.05	5.55	8.57	5.82	8.87	5.66
	36	5.77	4.90	6.29	4.94	7.35	5.51	7.76	5.56	7.98	5.52	8.42	5.76	8.70	5.60
	38	5.77	4.90	6.28	4.93	7.24	5.46	7.68	5.52	7.82	5.45	8.11	5.64	8.35	5.48
	39	5.77	4.90	6.27	4.93	7.18	5.43	7.64	5.51	7.75	5.43	7.95	5.58	8.18	5.43
	41	5.77	4.90	6.25	4.91	6.97	5.34	7.33	5.38	7.42	5.30	7.60	5.45	7.80	5.29
	43	5.77	4.90	6.22	4.90	6.75	5.24	7.02	5.25	7.09	5.17	7.25	5.33	7.41	5.14

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Me	-19.8	-20	4.98	4.98	4.98	4.98	4.98
	-17.8	-18	5.30	5.30	5.30	5.30	5.30
	-15.7	-16	5.62	5.62	5.62	5.62	5.62
	-13.7	-14	5.94	5.94	5.94	5.94	5.94
	-11.7	-12	6.26	6.26	6.26	6.26	6.26
	-9.6	-10	6.58	6.58	6.58	6.58	6.58
	-7.5	-8	6.98	6.98	6.98	6.98	6.98
19 (m³/min)	-5.5	-6	7.38	7.38	7.38	7.38	7.38
	-3.4	-4	7.64	7.63	7.62	7.54	7.47
	-1.3	-2	7.90	7.87	7.85	7.70	7.55
	0.8	0	8.32	8.21	8.09	7.80	7.51
	3.9	3	9.03	8.71	8.39	7.92	7.44
	7.0	6	9.87	9.23	8.58	7.98	7.38
	10.1	9	9.80	9.18	8.55	7.93	7.32
	13.2	12	9.74	9.12	8.50	7.87	7.25
	16.9	15.5	9.67	9.04	8.42	7.80	7.18

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature: 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Lo	10			5.57	4.29	6.66	4.86	7.21	4.99	7.67	5.06	8.59	5.45	8.92	5.31
	12			5.57	4.29	6.66	4.86	7.21	4.99	7.66	5.05	8.56	5.44	8.88	5.29
	14			5.57	4.29	6.66	4.86	7.21	4.99	7.65	5.05	8.53	5.43	8.84	5.28
	16			5.57	4.29	6.66	4.86	7.21	4.99	7.64	5.05	8.50	5.42	8.80	5.27
	18			5.57	4.29	6.66	4.86	7.21	4.99	7.63	5.04	8.47	5.41	8.77	5.26
	20			5.57	4.29	6.66	4.86	7.21	4.99	7.62	5.04	8.44	5.39	8.73	5.23
	22			5.57	4.29	6.66	4.86	7.21	4.99	7.58	5.02	8.33	5.35	8.61	5.20
16 (m³/min)	24			5.56	4.29	6.66	4.86	7.21	4.99	7.55	5.01	8.22	5.31	8.49	5.15
	26			5.55	4.28	6.63	4.85	7.14	4.95	7.46	4.97	8.09	5.25	8.36	5.10
	28	5.03	4.22	5.55	4.28	6.60	4.83	7.07	4.92	7.37	4.93	7.96	5.21	8.23	5.06
	30	5.03	4.22	5.54	4.28	6.55	4.81	7.00	4.90	7.28	4.89	7.84	5.16	8.11	5.01
	32	5.03	4.22	5.52	4.27	6.49	4.77	6.94	4.86	7.20	4.86	7.72	5.11	7.98	4.97
	34	5.03	4.22	5.50	4.26	6.47	4.76	6.85	4.83	7.08	4.81	7.56	5.05	7.82	4.91
	35	5.03	4.22	5.50	4.26	6.46	4.76	6.80	4.81	7.03	4.79	7.48	5.01	7.74	4.86
	36	5.03	4.22	5.49	4.25	6.41	4.74	6.77	4.80	6.96	4.76	7.34	4.96	7.59	4.81
	38	5.03	4.22	5.47	4.25	6.31	4.70	6.70	4.76	6.82	4.69	7.07	4.85	7.28	4.71
	39	5.03	4.22	5.47	4.25	6.27	4.68	6.66	4.73	6.76	4.66	6.94	4.80	7.13	4.67
	41	5.03	4.22	5.45	4.23	6.08	4.60	6.39	4.63	6.47	4.56	6.63	4.69	6.80	4.55
	43	5.03	4.22	5.43	4.22	5.89	4.52	6.12	4.51	6.19	4.44	6.32	4.58	6.47	4.44

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Lo	-19.8	-20	4.31	4.31	4.31	4.31	4.31
	-17.8	-18	4.59	4.59	4.59	4.59	4.59
	-15.7	-16	4.87	4.87	4.87	4.87	4.87
	-13.7	-14	5.14	5.14	5.14	5.14	5.14
	-11.7	-12	5.42	5.42	5.42	5.42	5.42
	-9.6	-10	5.70	5.70	5.70	5.70	5.70
	-7.5	-8	6.04	6.04	6.04	6.04	6.04
16 (m³/min)	-5.5	-6	6.39	6.39	6.39	6.39	6.39
	-3.4	-4	6.61	6.61	6.60	6.53	6.47
	-1.3	-2	6.84	6.82	6.80	6.67	6.54
	0.8	0	7.21	7.11	7.00	6.75	6.50
	3.9	3	7.82	7.54	7.26	6.86	6.45
	7.0	6	8.55	7.99	7.43	6.91	6.39
	10.1	9	8.49	7.95	7.40	6.87	6.34
	13.2	12	8.44	7.90	7.36	6.82	6.28
	16.9	15.5	8.37	7.83	7.29	6.75	6.21

Notes(1) This data show average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)

(2) Symbols are as follows

TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PHA001Z125 B

(9) Ceiling suspended type (FDE)

Model FDE36KXZE1 Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			2.95	2.46	3.53	2.77	3.82	2.84	4.06	2.88	4.55	3.10	4.72	3.04
	12			2.95	2.46	3.53	2.77	3.82	2.84	4.05	2.87	4.53	3.10	4.70	3.03
	14			2.95	2.46	3.53	2.77	3.82	2.84	4.05	2.87	4.51	3.09	4.68	3.02
	16			2.95	2.46	3.53	2.77	3.82	2.84	4.04	2.87	4.50	3.09	4.66	3.01
	18			2.95	2.46	3.53	2.77	3.82	2.84	4.04	2.87	4.48	3.08	4.64	3.01
P-Hi	20			2.95	2.46	3.53	2.77	3.82	2.84	4.03	2.87	4.47	3.08	4.62	3.00
	22			2.95	2.46	3.53	2.77	3.82	2.84	4.01	2.86	4.41	3.06	4.56	2.98
13	24			2.94	2.45	3.52	2.76	3.82	2.84	3.99	2.85	4.35	3.03	4.49	2.96
(m³/min)	26			2.94	2.45	3.51	2.76	3.78	2.82	3.95	2.83	4.28	3.01	4.43	2.93
	28	2.66	2.42	2.94	2.45	3.49	2.75	3.74	2.81	3.90	2.82	4.22	2.98	4.36	2.91
	30	2.66	2.42	2.93	2.45	3.47	2.75	3.71	2.80	3.86	2.80	4.15	2.96	4.29	2.88
	32	2.66	2.42	2.92	2.45	3.44	2.74	3.67	2.78	3.81	2.78	4.09	2.94	4.23	2.86
	34	2.66	2.42	2.91	2.44	3.43	2.73	3.62	2.75	3.75	2.76	4.00	2.90	4.14	2.82
	35	2.66	2.42	2.91	2.44	3.42	2.73	3.60	2.74	3.72	2.73	3.96	2.89	4.09	2.80
	36	2.66	2.42	2.91	2.44	3.39	2.72	3.58	2.73	3.68	2.71	3.89	2.85	4.02	2.79
	38	2.66	2.42	2.90	2.44	3.34	2.70	3.55	2.72	3.61	2.69	3.74	2.81	3.86	2.74
	39	2.66	2.42	2.89	2.43	3.32	2.69	3.53	2.72	3.58	2.68	3.67	2.78	3.78	2.71
	41	2.66	2.42	2.88	2.43	3.22	2.65	3.38	2.66	3.43	2.63	3.51	2.73	3.60	2.65
	43	2.66	2.42	2.87	2.43	3.12	2.61	3.24	2.61	3.28	2.57	3.35	2.67	3.42	2.60

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.32	2.32	2.32	2.32	2.32
	-17.8	-18	2.47	2.47	2.47	2.47	2.47
	-15.7	-16	2.62	2.62	2.62	2.62	2.62
	-13.7	-14	2.77	2.77	2.77	2.77	2.77
	-11.7	-12	2.92	2.92	2.92	2.92	2.92
P-Hi	-9.6	-10	3.07	3.07	3.07	3.07	3.07
	-7.5	-8	3.25	3.25	3.25	3.25	3.25
13	-5.5	-6	3.44	3.44	3.44	3.44	3.44
(m³/min)	-3.4	-4	3.56	3.56	3.55	3.52	3.48
	-1.3	-2	3.68	3.67	3.66	3.59	3.52
	0.8	0	3.88	3.83	3.77	3.64	3.50
	3.9	3	4.21	4.06	3.91	3.69	3.47
	7.0	6	4.60	4.30	4.00	3.72	3.44
	10.1	9	4.57	4.28	3.99	3.70	3.41
	13.2	12	4.54	4.25	3.96	3.67	3.38
	16.9	15.5	4.51	4.22	3.93	3.64	3.35

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			2.42	1.98	2.90	2.25	3.13	2.28	3.33	2.32	3.73	2.51	3.88	2.45
	12			2.42	1.98	2.90	2.25	3.13	2.28	3.33	2.32	3.72	2.51	3.86	2.44
	14			2.42	1.98	2.90	2.25	3.13	2.28	3.32	2.32	3.71	2.50	3.84	2.44
	16			2.42	1.98	2.90	2.25	3.13	2.28	3.32	2.32	3.69	2.50	3.83	2.44
	18			2.42	1.98	2.90	2.25	3.13	2.28	3.32	2.32	3.68	2.49	3.81	2.43
Hi	20			2.42	1.98	2.90	2.25	3.13	2.28	3.31	2.32	3.67	2.49	3.79	2.42
	22			2.42	1.98	2.90	2.25	3.13	2.28	3.30	2.31	3.62	2.47	3.74	2.40
10	24			2.42	1.98	2.89	2.24	3.13	2.28	3.28	2.30	3.57	2.45	3.69	2.38
(m³/min)	26			2.41	1.97	2.88	2.24	3.10	2.27	3.24	2.29	3.52	2.43	3.63	2.36
	28	2.19	1.96	2.41	1.97	2.87	2.24	3.07	2.26	3.20	2.26	3.46	2.41	3.58	2.34
	30	2.19	1.96	2.41	1.97	2.84	2.22	3.04	2.25	3.17	2.25	3.41	2.39	3.52	2.32
	32	2.19	1.96	2.40	1.97	2.82	2.21	3.01	2.24	3.13	2.24	3.36	2.37	3.47	2.29
	34	2.19	1.96	2.39	1.97	2.81	2.21	2.98	2.23	3.08	2.22	3.28	2.33	3.40	2.28
	35	2.19	1.96	2.39	1.97	2.81	2.21	2.96	2.22	3.05	2.21	3.25	2.32	3.36	2.27
	36	2.19	1.96	2.39	1.97	2.79	2.20	2.94	2.22	3.02	2.20	3.19	2.30	3.30	2.25
	38	2.19	1.96	2.38	1.96	2.74	2.18	2.91	2.20	2.97	2.18	3.07	2.26	3.17	2.21
	39	2.19	1.96	2.38	1.96	2.72	2.17	2.90	2.20	2.94	2.17	3.02	2.24	3.10	2.18
	41	2.19	1.96	2.37	1.96	2.64	2.14	2.78	2.15	2.81	2.12	2.88	2.19	2.96	2.14
	43	2.19	1.96	2.36	1.96	2.56	2.10	2.66	2.10	2.69	2.07	2.75	2.15	2.81	2.09

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	1.88	1.88	1.88	1.88	1.88
	-17.8	-18	2.00	2.00	2.00	2.00	2.00
	-15.7	-16	2.12	2.12	2.12	2.12	2.12
	-13.7	-14	2.24	2.24	2.24	2.24	2.24
	-11.7	-12	2.36	2.36	2.36	2.36	2.36
Hi	-9.6	-10	2.48	2.48	2.48	2.48	2.48
	-7.5	-8	2.64	2.64	2.64	2.64	2.64
10	-5.5	-6	2.79	2.79	2.79	2.79	2.79
(m³/min)	-3.4	-4	2.88	2.88	2.88	2.85	2.82
	-1.3	-2	2.98	2.97	2.97	2.91	2.85
	0.8	0	3.14	3.10	3.05	2.95	2.84
	3.9	3	3.41	3.29	3.17	2.99	2.81
	7.0	6	3.73	3.48	3.24	3.01	2.79
	10.1	9	3.70	3.47	3.23	3.00	2.76
	13.2	12	3.68	3.44	3.21	2.97	2.74
	16.9	15.5	3.65	3.42	3.18	2.95	2.71

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			1.81	1.46	2.17	1.65	2.35	1.69	2.50	1.71	2.80	1.85	2.90	1.80
	12			1.81	1.46	2.17	1.65	2.35	1.69	2.49	1.71	2.79	1.85	2.89	1.80
	14			1.81	1.46	2.17	1.65	2.35	1.69	2.49	1.71	2.78	1.84	2.88	1.80
	16			1.81	1.46	2.17	1.65	2.35	1.69	2.49	1.71	2.76	1.84	2.86	1.79
	18			1.81	1.46	2.17	1.65	2.35	1.69	2.48	1.70	2.75	1.83	2.85	1.78
Me	20			1.81	1.46	2.17	1.65	2.35	1.69	2.48	1.70	2.74	1.83	2.84	1.78
	22			1.81	1.46	2.17	1.65	2.35	1.69	2.47	1.70	2.71	1.82	2.80	1.77
7	24			1.81	1.46	2.17	1.65	2.35	1.69	2.46	1.70	2.68	1.80	2.76	1.75
(m³/min)	26			1.81	1.46	2.16	1.65	2.32	1.68	2.43	1.69	2.63	1.79	2.72	1.74
	28	1.64	1.44	1.81	1.46	2.15	1.64	2.30	1.67	2.40	1.67	2.59	1.77	2.68	1.73
	30	1.64	1.44	1.80	1.45	2.13	1.63	2.28	1.66	2.37	1.66	2.55	1.76	2.64	1.70
	32	1.64	1.44	1.80	1.45	2.11	1.63	2.26	1.65	2.34	1.65	2.51	1.74	2.60	1.69
	34	1.64	1.44	1.79	1.45	2.11	1.63	2.23	1.64	2.30	1.63	2.46	1.71	2.54	1.67
	35	1.64	1.44	1.79	1.45	2.10	1.62	2.21	1.63	2.29	1.63	2.43	1.71	2.52	1.67
	36	1.64	1.44	1.79	1.45	2.09	1.62	2.20	1.63	2.26	1.62	2.39	1.69	2.47	1.65
	38	1.64	1.44	1.78	1.44	2.05	1.60	2.18	1.62	2.22	1.60	2.30	1.66	2.37	1.62
	39	1.64	1.44	1.78	1.44	2.04	1.60	2.17	1.62	2.20	1.60	2.26	1.65	2.32	1.60
	41	1.64	1.44	1.77	1.44	1.98	1.56	2.08	1.58	2.11	1.56	2.16	1.61	2.21	1.56
	43	1.64	1.44	1.77	1.44	1.92	1.54	1.99	1.54	2.01	1.52	2.06	1.58	2.10	1.52

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	1.39	1.39	1.39	1.39	1.39
	-17.8	-18	1.48	1.48	1.48	1.48	1.48
	-15.7	-16	1.57	1.57	1.57	1.57	1.57
	-13.7	-14	1.66	1.66	1.66	1.66	1.66
	-11.7	-12	1.75	1.75	1.75	1.75	1.75
Me	-9.6	-10	1.84	1.84	1.84	1.84	1.84
	-7.5	-8	1.95	1.95	1.95	1.95	1.95
7	-5.5	-6	2.06	2.06	2.06	2.06	2.06
(m³/min)	-3.4	-4	2.13	2.13	2.13	2.10	2.08
	-1.3	-2	2.20	2.20	2.19	2.15	2.11
	0.8	0	2.32	2.29	2.26	2.18	2.10
	3.9	3	2.52	2.43	2.34	2.21	2.08
	7.0	6	2.75	2.58	2.40	2.23	2.06
	10.1	9	2.74	2.56	2.39	2.21	2.04
	13.2	12	2.72	2.55	2.37	2.20	2.02
	16.9	15.5	2.70	2.52	2.35	2.18	2.00

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
	10			1.47	1.17	1.76	1.33	1.91	1.36	2.03	1.38	2.27	1.49	2.36	1.45
	12			1.47	1.17	1.76	1.33	1.91	1.36	2.03	1.38	2.26	1.49	2.35	1.45
	14			1.47	1.17	1.76	1.33	1.91	1.36	2.02	1.38	2.26	1.49	2.34	1.45
	16			1.47	1.17	1.76	1.33	1.91	1.36	2.02	1.38	2.25	1.48	2.33	1.44
	18			1.47	1.17	1.76	1.33	1.91	1.36	2.02	1.38	2.24	1.48	2.32	1.44
Lo	20			1.47	1.17	1.76	1.33	1.91	1.36	2.01	1.37	2.23	1.48	2.31	1.43
	22			1.47	1.17	1.76	1.33	1.91	1.36	2.00	1.37	2.20	1.46	2.28	1.42
5.5	24			1.47	1.17	1.76	1.33	1.91	1.36	2.00	1.37	2.17	1.45	2.25	1.41
(m³/min)	26			1.47	1.17	1.75	1.32	1.89	1.35	1.97	1.36	2.14	1.44	2.21	1.40
	28	1.33	1.15	1.47	1.17	1.74	1.32	1.87	1.35	1.95	1.35	2.11	1.43	2.18	1.39
	30	1.33	1.15	1.46	1.17	1.73	1.32	1.85	1.34	1.93	1.34	2.07	1.41	2.14	1.37
	32	1.33	1.15	1.46	1.17	1.72	1.31	1.83	1.33	1.90	1.33	2.04	1.39	2.11	1.36
	34	1.33	1.15	1.46	1.17	1.71	1.31	1.81	1.32	1.87	1.32	2.00	1.38	2.07	1.35
	35	1.33	1.15	1.45	1.17	1.71	1.31	1.80	1.32	1.86	1.31	1.98	1.38	2.05	1.34
	36	1.33	1.15	1.45	1.17	1.70	1.30	1.79	1.31	1.84	1.30	1.94	1.36	2.01	1.33
	38	1.33	1.15	1.45	1.17	1.67	1.29	1.77	1.31	1.80	1.29	1.87	1.34	1.93	1.30
	39	1.33	1.15	1.45	1.17	1.66	1.28	1.76	1.30	1.79	1.28	1.83	1.32	1.89	1.29
	41	1.33	1.15	1.44	1.16	1.61	1.26	1.69	1.27	1.71	1.25	1.75	1.29	1.80	1.26
	43	1.33	1.15	1.44	1.16	1.56	1.24	1.62	1.24	1.64	1.22	1.67	1.26	1.71	1.22

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	1.12	1.12	1.12	1.12	1.12
	-17.8	-18	1.19	1.19	1.19	1.19	1.19
	-15.7	-16	1.27	1.27	1.27	1.27	1.27
	-13.7	-14	1.34	1.34	1.34	1.34	1.34
	-11.7	-12	1.41	1.41	1.41	1.41	1.41
Lo	-9.6	-10	1.48	1.48	1.48	1.48	1.48
	-7.5	-8	1.57	1.57	1.57	1.57	1.57
5.5	-5.5	-6	1.66	1.66	1.66	1.66	1.66
(m³/min)	-3.4	-4	1.72	1.72	1.72	1.70	1.68
	-1.3	-2	1.78	1.77	1.77	1.74	1.70
	0.8	0	1.88	1.85	1.82	1.76	1.69
	3.9	3	2.04	1.96	1.89	1.78	1.68
	7.0	6	2.22	2.08	1.93	1.80	1.66
	10.1	9	2.21	2.07	1.93	1.79	1.65
	13.2	12	2.19	2.05	1.91	1.77	1.63
	16.9	15.5	2.18	2.04	1.90	1.76	1.62

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PFA004Z045

Model FDE45KXZE1 Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
P-Hi	10			3.69	2.92	4.41	3.31	4.77	3.39	5.07	3.44	5.68	3.71	5.90	3.61
	12			3.69	2.92	4.41	3.31	4.77	3.39	5.07	3.44	5.66	3.70	5.88	3.60
	14			3.69	2.92	4.41	3.31	4.77	3.39	5.06	3.43	5.64	3.69	5.85	3.59
	16			3.69	2.92	4.41	3.31	4.77	3.39	5.05	3.43	5.62	3.68	5.83	3.59
	18			3.69	2.92	4.41	3.31	4.77	3.39	5.05	3.43	5.60	3.68	5.80	3.57
	20			3.69	2.92	4.41	3.31	4.77	3.39	5.04	3.43	5.58	3.67	5.78	3.57
	22			3.68	2.92	4.41	3.31	4.77	3.39	5.02	3.41	5.51	3.64	5.70	3.54
13	24			3.68	2.92	4.41	3.31	4.77	3.39	4.99	3.40	5.44	3.62	5.62	3.51
(m³/min)	26			3.68	2.92	4.39	3.30	4.73	3.36	4.93	3.38	5.35	3.57	5.53	3.46
	28	3.33	2.88	3.67	2.92	4.37	3.29	4.68	3.34	4.88	3.36	5.27	3.53	5.44	3.44
	30	3.33	2.88	3.66	2.91	4.33	3.28	4.64	3.33	4.82	3.32	5.19	3.50	5.36	3.42
	32	3.33	2.88	3.65	2.91	4.30	3.26	4.59	3.31	4.76	3.30	5.11	3.48	5.28	3.39
	34	3.33	2.88	3.64	2.90	4.28	3.25	4.53	3.29	4.69	3.28	5.00	3.44	5.17	3.35
	35	3.33	2.88	3.64	2.90	4.28	3.25	4.50	3.27	4.65	3.26	4.95	3.43	5.12	3.34
	36	3.33	2.88	3.63	2.90	4.24	3.24	4.48	3.26	4.60	3.24	4.86	3.39	5.02	3.30
	38	3.33	2.88	3.62	2.90	4.18	3.21	4.43	3.25	4.52	3.21	4.68	3.32	4.82	3.23
	39	3.33	2.88	3.62	2.90	4.15	3.20	4.41	3.23	4.47	3.19	4.59	3.29	4.72	3.20
	41	3.33	2.88	3.61	2.89	4.02	3.14	4.23	3.16	4.28	3.11	4.39	3.22	4.50	3.11
	43	3.33	2.88	3.59	2.88	3.90	3.09	4.05	3.09	4.09	3.04	4.18	3.13	4.28	3.05

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
P-Hi	-19.8	-20	2.90	2.90	2.90	2.90	2.90
	-17.8	-18	3.09	3.09	3.09	3.09	3.09
	-15.7	-16	3.27	3.27	3.27	3.27	3.27
	-13.7	-14	3.46	3.46	3.46	3.46	3.46
	-11.7	-12	3.65	3.65	3.65	3.65	3.65
	-9.6	-10	3.83	3.83	3.83	3.83	3.83
	-7.5	-8	4.07	4.07	4.07	4.07	4.07
13	-5.5	-6	4.30	4.30	4.30	4.30	4.30
(m³/min)	-3.4	-4	4.45	4.44	4.44	4.39	4.35
	-1.3	-2	4.60	4.59	4.58	4.49	4.40
	0.8	0	4.85	4.78	4.71	4.54	4.38
	3.9	3	5.26	5.08	4.89	4.61	4.34
	7.0	6	5.75	5.38	5.00	4.65	4.30
	10.1	9	5.71	5.35	4.98	4.62	4.26
	13.2	12	5.68	5.31	4.95	4.59	4.23
	16.9	15.5	5.63	5.27	4.91	4.54	4.18

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Hi	10			2.97	2.32	3.55	2.63	3.84	2.70	4.08	2.73	4.57	2.95	4.75	2.87
	12			2.97	2.32	3.55	2.63	3.84	2.70	4.08	2.73	4.56	2.94	4.73	2.87
	14			2.97	2.32	3.55	2.63	3.84	2.70	4.07	2.73	4.54	2.94	4.71	2.86
	16			2.97	2.32	3.55	2.63	3.84	2.70	4.07	2.73	4.52	2.93	4.69	2.85
	18			2.97	2.32	3.55	2.63	3.84	2.70	4.06	2.73	4.51	2.92	4.67	2.84
	20			2.97	2.32	3.55	2.63	3.84	2.70	4.05	2.72	4.49	2.92	4.65	2.83
	22			2.96	2.32	3.55	2.63	3.84	2.70	4.04	2.71	4.43	2.89	4.58	2.81
10	24			2.96	2.32	3.54	2.62	3.84	2.70	4.02	2.71	4.38	2.87	4.52	2.79
(m³/min)	26			2.96	2.32	3.53	2.62	3.80	2.67	3.97	2.69	4.31	2.85	4.45	2.76
	28	2.68	2.28	2.95	2.32	3.51	2.61	3.76	2.65	3.92	2.66	4.24	2.82	4.38	2.72
	30	2.68	2.28	2.95	2.32	3.48	2.60	3.73	2.64	3.88	2.64	4.17	2.79	4.31	2.70
	32	2.68	2.28	2.94	2.31	3.46	2.59	3.69	2.63	3.83	2.62	4.11	2.76	4.25	2.69
	34	2.68	2.28	2.93	2.30	3.44	2.58	3.64	2.61	3.77	2.60	4.02	2.73	4.16	2.66
	35	2.68	2.28	2.92	2.30	3.44	2.58	3.62	2.60	3.74	2.59	3.98	2.72	4.12	2.65
	36	2.68	2.28	2.92	2.30	3.41	2.57	3.60	2.59	3.70	2.57	3.91	2.69	4.04	2.62
	38	2.68	2.28	2.91	2.30	3.36	2.55	3.57	2.58	3.63	2.54	3.76	2.63	3.88	2.56
	39	2.68	2.28	2.91	2.30	3.33	2.53	3.55	2.57	3.60	2.53	3.69	2.61	3.80	2.54
	41	2.68	2.28	2.90	2.29	3.23	2.49	3.40	2.51	3.44	2.47	3.53	2.55	3.62	2.46
	43	2.68	2.28	2.89	2.29	3.13	2.45	3.26	2.45	3.29	2.41	3.36	2.47	3.44	2.41

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Hi	-19.8	-20	2.29	2.29	2.29	2.29	2.29
	-17.8	-18	2.44	2.44	2.44	2.44	2.44
	-15.7	-16	2.59	2.59	2.59	2.59	2.59
	-13.7	-14	2.74	2.74	2.74	2.74	2.74
	-11.7	-12	2.88	2.88	2.88	2.88	2.88
	-9.6	-10	3.03	3.03	3.03	3.03	3.03
	-7.5	-8	3.22	3.22	3.22	3.22	3.22
10	-5.5	-6	3.40	3.40	3.40	3.40	3.40
(m³/min)	-3.4	-4	3.52	3.51	3.51	3.47	3.44
	-1.3	-2	3.64	3.63	3.62	3.55	3.48
	0.8	0	3.84	3.78	3.73	3.59	3.46
	3.9	3	4.16	4.01	3.87	3.65	3.43
	7.0	6	4.55	4.25	3.95	3.68	3.40
	10.1	9	4.52	4.23	3.94	3.66	3.37
	13.2	12	4.49	4.20	3.91	3.63	3.34
	16.9	15.5	4.45	4.17	3.88	3.59	3.31

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Me	10			2.71	2.11	3.24	2.39	3.50	2.45	3.73	2.49	4.18	2.69	4.34	2.61
	12			2.71	2.11	3.24	2.39	3.50	2.45	3.72	2.48	4.16	2.67	4.32	2.60
	14			2.71	2.11	3.24	2.39	3.50	2.45	3.72	2.48	4.15	2.66	4.30	2.59
	16			2.71	2.11	3.24	2.39	3.50	2.45	3.71	2.48	4.13	2.66	4.28	2.59
	18			2.71	2.11	3.24	2.39	3.50	2.45	3.71	2.48	4.12	2.65	4.26	2.58
	20			2.71	2.11	3.24	2.39	3.50	2.45	3.70	2.48	4.10	2.65	4.24	2.58
	22			2.71	2.11	3.24	2.39	3.50	2.45	3.69	2.47	4.05	2.63	4.18	2.56
9	24			2.70	2.11	3.24	2.39	3.50	2.45	3.67	2.46	4.00	2.61	4.13	2.54
(m³/min)	26			2.70	2.11	3.22	2.37	3.47	2.44	3.63	2.44	3.93	2.58	4.06	2.51
	28	2.45	2.08	2.70	2.11	3.21	2.37	3.44	2.43	3.58	2.42	3.87	2.56	4.00	2.49
	30	2.45	2.08	2.69	2.10	3.18	2.36	3.40	2.41	3.54	2.41	3.81	2.54	3.94	2.47
	32	2.45	2.08	2.68	2.10	3.16	2.35	3.37	2.39	3.50	2.39	3.75	2.51	3.88	2.45
	34	2.45	2.08	2.68	2.10	3.15	2.35	3.33	2.38	3.44	2.37	3.67	2.48	3.80	2.40
	35	2.45	2.08	2.67	2.09	3.14	2.34	3.31	2.36	3.42	2.36	3.63	2.47	3.76	2.39
	36	2.45	2.08	2.67	2.09	3.12	2.34	3.29	2.35	3.38	2.33	3.57	2.43	3.69	2.37
	38	2.45	2.08	2.66	2.09	3.07	2.32	3.26	2.34	3.32	2.31	3.44	2.39	3.54	2.33
	39	2.45	2.08	2.66	2.09	3.05	2.31	3.24	2.33	3.28	2.30	3.37	2.37	3.47	2.30
	41	2.45	2.08	2.65	2.08	2.95	2.27	3.11	2.28	3.15	2.25	3.22	2.31	3.31	2.25
	43	2.45	2.08	2.64	2.08	2.86	2.23	2.98	2.23	3.01	2.19	3.07	2.26	3.14	2.19

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Me	-19.8	-20	2.08	2.08	2.08	2.08	2.08
	-17.8	-18	2.22	2.22	2.22	2.22	2.22
	-15.7	-16	2.35	2.35	2.35	2.35	2.35
	-13.7	-14	2.48	2.48	2.48	2.48	2.48
	-11.7	-12	2.62	2.62	2.62	2.62	2.62
	-9.6	-10	2.75	2.75	2.75	2.75	2.75
	-7.5	-8	2.92	2.92	2.92	2.92	2.92
9	-5.5	-6	3.09	3.09	3.09	3.09	3.09
(m³/min)	-3.4	-4	3.19	3.19	3.19	3.15	3.12
	-1.3	-2	3.30	3.29	3.28	3.22	3.16
	0.8	0	3.48	3.43	3.38	3.26	3.14
	3.9	3	3.78	3.64	3.51	3.31	3.11
	7.0	6	4.13	3.86	3.59	3.34	3.09
	10.1	9	4.10	3.84	3.58	3.32	3.06
	13.2	12	4.07	3.81	3.55	3.29	3.03
	16.9	15.5	4.04	3.78	3.52	3.26	3.00

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	21 °CDB 14 °CWB SHC	23 °CDB 16 °CWB TC	23 °CDB 16 °CWB SHC	26 °CDB 18 °CWB TC	26 °CDB 18 °CWB SHC	27 °CDB 19 °CWB TC	27 °CDB 19 °CWB SHC	28 °CDB 20 °CWB TC	28 °CDB 20 °CWB SHC	31 °CDB 22 °CWB TC	31 °CDB 22 °CWB SHC	33 °CDB 24 °CWB TC	33 °CDB 24 °CWB SHC
Lo	10			2.17	1.67	2.59	1.90	2.81	1.95	2.99	1.98	3.34	2.13	3.47	2.08
	12			2.17	1.67	2.59	1.90	2.81	1.95	2.98	1.98	3.33	2.13	3.46	2.07
	14			2.17	1.67	2.59	1.90	2.81	1.95	2.98	1.98	3.32	2.13	3.44	2.06
	16			2.17	1.67	2.59	1.90	2.81	1.95	2.97	1.97	3.31	2.12	3.43	2.06
	18			2.17	1.67	2.59	1.90	2.81	1.95	2.97	1.97	3.30	2.12	3.41	2.05
	20			2.17	1.67	2.59	1.90	2.81	1.95	2.97	1.97	3.28	2.11	3.40	2.05
	22			2.17	1.67	2.59	1.90	2.81	1.95	2.95	1.96	3.24	2.09	3.35	2.03
7	24			2.16	1.67	2.59	1.90	2.81	1.95	2.94	1.96	3.20	2.08	3.30	2.01
(m³/min)	26			2.16	1.67	2.58	1.89	2.78	1.93	2.90	1.94	3.15	2.05	3.25	1.99
	28	1.96	1.65	2.16	1.67	2.57	1.89	2.75	1.92	2.87	1.92	3.10	2.03	3.20	1.98
	30	1.96	1.65	2.15	1.66	2.55	1.88	2.73	1.91	2.83	1.91	3.05	2.01	3.15	1.95
	32	1.96	1.65	2.15	1.66	2.53	1.87	2.70	1.90	2.80	1.90	3.00	1.99	3.11	1.94
	34	1.96	1.65	2.14	1.66	2.52	1.87	2.66	1.88	2.76	1.88	2.94	1.97	3.04	1.92
	35	1.96	1.65	2.14	1.66	2.51	1.86	2.65	1.88	2.73	1.87	2.91	1.96	3.01	1.91
	36	1.96	1.65	2.14	1.66	2.50	1.86	2.63	1.87	2.71	1.86	2.86	1.94	2.95	1.89
	38	1.96	1.65	2.13	1.66	2.46	1.84	2.61	1.86	2.66	1.84	2.75	1.90	2.84	1.85
	39	1.96	1.65	2.13	1.66	2.44	1.83	2.59	1.85	2.63	1.83	2.70	1.88	2.78	1.83
	41	1.96	1.65	2.12	1.65	2.37	1.80	2.49	1.81	2.52	1.78	2.58	1.84	2.65	1.78
	43	1.96	1.65	2.11	1.65	2.29	1.77	2.38	1.76	2.41	1.74	2.46	1.78	2.52	1.73

Air flow	Outdoor air temperature °CDB	Outdoor air temperature °CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Lo	-19.8	-20	1.65	1.65	1.65	1.65	1.65
	-17.8	-18	1.75	1.75	1.75	1.75	1.75
	-15.7	-16	1.86	1.86	1.86	1.86	1.86
	-13.7	-14	1.96	1.96	1.96	1.96	1.96
	-11.7	-12	2.07	2.07	2.07	2.07	2.07
	-9.6	-10	2.18	2.18	2.18	2.18	2.18
	-7.5	-8	2.31	2.31	2.31	2.31	2.31
7	-5.5	-6	2.44	2.44	2.44	2.44	2.44
(m³/min)	-3.4	-4	2.53	2.52	2.52	2.49	2.47
	-1.3	-2	2.61	2.60	2.60	2.55	2.50
	0.8	0	2.75	2.71	2.67	2.58	2.48
	3.9	3	2.99	2.88	2.77	2.62	2.46
	7.0	6	3.26	3.05	2.84	2.64	2.44
	10.1	9	3.24	3.03	2.83	2.62	2.42
	13.2	12	3.22	3.01	2.81	2.60	2.40
	16.9	15.5	3.20	2.99	2.78	2.58	2.37

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PFA004Z045

Model **FDE56KXZE1** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	SHC	23 °CDB 16 °CWB TC	SHC	26 °CDB 18 °CWB TC	SHC	27 °CDB 19 °CWB TC	SHC	28 °CDB 20 °CWB TC	SHC	31 °CDB 22 °CWB TC	SHC	33 °CDB 24 °CWB TC	SHC
	10			4.59	3.48	5.49	3.94	5.94	4.05	6.32	4.11	7.07	4.43	7.35	4.31
	12			4.59	3.48	5.49	3.94	5.94	4.05	6.31	4.11	7.05	4.42	7.31	4.28
	14			4.59	3.48	5.49	3.94	5.94	4.05	6.30	4.10	7.02	4.41	7.28	4.27
	16			4.59	3.48	5.49	3.94	5.94	4.05	6.29	4.09	7.00	4.40	7.25	4.26
	18			4.59	3.48	5.49	3.94	5.94	4.05	6.28	4.08	6.97	4.39	7.22	4.25
P-Hi	20			4.59	3.48	5.49	3.94	5.94	4.05	6.27	4.08	6.95	4.38	7.19	4.24
	22			4.58	3.47	5.49	3.94	5.94	4.05	6.24	4.07	6.86	4.33	7.09	4.21
13	24			4.58	3.47	5.48	3.94	5.94	4.05	6.21	4.06	6.77	4.30	6.99	4.17
(m^3/min)	26			4.57	3.47	5.46	3.93	5.88	4.02	6.14	4.03	6.66	4.26	6.88	4.13
	28	4.14	3.41	4.57	3.47	5.43	3.91	5.82	3.99	6.07	4.00	6.56	4.22	6.78	4.10
	30	4.14	3.41	4.56	3.46	5.39	3.90	5.77	3.97	6.00	3.98	6.46	4.18	6.67	4.06
	32	4.14	3.41	4.55	3.46	5.35	3.88	5.71	3.94	5.93	3.94	6.36	4.14	6.57	4.02
	34	4.14	3.41	4.53	3.45	5.33	3.87	5.64	3.92	5.83	3.90	6.22	4.08	6.44	3.97
	35	4.14	3.41	4.52	3.44	5.32	3.86	5.60	3.89	5.79	3.88	6.16	4.06	6.37	3.94
	36	4.14	3.41	4.52	3.44	5.28	3.85	5.57	3.88	5.73	3.86	6.05	4.02	6.25	3.90
	38	4.14	3.41	4.51	3.44	5.20	3.81	5.52	3.86	5.62	3.81	5.82	3.93	6.00	3.80
	39	4.14	3.41	4.50	3.43	5.16	3.79	5.49	3.85	5.56	3.79	5.71	3.87	5.87	3.76
	41	4.14	3.41	4.49	3.43	5.00	3.72	5.26	3.75	5.33	3.69	5.46	3.79	5.60	3.67
	43	4.14	3.41	4.47	3.42	4.85	3.66	5.04	3.65	5.10	3.60	5.21	3.70	5.32	3.58

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	3.65	3.65	3.65	3.65	3.65
	-17.8	-18	3.89	3.89	3.89	3.89	3.89
	-15.7	-16	4.12	4.12	4.12	4.12	4.12
	-13.7	-14	4.36	4.36	4.36	4.36	4.36
	-11.7	-12	4.59	4.59	4.59	4.59	4.59
P-Hi	-9.6	-10	4.83	4.83	4.83	4.83	4.83
	-7.5	-8	5.12	5.12	5.12	5.12	5.12
13	-5.5	-6	5.42	5.42	5.42	5.42	5.42
(m^3/min)	-3.4	-4	5.61	5.60	5.59	5.54	5.48
	-1.3	-2	5.80	5.78	5.76	5.65	5.54
	0.8	0	6.11	6.02	5.94	5.73	5.51
	3.9	3	6.63	6.39	6.16	5.81	5.47
	7.0	6	7.25	6.77	6.30	5.86	5.42
	10.1	9	7.20	6.74	6.28	5.82	5.37
	13.2	12	7.15	6.69	6.24	5.78	5.32
	16.9	15.5	7.10	6.64	6.18	5.73	5.27

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	SHC	23 °CDB 16 °CWB TC	SHC	26 °CDB 18 °CWB TC	SHC	27 °CDB 19 °CWB TC	SHC	28 °CDB 20 °CWB TC	SHC	31 °CDB 22 °CWB TC	SHC	33 °CDB 24 °CWB TC	SHC
	10			3.69	2.75	4.41	3.13	4.77	3.22	5.08	3.27	5.69	3.52	5.91	3.42
	12			3.69	2.75	4.41	3.13	4.77	3.22	5.07	3.27	5.67	3.51	5.88	3.41
	14			3.69	2.75	4.41	3.13	4.77	3.22	5.07	3.27	5.65	3.50	5.86	3.40
	16			3.69	2.75	4.41	3.13	4.77	3.22	5.06	3.26	5.63	3.49	5.83	3.39
	18			3.69	2.75	4.41	3.13	4.77	3.22	5.05	3.26	5.61	3.48	5.81	3.39
Hi	20			3.69	2.75	4.41	3.13	4.77	3.22	5.05	3.26	5.59	3.48	5.78	3.38
	22			3.69	2.75	4.41	3.13	4.77	3.22	5.02	3.24	5.52	3.45	5.70	3.34
10	24			3.68	2.75	4.41	3.13	4.77	3.22	5.00	3.23	5.45	3.43	5.62	3.31
(m^3/min)	26			3.68	2.75	4.39	3.12	4.73	3.20	4.94	3.21	5.36	3.38	5.54	3.28
	28	3.33	2.71	3.68	2.75	4.37	3.11	4.68	3.17	4.88	3.18	5.27	3.35	5.45	3.25
	30	3.33	2.71	3.67	2.74	4.34	3.10	4.64	3.15	4.82	3.16	5.19	3.32	5.37	3.22
	32	3.33	2.71	3.66	2.74	4.30	3.08	4.59	3.13	4.77	3.14	5.11	3.29	5.29	3.19
	34	3.33	2.71	3.65	2.74	4.29	3.08	4.53	3.11	4.69	3.10	5.01	3.25	5.18	3.15
	35	3.33	2.71	3.64	2.73	4.28	3.07	4.50	3.10	4.65	3.08	4.95	3.22	5.12	3.13
	36	3.33	2.71	3.63	2.73	4.25	3.05	4.48	3.09	4.61	3.07	4.86	3.18	5.02	3.08
	38	3.33	2.71	3.63	2.73	4.18	3.03	4.44	3.07	4.52	3.03	4.68	3.11	4.82	3.02
	39	3.33	2.71	3.62	2.72	4.15	3.01	4.41	3.05	4.47	3.00	4.60	3.08	4.73	2.99
	41	3.33	2.71	3.61	2.72	4.03	2.95	4.23	2.97	4.29	2.92	4.39	3.00	4.50	2.91
	43	3.33	2.71	3.60	2.71	3.90	2.90	4.05	2.89	4.10	2.85	4.19	2.92	4.28	2.83

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.89	2.89	2.89	2.89	2.89
	-17.8	-18	3.08	3.08	3.08	3.08	3.08
	-15.7	-16	3.26	3.26	3.26	3.26	3.26
	-13.7	-14	3.45	3.45	3.45	3.45	3.45
	-11.7	-12	3.63	3.63	3.63	3.63	3.63
Hi	-9.6	-10	3.82	3.82	3.82	3.82	3.82
	-7.5	-8	4.05	4.05	4.05	4.05	4.05
10	-5.5	-6	4.28	4.28	4.28	4.28	4.28
(m^3/min)	-3.4	-4	4.43	4.43	4.42	4.38	4.33
	-1.3	-2	4.58	4.57	4.56	4.47	4.38
	0.8	0	4.83	4.76	4.70	4.53	4.36
	3.9	3	5.24	5.06	4.87	4.60	4.32
	7.0	6	5.73	5.36	4.98	4.63	4.28
	10.1	9	5.69	5.33	4.96	4.61	4.25
	13.2	12	5.65	5.29	4.93	4.57	4.21
	16.9	15.5	5.61	5.25	4.89	4.53	4.17

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	SHC	23 °CDB 16 °CWB TC	SHC	26 °CDB 18 °CWB TC	SHC	27 °CDB 19 °CWB TC	SHC	28 °CDB 20 °CWB TC	SHC	31 °CDB 22 °CWB TC	SHC	33 °CDB 24 °CWB TC	SHC
	10			3.37	2.51	4.03	2.85	4.36	2.93	4.64	2.98	5.20	3.21	5.40	3.12
	12			3.37	2.51	4.03	2.85	4.36	2.93	4.63	2.97	5.18	3.20	5.37	3.10
	14			3.37	2.51	4.03	2.85	4.36	2.93	4.63	2.97	5.16	3.19	5.35	3.10
	16			3.37	2.51	4.03	2.85	4.36	2.93	4.62	2.96	5.14	3.18	5.33	3.09
	18			3.37	2.51	4.03	2.85	4.36	2.93	4.61	2.95	5.12	3.17	5.30	3.08
Me	20			3.37	2.51	4.03	2.85	4.36	2.93	4.61	2.95	5.10	3.17	5.28	3.06
	22			3.37	2.51	4.03	2.85	4.36	2.93	4.59	2.95	5.04	3.14	5.21	3.04
9	24			3.36	2.50	4.03	2.85	4.36	2.93	4.57	2.94	4.97	3.10	5.14	3.01
(m^3/min)	26			3.36	2.50	4.01	2.84	4.32	2.91	4.51	2.92	4.90	3.08	5.06	2.99
	28	3.04	2.46	3.36	2.50	3.99	2.83	4.28	2.89	4.46	2.90	4.82	3.05	4.98	2.96
	30	3.04	2.46	3.35	2.50	3.96	2.81	4.24	2.87	4.41	2.87	4.74	3.02	4.90	2.93
	32	3.04	2.46	3.34	2.50	3.93	2.80	4.20	2.85	4.35	2.85	4.67	2.99	4.83	2.90
	34	3.04	2.46	3.33	2.49	3.92	2.80	4.14	2.83	4.28	2.82	4.57	2.95	4.73	2.86
	35	3.04	2.46	3.32	2.49	3.91	2.79	4.11	2.82	4.25	2.80	4.52	2.92	4.68	2.84
	36	3.04	2.46	3.32	2.49	3.88	2.78	4.09	2.81	4.21	2.79	4.44	2.89	4.59	2.81
	38	3.04	2.46	3.31	2.48	3.82	2.75	4.05	2.79	4.13	2.75	4.28	2.83	4.41	2.75
	39	3.04	2.46	3.31	2.48	3.79	2.74	4.03	2.78	4.09	2.74	4.20	2.80	4.32	2.70
	41	3.04	2.46	3.30	2.47	3.68	2.69	3.87	2.71	3.91	2.66	4.01	2.72	4.11	2.64
	43	3.04	2.46	3.28	2.47	3.56	2.63	3.70	2.63	3.74	2.58	3.82	2.65	3.91	2.57

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.62	2.62	2.62	2.62	2.62
	-17.8	-18	2.79	2.79	2.79	2.79	2.79
	-15.7	-16	2.96	2.96	2.96	2.96	2.96
	-13.7	-14	3.13	3.13	3.13	3.13	3.13
	-11.7	-12	3.30	3.30	3.30	3.30	3.30
Me	-9.6	-10	3.47	3.47	3.47	3.47	3.47
	-7.5	-8	3.68	3.68	3.68	3.68	3.68
9	-5.5	-6	3.89	3.89	3.89	3.89	3.89
(m^3/min)	-3.4	-4	4.03	4.02	4.01	3.97	3.93
	-1.3	-2	4.16	4.15	4.14	4.06	3.98
	0.8	0	4.39	4.32	4.26	4.11	3.96
	3.9	3	4.76	4.59	4.42	4.17	3.92
	7.0	6	5.20	4.86	4.52	4.21	3.89
	10.1	9	5.17	4.84	4.51	4.18	3.86
	13.2	12	5.13	4.81	4.48	4.15	3.82
	16.9	15.5	5.09	4.77	4.44	4.11	3.78

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	SHC	23 °CDB 16 °CWB TC	SHC	26 °CDB 18 °CWB TC	SHC	27 °CDB 19 °CWB TC	SHC	28 °CDB 20 °CWB TC	SHC	31 °CDB 22 °CWB TC	SHC	33 °CDB 24 °CWB TC	SHC
	10			2.70	1.99	3.23	2.26	3.49	2.33	3.71	2.36	4.16	2.55	4.32	2.48
	12			2.70	1.99	3.23	2.26	3.49	2.33	3.71	2.36	4.15	2.54	4.30	2.47
	14			2.70	1.99	3.23	2.26	3.49	2.33	3.70	2.36	4.13	2.54	4.28	2.46
	16			2.70	1.99	3.23	2.26	3.49	2.33	3.70	2.36	4.12	2.53	4.26	2.45
	18			2.70	1.99	3.23	2.26	3.49	2.33	3.69	2.36	4.10	2.52	4.25	2.45
Lo	20			2.70	1.99	3.23	2.26	3.49	2.33	3.69	2.36	4.09	2.52	4.23	2.44
	22			2.70	1.99	3.23	2.26	3.49	2.33	3.67	2.35	4.03	2.49	4.17	2.42
7	24			2.69	1.99	3.23	2.26	3.49	2.33	3.66	2.34	3.98	2.47	4.11	2.39
(m^3/min)	26			2.69	1.99	3.21	2.25	3.46	2.31	3.61	2.32	3.92	2.45	4.05	2.37
	28	2.44	1.96	2.69	1.99	3.20	2.25	3.43	2.30	3.57	2.30	3.86	2.42	3.99	2.35
	30	2.44	1.96	2.68	1.98	3.17	2.23	3.39	2.28	3.53	2.28	3.80	2.40	3.93	2.32
	32	2.44	1.96	2.67	1.98	3.15	2.22	3.36	2.27	3.49	2.26	3.74	2.37	3.87	2.29
	34	2.44	1.96	2.67	1.98	3.13	2.22	3.32	2.25	3.43	2.24	3.66	2.33	3.79	2.27
	35	2.44	1.96	2.66	1.98	3.13	2.22	3.29	2.23	3.40	2.22	3.62	2.32	3.75	2.25
	36	2.44	1.96	2.66	1.98	3.11	2.21	3.28	2.23	3.37	2.21	3.56	2.30	3.67	2.23
	38	2.44	1.96	2.65	1.97	3.06	2.18	3.24	2.21	3.31	2.18	3.43	2.25	3.53	2.18
	39	2.44	1.96	2.65	1.97	3.03	2.17	3.23	2.21	3.27	2.17	3.36	2.22	3.46	2.15
	41	2.44	1.96	2.64	1.96	2.94	2.13	3.10	2.15	3.13	2.11	3.21	2.16	3.29	2.09
	43	2.44	1.96	2.63	1.96	2.85	2.09	2.96	2.09	3.00	2.06	3.06	2.10	3.13	2.03

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.07	2.07	2.07	2.07	2.07
	-17.8	-18	2.21	2.21	2.21	2.21	2.21
	-15.7	-16	2.34	2.34	2.34	2.34	2.34
	-13.7	-14	2.47	2.47	2.47	2.47	2.47
	-11.7	-12	2.61	2.61	2.61	2.61	2.61
Lo	-9.6	-10	2.74	2.74	2.74	2.74	2.74
	-7.5	-8	2.91	2.91	2.91	2.91	2.91
7	-5.5	-6	3.07	3.07	3.07	3.07	3.07
(m^3/min)	-3.4	-4	3.18	3.18	3.17	3.14	3.11
	-1.3	-2	3.29	3.28	3.27	3.21	3.15
	0.8	0	3.47	3.42	3.37	3.25	3.13
	3.9	3	3.76	3.63	3.49	3.30	3.10
	7.0	6	4.11	3.84	3.58	3.32	3.07
	10.1	9	4.08	3.82	3.56	3.30	3.05
	13.2	12	4.06	3.80	3.54	3.28	3.02
	16.9	15.5	4.03	3.77	3.51	3.25	2.99

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PFA004Z045

Model FDE71KXZE1 Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	SHC	23 °CDB 16 °CWB TC	SHC	26 °CDB 18 °CWB TC	SHC	27 °CDB 19 °CWB TC	SHC	28 °CDB 20 °CWB TC	SHC	31 °CDB 22 °CWB TC	SHC	33 °CDB 24 °CWB TC	SHC
	10			5.82	4.62	6.96	5.23	7.53	5.36	8.01	5.42	8.97	5.86	9.31	5.71
	12			5.82	4.62	6.96	5.23	7.53	5.36	8.00	5.42	8.94	5.85	9.27	5.69
	14			5.82	4.62	6.96	5.23	7.53	5.36	7.99	5.41	8.90	5.83	9.23	5.68
	16			5.82	4.62	6.96	5.23	7.53	5.36	7.97	5.41	8.87	5.82	9.19	5.67
	18			5.82	4.62	6.96	5.23	7.53	5.36	7.96	5.40	8.84	5.81	9.15	5.64
P-Hi	20			5.82	4.62	6.96	5.23	7.53	5.36	7.95	5.40	8.81	5.80	9.11	5.63
	22			5.81	4.62	6.95	5.22	7.53	5.36	7.92	5.39	8.70	5.76	8.99	5.56
20	24			5.80	4.61	6.95	5.22	7.53	5.36	7.88	5.38	8.58	5.71	8.86	5.53
(m³/min)	26			5.80	4.61	6.92	5.21	7.46	5.32	7.79	5.34	8.45	5.64	8.73	5.49
	28	5.25	4.55	5.79	4.61	6.89	5.20	7.38	5.29	7.69	5.30	8.31	5.59	8.59	5.45
	30	5.25	4.55	5.78	4.60	6.83	5.17	7.31	5.26	7.60	5.26	8.19	5.55	8.46	5.40
	32	5.25	4.55	5.77	4.60	6.78	5.15	7.24	5.23	7.51	5.23	8.06	5.50	8.33	5.36
	34	5.25	4.55	5.75	4.59	6.76	5.15	7.15	5.19	7.39	5.18	7.89	5.44	8.16	5.30
	35	5.25	4.55	5.74	4.59	6.75	5.14	7.10	5.17	7.33	5.15	7.80	5.40	8.08	5.26
	36	5.25	4.55	5.73	4.58	6.69	5.11	7.06	5.16	7.26	5.12	7.66	5.36	7.92	5.22
	38	5.25	4.55	5.72	4.57	6.59	5.07	6.99	5.12	7.12	5.07	7.38	5.25	7.61	5.11
	39	5.25	4.55	5.71	4.57	6.54	5.04	6.96	5.11	7.05	5.04	7.24	5.20	7.45	5.05
	41	5.25	4.55	5.69	4.56	6.35	4.96	6.67	4.99	6.76	4.92	6.92	5.05	7.10	4.92
	43	5.25	4.55	5.67	4.55	6.15	4.87	6.39	4.86	6.46	4.79	6.60	4.96	6.75	4.83

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	4.64	4.64	4.64	4.64	4.64
	-17.8	-18	4.94	4.94	4.94	4.94	4.94
	-15.7	-16	5.24	5.24	5.24	5.24	5.24
	-13.7	-14	5.54	5.54	5.54	5.54	5.54
	-11.7	-12	5.83	5.83	5.83	5.83	5.83
P-Hi	-9.6	-10	6.13	6.13	6.13	6.13	6.13
	-7.5	-8	6.51	6.51	6.51	6.51	6.51
20	-5.5	-6	6.88	6.88	6.88	6.88	6.88
(m³/min)	-3.4	-4	7.12	7.11	7.10	7.03	6.96
	-1.3	-2	7.36	7.34	7.32	7.18	7.04
	0.8	0	7.76	7.65	7.54	7.27	7.00
	3.9	3	8.42	8.12	7.82	7.38	6.94
	7.0	6	9.20	8.60	8.00	7.44	6.88
	10.1	9	9.14	8.56	7.97	7.40	6.82
	13.2	12	9.08	8.50	7.92	7.34	6.76
	16.9	15.5	9.01	8.43	7.85	7.27	6.69

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	SHC	23 °CDB 16 °CWB TC	SHC	26 °CDB 18 °CWB TC	SHC	27 °CDB 19 °CWB TC	SHC	28 °CDB 20 °CWB TC	SHC	31 °CDB 22 °CWB TC	SHC	33 °CDB 24 °CWB TC	SHC
	10			4.68	3.63	5.60	4.12	6.06	4.23	6.44	4.29	7.22	4.61	7.49	4.50
	12			4.68	3.63	5.60	4.12	6.06	4.23	6.43	4.28	7.19	4.60	7.46	4.49
	14			4.68	3.63	5.60	4.12	6.06	4.23	6.43	4.28	7.16	4.59	7.43	4.48
	16			4.68	3.63	5.60	4.12	6.06	4.23	6.42	4.28	7.14	4.59	7.40	4.47
	18			4.68	3.63	5.60	4.12	6.06	4.23	6.41	4.27	7.11	4.58	7.36	4.45
Hi	20			4.68	3.63	5.60	4.12	6.06	4.23	6.40	4.27	7.09	4.57	7.33	4.44
	22			4.68	3.63	5.60	4.12	6.06	4.23	6.37	4.25	7.00	4.53	7.23	4.40
15	24			4.67	3.62	5.59	4.12	6.06	4.23	6.34	4.24	6.91	4.50	7.13	4.37
(m³/min)	26			4.67	3.62	5.57	4.10	6.00	4.20	6.26	4.21	6.80	4.46	7.02	4.33
	28	4.23	3.58	4.66	3.62	5.54	4.09	5.94	4.16	6.19	4.18	6.69	4.41	6.91	4.29
	30	4.23	3.58	4.65	3.61	5.50	4.08	5.88	4.14	6.12	4.14	6.59	4.38	6.81	4.25
	32	4.23	3.58	4.64	3.61	5.46	4.06	5.83	4.12	6.05	4.11	6.49	4.34	6.71	4.21
	34	4.23	3.58	4.62	3.60	5.44	4.05	5.75	4.09	5.95	4.08	6.35	4.28	6.57	4.15
	35	4.23	3.58	4.62	3.60	5.43	4.04	5.71	4.08	5.90	4.06	6.28	4.26	6.50	4.13
	36	4.23	3.58	4.61	3.60	5.39	4.03	5.68	4.06	5.84	4.03	6.17	4.20	6.37	4.09
	38	4.23	3.58	4.60	3.59	5.30	3.99	5.63	4.04	5.73	3.99	5.94	4.12	6.12	4.01
	39	4.23	3.58	4.59	3.59	5.26	3.97	5.60	4.03	5.68	3.97	5.83	4.08	5.99	3.96
	41	4.23	3.58	4.58	3.59	5.11	3.91	5.37	3.93	5.44	3.87	5.57	3.98	5.71	3.87
	43	4.23	3.58	4.56	3.58	4.95	3.83	5.14	3.84	5.20	3.77	5.31	3.89	5.43	3.77

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	3.60	3.60	3.60	3.60	3.60
	-17.8	-18	3.83	3.83	3.83	3.83	3.83
	-15.7	-16	4.06	4.06	4.06	4.06	4.06
	-13.7	-14	4.29	4.29	4.29	4.29	4.29
	-11.7	-12	4.52	4.52	4.52	4.52	4.52
Hi	-9.6	-10	4.75	4.75	4.75	4.75	4.75
	-7.5	-8	5.04	5.04	5.04	5.04	5.04
15	-5.5	-6	5.33	5.33	5.33	5.33	5.33
(m³/min)	-3.4	-4	5.52	5.51	5.50	5.45	5.39
	-1.3	-2	5.70	5.69	5.67	5.57	5.46
	0.8	0	6.01	5.93	5.84	5.64	5.43
	3.9	3	6.53	6.29	6.06	5.72	5.38
	7.0	6	7.13	6.67	6.20	5.77	5.33
	10.1	9	7.08	6.63	6.18	5.73	5.29
	13.2	12	7.04	6.59	6.14	5.69	5.24
	16.9	15.5	6.98	6.53	6.08	5.64	5.19

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	SHC	23 °CDB 16 °CWB TC	SHC	26 °CDB 18 °CWB TC	SHC	27 °CDB 19 °CWB TC	SHC	28 °CDB 20 °CWB TC	SHC	31 °CDB 22 °CWB TC	SHC	33 °CDB 24 °CWB TC	SHC
	10			4.17	3.21	4.99	3.64	5.40	3.74	5.74	3.79	6.43	4.09	6.68	3.98
	12			4.17	3.21	4.99	3.64	5.40	3.74	5.73	3.79	6.41	4.08	6.65	3.97
	14			4.17	3.21	4.99	3.64	5.40	3.74	5.72	3.78	6.38	4.07	6.62	3.96
	16			4.17	3.21	4.99	3.64	5.40	3.74	5.72	3.78	6.36	4.06	6.59	3.95
	18			4.17	3.21	4.99	3.64	5.40	3.74	5.71	3.78	6.34	4.05	6.56	3.94
Me	20			4.17	3.21	4.99	3.64	5.40	3.74	5.70	3.77	6.31	4.04	6.53	3.92
	22			4.17	3.21	4.99	3.64	5.40	3.74	5.67	3.76	6.23	4.01	6.44	3.89
13	24			4.16	3.21	4.98	3.64	5.40	3.74	5.65	3.76	6.15	3.98	6.35	3.86
(m³/min)	26			4.16	3.21	4.96	3.63	5.34	3.71	5.58	3.72	6.06	3.94	6.26	3.81
	28	3.77	3.16	4.15	3.20	4.94	3.62	5.29	3.69	5.52	3.70	5.96	3.90	6.16	3.78
	30	3.77	3.16	4.14	3.20	4.90	3.60	5.24	3.67	5.45	3.67	5.87	3.85	6.07	3.75
	32	3.77	3.16	4.13	3.20	4.86	3.59	5.19	3.65	5.39	3.64	5.78	3.82	5.97	3.72
	34	3.77	3.16	4.12	3.19	4.84	3.58	5.12	3.61	5.30	3.61	5.66	3.79	5.85	3.67
	35	3.77	3.16	4.11	3.19	4.84	3.58	5.09	3.60	5.26	3.59	5.59	3.76	5.79	3.66
	36	3.77	3.16	4.11	3.19	4.80	3.56	5.06	3.59	5.21	3.57	5.49	3.72	5.68	3.62
	38	3.77	3.16	4.10	3.18	4.73	3.53	5.01	3.57	5.11	3.53	5.29	3.64	5.45	3.54
	39	3.77	3.16	4.09	3.18	4.69	3.51	4.99	3.56	5.06	3.51	5.19	3.60	5.34	3.50
	41	3.77	3.16	4.08	3.18	4.55	3.44	4.78	3.46	4.84	3.41	4.96	3.52	5.09	3.40
	43	3.77	3.16	4.06	3.16	4.41	3.39	4.58	3.38	4.63	3.33	4.73	3.42	4.84	3.33

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	3.16	3.16	3.16	3.16	3.16
	-17.8	-18	3.36	3.36	3.36	3.36	3.36
	-15.7	-16	3.56	3.56	3.56	3.56	3.56
	-13.7	-14	3.77	3.77	3.77	3.77	3.77
	-11.7	-12	3.97	3.97	3.97	3.97	3.97
Me	-9.6	-10	4.17	4.17	4.17	4.17	4.17
	-7.5	-8	4.43	4.43	4.43	4.43	4.43
13	-5.5	-6	4.68	4.68	4.68	4.68	4.68
(m³/min)	-3.4	-4	4.84	4.84	4.83	4.78	4.74
	-1.3	-2	5.01	4.99	4.98	4.89	4.79
	0.8	0	5.28	5.20	5.13	4.95	4.76
	3.9	3	5.73	5.52	5.32	5.02	4.72
	7.0	6	6.26	5.85	5.44	5.06	4.68
	10.1	9	6.22	5.82	5.42	5.03	4.64
	13.2	12	6.18	5.78	5.39	4.99	4.60
	16.9	15.5	6.13	5.74	5.34	4.95	4.55

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	SHC	23 °CDB 16 °CWB TC	SHC	26 °CDB 18 °CWB TC	SHC	27 °CDB 19 °CWB TC	SHC	28 °CDB 20 °CWB TC	SHC	31 °CDB 22 °CWB TC	SHC	33 °CDB 24 °CWB TC	SHC
	10			3.34	2.54	3.99	2.88	4.32	2.96	4.60	3.01	5.15	3.24	5.34	3.15
	12			3.34	2.54	3.99	2.88	4.32	2.96	4.59	3.01	5.13	3.24	5.32	3.14
	14			3.34	2.54	3.99	2.88	4.32	2.96	4.58	3.00	5.11	3.23	5.30	3.13
	16			3.34	2.54	3.99	2.88	4.32	2.96	4.58	3.00	5.09	3.22	5.28	3.13
	18			3.34	2.54	3.99	2.88	4.32	2.96	4.57	2.99	5.07	3.21	5.25	3.11
Lo	20			3.34	2.54	3.99	2.88	4.32	2.96	4.56	2.99	5.05	3.20	5.23	3.11
	22			3.34	2.54	3.99	2.88	4.32	2.96	4.54	2.98	4.99	3.18	5.16	3.08
10	24			3.33	2.54	3.99	2.88	4.32	2.96	4.52	2.98	4.93	3.15	5.09	3.04
(m³/min)	26			3.33	2.54	3.97	2.88	4.28	2.94	4.47	2.95	4.85	3.12	5.01	3.02
	28	3.02	2.50	3.32	2.54	3.95	2.86	4.24	2.92	4.42	2.93	4.77	3.08	4.93	3.00
	30	3.02	2.50	3.32	2.54	3.92	2.84	4.20	2.90	4.36	2.90	4.70	3.06	4.86	2.97
	32	3.02	2.50	3.31	2.53	3.89	2.83	4.16	2.89	4.31	2.89	4.63	3.03	4.78	2.94
	34	3.02	2.50	3.30	2.53	3.88	2.83	4.10	2.86	4.24	2.86	4.53	2.99	4.68	2.91
	35	3.02	2.50	3.29	2.52	3.87	2.82	4.07	2.85	4.21	2.84	4.48	2.97	4.63	2.89
	36	3.02	2.50	3.29	2.52	3.84	2.81	4.05	2.84	4.17	2.83	4.40	2.94	4.54	2.85
	38	3.02	2.50	3.28	2.52	3.78	2.79	4.01	2.81	4.09	2.78	4.24	2.88	4.36	2.79
	39	3.02	2.50	3.28	2.52	3.75	2.78	3.99	2.81	4.05	2.77	4.16	2.85	4.27	2.75
	41	3.02	2.50	3.26	2.51	3.64	2.72	3.83	2.75	3.88	2.70	3.97	2.77	4.07	2.69
	43	3.02	2.50	3.25	2.50	3.53	2.68	3.67	2.68	3.71	2.63	3.79	2.71	3.87	2.63

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	2.47	2.47	2.47	2.47	2.47
	-17.8	-18	2.63	2.63	2.63	2.63	2.63
	-15.7	-16	2.79	2.79	2.79	2.79	2.79
	-13.7	-14	2.95	2.95	2.95	2.95	2.95
	-11.7	-12	3.11	3.11	3.11	3.11	3.11
Lo	-9.6	-10	3.27	3.27	3.27	3.27	3.27
	-7.5	-8	3.47	3.47	3.47	3.47	3.47
10	-5.5	-6	3.66	3.66	3.66	3.66	3.66
(m³/min)	-3.4	-4	3.79	3.79	3.78	3.74	3.71
	-1.3	-2	3.92	3.91	3.90	3.82	3.75
	0.8	0	4.13	4.07	4.02	3.87	3.73
	3.9	3	4.48	4.32	4.16	3.93	3.70
	7.0	6	4.90	4.58	4.26	3.96	3.66
	10.1	9	4.87	4.56	4.24	3.94	3.63
	13.2	12	4.84	4.53	4.22	3.91	3.60
	16.9	15.5	4.80	4.49	4.18	3.87	3.56

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PFA004Z045

Model **FDE112KXZE1** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			9.18	7.09	10.97	8.02	11.87	8.23	12.63	8.37	14.15	9.02	14.69	8.78
	12			9.18	7.09	10.97	8.02	11.87	8.23	12.61	8.36	14.10	9.00	14.63	8.75
	14			9.18	7.09	10.97	8.02	11.87	8.23	12.60	8.34	14.05	8.97	14.56	8.72
	16			9.18	7.09	10.97	8.02	11.87	8.23	12.58	8.33	14.00	8.96	14.50	8.71
	18			9.18	7.09	10.97	8.02	11.87	8.23	12.56	8.33	13.94	8.94	14.44	8.64
P-Hi	20			9.18	7.09	10.97	8.02	11.87	8.23	12.55	8.32	13.89	8.92	14.37	8.62
	22			9.17	7.08	10.97	8.02	11.87	8.23	12.49	8.30	13.72	8.85	14.18	8.56
28	24			9.15	7.07	10.97	8.02	11.87	8.23	12.43	8.28	13.54	8.74	13.98	8.50
(m³/min)	26			9.15	7.07	10.92	8.00	11.76	8.19	12.28	8.21	13.33	8.67	13.77	8.44
	28	8.29	6.97	9.14	7.07	10.86	7.98	11.65	8.15	12.14	8.15	13.11	8.60	13.55	8.36
	30	8.29	6.97	9.12	7.06	10.78	7.94	11.54	8.06	12.00	8.09	12.91	8.52	13.35	8.28
	32	8.29	6.97	9.09	7.05	10.70	7.91	11.42	8.02	11.85	8.00	12.71	8.44	13.15	8.20
	34	8.29	6.97	9.06	7.04	10.66	7.89	11.27	7.96	11.66	7.93	12.45	8.34	12.87	8.11
	35	8.29	6.97	9.05	7.03	10.64	7.88	11.20	7.93	11.57	7.90	12.31	8.29	12.74	8.07
	36	8.29	6.97	9.04	7.03	10.56	7.85	11.14	7.91	11.46	7.86	12.09	8.20	12.49	7.98
	38	8.29	6.97	9.02	7.02	10.40	7.77	11.03	7.87	11.24	7.78	11.65	8.03	12.00	7.80
	39	8.29	6.97	9.00	7.01	10.32	7.74	10.98	7.85	11.13	7.73	11.43	7.94	11.75	7.68
	41	8.29	6.97	8.97	7.00	10.01	7.61	10.53	7.66	10.66	7.54	10.92	7.73	11.20	7.52
	43	8.29	6.97	8.94	6.99	9.70	7.47	10.08	7.46	10.19	7.35	10.41	7.57	10.65	7.34

Heating mode (kW)

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	7.25	7.25	7.25	7.25	7.25
	-17.8	-18	7.72	7.72	7.72	7.72	7.72
	-15.7	-16	8.18	8.18	8.18	8.18	8.18
	-13.7	-14	8.65	8.65	8.65	8.65	8.65
	-11.7	-12	9.12	9.12	9.12	9.12	9.12
P-Hi	-9.6	-10	9.58	9.58	9.58	9.58	9.58
	-7.5	-8	10.17	10.17	10.17	10.17	10.17
28	-5.5	-6	10.75	10.75	10.75	10.75	10.75
(m³/min)	-3.4	-4	11.13	11.11	11.09	10.98	10.88
	-1.3	-2	11.50	11.47	11.44	11.22	11.00
	0.8	0	12.13	11.95	11.78	11.36	10.94
	3.9	3	13.16	12.69	12.22	11.53	10.84
	7.0	6	14.38	13.44	12.50	11.63	10.75
	10.1	9	14.28	13.37	12.45	11.55	10.66
	13.2	12	14.19	13.28	12.38	11.47	10.56
	16.9	15.5	14.08	13.17	12.27	11.36	10.45

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			8.43	6.45	10.07	7.31	10.90	7.50	11.59	7.61	12.99	8.21	13.48	7.99
	12			8.43	6.45	10.07	7.31	10.90	7.50	11.58	7.61	12.94	8.20	13.43	7.97
	14			8.43	6.45	10.07	7.31	10.90	7.50	11.56	7.60	12.89	8.18	13.37	7.94
	16			8.43	6.45	10.07	7.31	10.90	7.50	11.55	7.60	12.85	8.15	13.31	7.92
	18			8.43	6.45	10.07	7.31	10.90	7.50	11.53	7.59	12.80	8.14	13.25	7.90
Hi	20			8.43	6.45	10.07	7.31	10.90	7.50	11.52	7.59	12.75	8.12	13.19	7.87
	22			8.41	6.44	10.07	7.31	10.90	7.50	11.46	7.56	12.59	8.05	13.01	7.82
25	24			8.40	6.44	10.07	7.31	10.90	7.50	11.41	7.53	12.43	7.98	12.83	7.75
(m³/min)	26			8.40	6.44	10.02	7.29	10.79	7.46	11.27	7.48	12.23	7.90	12.64	7.68
	28	7.61	6.34	8.39	6.43	9.97	7.27	10.69	7.41	11.14	7.42	12.04	7.83	12.44	7.60
	30	7.61	6.34	8.37	6.43	9.89	7.22	10.59	7.37	11.01	7.36	11.85	7.75	12.25	7.53
	32	7.61	6.34	8.35	6.42	9.82	7.20	10.49	7.32	10.88	7.31	11.67	7.68	12.07	7.43
	34	7.61	6.34	8.32	6.40	9.78	7.18	10.35	7.27	10.71	7.24	11.42	7.55	11.82	7.36
	35	7.61	6.34	8.31	6.40	9.77	7.18	10.28	7.23	10.62	7.21	11.30	7.51	11.69	7.32
	36	7.61	6.34	8.30	6.40	9.69	7.14	10.23	7.21	10.52	7.16	11.10	7.45	11.47	7.25
	38	7.61	6.34	8.28	6.39	9.55	7.08	10.13	7.17	10.31	7.07	10.69	7.30	11.01	7.09
	39	7.61	6.34	8.27	6.38	9.47	7.05	10.07	7.14	10.21	7.03	10.49	7.22	10.78	7.01
	41	7.61	6.34	8.24	6.37	9.19	6.90	9.66	6.96	9.78	6.83	10.02	7.05	10.28	6.84
	43	7.61	6.34	8.21	6.35	8.90	6.79	9.25	6.78	9.35	6.68	9.56	6.88	9.77	6.66

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	6.55	6.55	6.55	6.55	6.55
	-17.8	-18	6.97	6.97	6.97	6.97	6.97
	-15.7	-16	7.39	7.39	7.39	7.39	7.39
	-13.7	-14	7.81	7.81	7.81	7.81	7.81
	-11.7	-12	8.23	8.23	8.23	8.23	8.23
Hi	-9.6	-10	8.65	8.65	8.65	8.65	8.65
	-7.5	-8	9.18	9.18	9.18	9.18	9.18
25	-5.5	-6	9.71	9.71	9.71	9.71	9.71
(m³/min)	-3.4	-4	10.05	10.03	10.02	9.92	9.82
	-1.3	-2	10.38	10.36	10.33	10.13	9.93
	0.8	0	10.95	10.79	10.64	10.26	9.88
	3.9	3	11.88	11.46	11.03	10.41	9.79
	7.0	6	12.98	12.13	11.29	10.50	9.71
	10.1	9	12.89	12.07	11.24	10.43	9.62
	13.2	12	12.81	11.99	11.17	10.36	9.54
	16.9	15.5	12.71	11.89	11.07	10.26	9.44

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			7.34	5.56	8.77	6.29	9.49	6.47	10.09	6.57	11.31	7.08	11.74	6.89
	12			7.34	5.56	8.77	6.29	9.49	6.47	10.08	6.56	11.27	7.07	11.69	6.87
	14			7.34	5.56	8.77	6.29	9.49	6.47	10.07	6.56	11.23	7.05	11.64	6.84
	16			7.34	5.56	8.77	6.29	9.49	6.47	10.05	6.55	11.18	7.03	11.59	6.83
	18			7.34	5.56	8.77	6.29	9.49	6.47	10.04	6.54	11.14	7.01	11.54	6.81
Me	20			7.34	5.56	8.77	6.29	9.49	6.47	10.03	6.54	11.10	7.00	11.49	6.80
	22			7.33	5.55	8.77	6.29	9.49	6.47	9.98	6.52	10.96	6.94	11.33	6.73
21	24			7.32	5.55	8.76	6.28	9.49	6.47	9.93	6.50	10.82	6.88	11.17	6.67
(m³/min)	26			7.31	5.54	8.72	6.27	9.40	6.43	9.82	6.45	10.65	6.81	11.00	6.59
	28	6.62	5.45	7.30	5.54	8.68	6.25	9.31	6.39	9.70	6.40	10.48	6.72	10.83	6.53
	30	6.62	5.45	7.29	5.53	8.62	6.23	9.22	6.35	9.59	6.36	10.32	6.67	10.67	6.48
	32	6.62	5.45	7.27	5.53	8.55	6.20	9.13	6.31	9.47	6.30	10.16	6.61	10.51	6.42
	34	6.62	5.45	7.24	5.51	8.52	6.19	9.01	6.24	9.32	6.21	9.95	6.53	10.29	6.35
	35	6.62	5.45	7.23	5.51	8.50	6.18	8.95	6.22	9.25	6.19	9.84	6.49	10.18	6.31
	36	6.62	5.45	7.22	5.50	8.44	6.15	8.91	6.20	9.16	6.16	9.66	6.42	9.98	6.24
	38	6.62	5.45	7.21	5.50	8.31	6.09	8.82	6.17	8.98	6.09	9.31	6.28	9.59	6.10
	39	6.62	5.45	7.20	5.50	8.25	6.07	8.77	6.15	8.89	6.06	9.13	6.21	9.39	6.03
	41	6.62	5.45	7.17	5.48	8.00	5.95	8.41	5.99	8.52	5.90	8.73	6.06	8.95	5.85
	43	6.62	5.45	7.15	5.47	7.75	5.84	8.06	5.85	8.14	5.74	8.32	5.89	8.51	5.72

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	5.58	5.58	5.58	5.58	5.58
	-17.8	-18	5.93	5.93	5.93	5.93	5.93
	-15.7	-16	6.29	6.29	6.29	6.29	6.29
	-13.7	-14	6.65	6.65	6.65	6.65	6.65
	-11.7	-12	7.01	7.01	7.01	7.01	7.01
Me	-9.6	-10	7.37	7.37	7.37	7.37	7.37
	-7.5	-8	7.82	7.82	7.82	7.82	7.82
21	-5.5	-6	8.27	8.27	8.27	8.27	8.27
(m³/min)	-3.4	-4	8.56	8.54	8.53	8.45	8.36
	-1.3	-2	8.84	8.82	8.80	8.63	8.46
	0.8	0	9.32	9.19	9.06	8.74	8.41
	3.9	3	10.12	9.76	9.40	8.87	8.34
	7.0	6	11.05	10.33	9.61	8.94	8.27
	10.1	9	10.98	10.28	9.58	8.89	8.20
	13.2	12	10.91	10.21	9.52	8.82	8.12
	16.9	15.5	10.83	10.13	9.43	8.74	8.04

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
	10			6.00	4.49	7.17	5.09	7.76	5.23	8.25	5.32	9.25	5.74	9.60	5.57
	12			6.00	4.49	7.17	5.09	7.76	5.23	8.24	5.31	9.21	5.72	9.56	5.55
	14			6.00	4.49	7.17	5.09	7.76	5.23	8.23	5.31	9.18	5.70	9.52	5.54
	16			6.00	4.49	7.17	5.09	7.76	5.23	8.22	5.30	9.15	5.69	9.48	5.53
	18			6.00	4.49	7.17	5.09	7.76	5.23	8.21	5.30	9.11	5.68	9.43	5.48
Lo	20			6.00	4.49	7.17	5.09	7.76	5.23	8.20	5.30	9.08	5.67	9.39	5.47
	22			5.99	4.49	7.17	5.09	7.76	5.23	8.16	5.28	8.96	5.62	9.27	5.43
16.5	24			5.98	4.48	7.17	5.09	7.76	5.23	8.12	5.26	8.85	5.55	9.14	5.39
(m³/min)	26			5.98	4.48	7.13	5.08	7.68	5.20	8.03	5.21	8.71	5.50	9.00	5.34
	28	5.42	4.41	5.97	4.48	7.10	5.06	7.61	5.17	7.93	5.17	8.57	5.46	8.86	5.29
	30	5.42	4.41	5.96	4.47	7.04	5.03	7.54	5.13	7.84	5.14	8.44	5.40	8.72	5.23
	32	5.42	4.41	5.94	4.47	6.99	5.01	7.47	5.10	7.75	5.09	8.31	5.35	8.59	5.18
	34	5.42	4.41	5.92	4.46	6.97	5.00	7.37	5.06	7.62	5.04	8.13	5.27	8.41	5.12
	35	5.42	4.41	5.91	4.45	6.95	4.99	7.32	5.04	7.56	5.01	8.05	5.24	8.32	5.09
	36	5.42	4.41	5.91	4.45	6.90	4.97	7.28	5.02	7.49	4.99	7.90	5.18	8.16	5.03
	38	5.42	4.41	5.89	4.44	6.80	4.92	7.21	4.99	7.34	4.92	7.61	5.07	7.84	4.90
	39	5.42	4.41	5.88	4.43	6.74	4.90	7.17	4.97	7.27	4.89	7.47	4.99	7.68	4.85
	41	5.42	4.41	5.86	4.42	6.54	4.81	6.88	4.84	6.97	4.76	7.14	4.88	7.32	4.73
	43	5.42	4.41	5.84	4.42	6.34	4.71	6.59	4.72	6.66	4.64	6.80	4.76	6.96	4.60

Air flow	Outdoor air temperature		Indoor air temperature				
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	4.45	4.45	4.45	4.45	4.45
	-17.8	-18	4.73	4.73	4.73	4.73	4.73
	-15.7	-16	5.02	5.02	5.02	5.02	5.02
	-13.7	-14	5.30	5.30	5.30	5.30	5.30
	-11.7	-12	5.59	5.59	5.59	5.59	5.59
Lo	-9.6	-10	5.88	5.88	5.88	5.88	5.88
	-7.5	-8	6.23	6.23	6.23	6.23	6.23
16.5	-5.5	-6	6.59	6.59	6.59	6.59	6.59
(m³/min)	-3.4	-4	6.82	6.81	6.80	6.74	6.67
	-1.3	-2	7.05	7.03	7.01	6.88	6.75
	0.8	0	7.44	7.33	7.22	6.97	6.71
	3.9	3	8.07	7.78	7.49	7.07	6.65
	7.0	6	8.82	8.24	7.67	7.13	6.59
	10.1	9	8.76	8.20	7.64	7.09	6.54
	13.2	12	8.70	8.14	7.59	7.03	6.48
	16.9	15.5	8.63	8.08	7.52	6.97	6.41

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

PFA004Z045

Model FDE140KXZE1 Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	SHC	23 °CDB 16 °CWB TC	SHC	26 °CDB 18 °CWB TC	SHC	27 °CDB 19 °CWB TC	SHC	28 °CDB 20 °CWB TC	SHC	31 °CDB 22 °CWB TC	SHC	33 °CDB 24 °CWB TC	SHC
	10			11.48	8.74	13.72	9.90	14.84	10.16	15.79	10.32	17.69	11.11	18.36	10.82
	12			11.48	8.74	13.72	9.90	14.84	10.16	15.77	10.31	17.62	11.09	18.28	10.79
	14			11.48	8.74	13.72	9.90	14.84	10.16	15.75	10.31	17.56	11.07	18.20	10.75
	16			11.48	8.74	13.72	9.90	14.84	10.16	15.72	10.28	17.49	11.04	18.13	10.72
	18			11.48	8.74	13.72	9.90	14.84	10.16	15.70	10.27	17.43	11.02	18.05	10.70
P-Hi	20			11.48	8.74	13.72	9.90	14.84	10.16	15.68	10.26	17.37	11.00	17.97	10.67
	22			11.46	8.73	13.71	9.90	14.84	10.16	15.61	10.24	17.15	10.90	17.72	10.57
32	24			11.44	8.72	13.71	9.90	14.84	10.16	15.54	10.21	16.93	10.81	17.48	10.48
(m³/min)	26			11.43	8.72	13.64	9.85	14.70	10.10	15.35	10.12	16.66	10.71	17.21	10.39
	28	10.36	8.58	11.42	8.72	13.58	9.83	14.56	10.03	15.17	10.05	16.39	10.60	16.94	10.29
	30	10.36	8.58	11.40	8.71	13.48	9.79	14.42	9.97	14.99	9.97	16.14	10.49	16.69	10.19
	32	10.36	8.58	11.37	8.68	13.37	9.74	14.28	9.90	14.82	9.90	15.89	10.39	16.43	10.10
	34	10.36	8.58	11.33	8.66	13.32	9.72	14.09	9.83	14.58	9.79	15.56	10.27	16.09	9.98
	35	10.36	8.58	11.31	8.65	13.30	9.71	14.00	9.79	14.46	9.75	15.39	10.19	15.92	9.90
	36	10.36	8.58	11.30	8.65	13.20	9.66	13.93	9.75	14.32	9.69	15.11	10.08	15.61	9.81
	38	10.36	8.58	11.27	8.64	13.00	9.55	13.79	9.69	14.05	9.58	14.56	9.84	15.00	9.56
	39	10.36	8.58	11.26	8.63	12.90	9.51	13.72	9.67	13.91	9.52	14.28	9.74	14.69	9.47
	41	10.36	8.58	11.22	8.61	12.51	9.35	13.16	9.40	13.32	9.25	13.65	9.53	14.00	9.24
	43	10.36	8.58	11.18	8.60	12.13	9.19	12.60	9.18	12.74	9.04	13.02	9.30	13.31	9.00

Heating mode (kW)

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	9.28	9.28	9.28	9.28	9.28
	-17.8	-18	9.88	9.88	9.88	9.88	9.88
	-15.7	-16	10.47	10.47	10.47	10.47	10.47
	-13.7	-14	11.07	11.07	11.07	11.07	11.07
	-11.7	-12	11.67	11.67	11.67	11.67	11.67
P-Hi	-9.6	-10	12.27	12.27	12.27	12.27	12.27
	-7.5	-8	13.01	13.01	13.01	13.01	13.01
32	-5.5	-6	13.76	13.76	13.76	13.76	13.76
(m³/min)	-3.4	-4	14.24	14.22	14.20	14.06	13.92
	-1.3	-2	14.72	14.68	14.64	14.36	14.08
	0.8	0	15.52	15.30	15.08	14.54	14.00
	3.9	3	16.84	16.24	15.64	14.76	13.88
	7.0	6	18.40	17.20	16.00	14.88	13.76
	10.1	9	18.28	17.11	15.94	14.79	13.64
	13.2	12	18.16	17.00	15.84	14.68	13.52
	16.9	15.5	18.02	16.86	15.70	14.54	13.38

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	SHC	23 °CDB 16 °CWB TC	SHC	26 °CDB 18 °CWB TC	SHC	27 °CDB 19 °CWB TC	SHC	28 °CDB 20 °CWB TC	SHC	31 °CDB 22 °CWB TC	SHC	33 °CDB 24 °CWB TC	SHC
	10			9.86	7.37	11.78	8.35	12.75	8.59	13.56	8.73	15.19	9.41	15.77	9.14
	12			9.86	7.37	11.78	8.35	12.75	8.59	13.54	8.72	15.14	9.39	15.70	9.11
	14			9.86	7.37	11.78	8.35	12.75	8.59	13.52	8.71	15.08	9.37	15.64	9.09
	16			9.86	7.37	11.78	8.35	12.75	8.59	13.51	8.71	15.03	9.35	15.57	9.07
	18			9.86	7.37	11.78	8.35	12.75	8.59	13.49	8.70	14.97	9.31	15.50	9.03
Hi	20			9.86	7.37	11.78	8.35	12.75	8.59	13.47	8.69	14.92	9.29	15.43	9.01
	22			9.84	7.37	11.78	8.35	12.75	8.59	13.41	8.67	14.73	9.21	15.22	8.93
26	24			9.83	7.36	11.77	8.34	12.75	8.59	13.34	8.63	14.54	9.14	15.01	8.85
(m³/min)	26			9.82	7.36	11.72	8.32	12.63	8.54	13.19	8.57	14.31	9.04	14.78	8.76
	28	8.90	7.24	9.81	7.35	11.66	8.30	12.51	8.48	13.03	8.49	14.08	8.94	14.55	8.67
	30	8.90	7.24	9.79	7.34	11.57	8.26	12.39	8.43	12.88	8.43	13.87	8.85	14.33	8.59
	32	8.90	7.24	9.76	7.33	11.48	8.22	12.27	8.35	12.73	8.36	13.65	8.78	14.11	8.52
	34	8.90	7.24	9.73	7.32	11.44	8.21	12.11	8.29	12.52	8.26	13.36	8.66	13.82	8.38
	35	8.90	7.24	9.72	7.31	11.42	8.20	12.03	8.25	12.42	8.22	13.22	8.57	13.68	8.33
	36	8.90	7.24	9.70	7.29	11.34	8.15	11.96	8.23	12.30	8.17	12.98	8.48	13.41	8.25
	38	8.90	7.24	9.68	7.28	11.17	8.08	11.84	8.18	12.07	8.08	12.51	8.32	12.88	8.06
	39	8.90	7.24	9.67	7.28	11.08	8.04	11.78	8.16	11.95	8.03	12.27	8.22	12.62	7.98
	41	8.90	7.24	9.63	7.26	10.75	7.89	11.30	7.95	11.44	7.81	11.72	8.01	12.02	7.76
	43	8.90	7.24	9.60	7.25	10.42	7.75	10.82	7.74	10.94	7.61	11.18	7.81	11.43	7.56

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	7.71	7.71	7.71	7.71	7.71
	-17.8	-18	8.21	8.21	8.21	8.21	8.21
	-15.7	-16	8.71	8.71	8.71	8.71	8.71
	-13.7	-14	9.20	9.20	9.20	9.20	9.20
	-11.7	-12	9.70	9.70	9.70	9.70	9.70
Hi	-9.6	-10	10.20	10.20	10.20	10.20	10.20
	-7.5	-8	10.82	10.82	10.82	10.82	10.82
26	-5.5	-6	11.44	11.44	11.44	11.44	11.44
(m³/min)	-3.4	-4	11.84	11.82	11.80	11.69	11.57
	-1.3	-2	12.24	12.20	12.17	11.94	11.70
	0.8	0	12.90	12.72	12.54	12.09	11.64
	3.9	3	14.00	13.50	13.00	12.27	11.54
	7.0	6	15.30	14.30	13.30	12.37	11.44
	10.1	9	15.20	14.22	13.25	12.29	11.34
	13.2	12	15.10	14.13	13.17	12.20	11.24
	16.9	15.5	14.98	14.02	13.05	12.09	11.12

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	SHC	23 °CDB 16 °CWB TC	SHC	26 °CDB 18 °CWB TC	SHC	27 °CDB 19 °CWB TC	SHC	28 °CDB 20 °CWB TC	SHC	31 °CDB 22 °CWB TC	SHC	33 °CDB 24 °CWB TC	SHC
	10			8.96	6.65	10.71	7.54	11.59	7.75	12.33	7.89	13.81	8.49	14.34	8.22
	12			8.96	6.65	10.71	7.54	11.59	7.75	12.31	7.87	13.76	8.47	14.28	8.20
	14			8.96	6.65	10.71	7.54	11.59	7.75	12.30	7.86	13.71	8.45	14.22	8.18
	16			8.96	6.65	10.71	7.54	11.59	7.75	12.28	7.85	13.66	8.44	14.16	8.16
	18			8.96	6.65	10.71	7.54	11.59	7.75	12.26	7.85	13.61	8.40	14.09	8.14
Me	20			8.96	6.65	10.71	7.54	11.59	7.75	12.25	7.84	13.56	8.36	14.03	8.12
	22			8.95	6.64	10.71	7.54	11.59	7.75	12.19	7.82	13.39	8.30	13.84	8.05
23	24			8.94	6.64	10.71	7.54	11.59	7.75	12.13	7.80	13.22	8.24	13.65	7.97
(m³/min)	26			8.93	6.63	10.66	7.52	11.48	7.70	11.99	7.73	13.01	8.16	13.44	7.90
	28	8.09	6.52	8.92	6.63	10.61	7.49	11.37	7.65	11.85	7.67	12.80	8.07	13.23	7.82
	30	8.09	6.52	8.90	6.62	10.52	7.46	11.26	7.60	11.71	7.60	12.61	7.99	13.03	7.74
	32	8.09	6.52	8.88	6.60	10.44	7.41	11.15	7.55	11.57	7.55	12.41	7.90	12.83	7.68
	34	8.09	6.52	8.85	6.59	10.41	7.40	11.01	7.48	11.39	7.47	12.15	7.80	12.57	7.58
	35	8.09	6.52	8.83	6.58	10.39	7.39	10.93	7.45	11.30	7.43	12.02	7.75	12.44	7.52
	36	8.09	6.52	8.82	6.58	10.31	7.36	10.88	7.43	11.19	7.38	11.80	7.66	12.19	7.43
	38	8.09	6.52	8.80	6.57	10.15	7.28	10.77	7.38	10.97	7.28	11.37	7.49	11.71	7.26
	39	8.09	6.52	8.79	6.56	10.07	7.24	10.72	7.35	10.86	7.24	11.16	7.40	11.47	7.15
	41	8.09	6.52	8.76	6.55	9.77	7.10	10.28	7.14	10.41	7.03	10.66	7.19	10.93	6.97
	43	8.09	6.52	8.73	6.54	9.47	6.97	9.84	6.97	9.95	6.85	10.16	7.02	10.39	6.79

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	6.90	6.90	6.90	6.90	6.90
	-17.8	-18	7.34	7.34	7.34	7.34	7.34
	-15.7	-16	7.79	7.79	7.79	7.79	7.79
	-13.7	-14	8.23	8.23	8.23	8.23	8.23
	-11.7	-12	8.67	8.67	8.67	8.67	8.67
Me	-9.6	-10	9.12	9.12	9.12	9.12	9.12
	-7.5	-8	9.67	9.67	9.67	9.67	9.67
23	-5.5	-6	10.23	10.23	10.23	10.23	10.23
(m³/min)	-3.4	-4	10.58	10.57	10.55	10.45	10.35
	-1.3	-2	10.94	10.91	10.88	10.67	10.47
	0.8	0	11.54	11.37	11.21	10.81	10.41
	3.9	3	12.52	12.07	11.62	10.97	10.32
	7.0	6	13.68	12.78	11.89	11.06	10.23
	10.1	9	13.59	12.72	11.85	10.99	10.14
	13.2	12	13.50	12.64	11.77	10.91	10.05
	16.9	15.5	13.39	12.53	11.67	10.81	9.94

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature 21 °CDB 14 °CWB TC	SHC	23 °CDB 16 °CWB TC	SHC	26 °CDB 18 °CWB TC	SHC	27 °CDB 19 °CWB TC	SHC	28 °CDB 20 °CWB TC	SHC	31 °CDB 22 °CWB TC	SHC	33 °CDB 24 °CWB TC	SHC
	10			6.99	5.10	8.35	5.79	9.03	5.96	9.61	6.06	10.77	6.53	11.18	6.35
	12			6.99	5.10	8.35	5.79	9.03	5.96	9.60	6.06	10.73	6.51	11.13	6.33
	14			6.99	5.10	8.35	5.79	9.03	5.96	9.59	6.05	10.69	6.50	11.08	6.30
	16			6.99	5.10	8.35	5.79	9.03	5.96	9.57	6.05	10.65	6.48	11.03	6.28
	18			6.99	5.10	8.35	5.79	9.03	5.96	9.56	6.04	10.61	6.47	10.99	6.27
Lo	20			6.99	5.10	8.35	5.79	9.03	5.96	9.55	6.04	10.57	6.45	10.94	6.25
	22			6.98	5.10	8.35	5.79	9.03	5.96	9.50	6.02	10.44	6.39	10.79	6.19
17	24			6.97	5.09	8.34	5.78	9.03	5.96	9.46	5.99	10.30	6.33	10.64	6.13
(m³/min)	26			6.96	5.09	8.31	5.77	8.95	5.92	9.35	5.95	10.14	6.26	10.48	6.06
	28	6.31	5.01	6.95	5.08	8.27	5.75	8.86	5.88	9.24	5.89	9.98	6.19	10.31	6.00
	30	6.31	5.01	6.94	5.08	8.20	5.72	8.78	5.84	9.13	5.85	9.83	6.14	10.16	5.95
	32	6.31	5.01	6.92	5.07	8.14	5.69	8.69	5.79	9.02	5.80	9.67	6.07	10.00	5.88
	34	6.31	5.01	6.90	5.06	8.11	5.68	8.58	5.74	8.88	5.72	9.47	5.98	9.80	5.81
	35	6.31	5.01	6.89	5.05	8.10	5.68	8.52	5.72	8.80	5.69	9.37	5.94	9.69	5.76
	36	6.31	5.01	6.88	5.05	8.04	5.64	8.48	5.70	8.72	5.66	9.20	5.88	9.51	5.68
	38	6.31	5.01	6.86	5.04	7.91	5.59	8.39	5.66	8.55	5.59	8.86	5.73	9.13	5.55
	39	6.31	5.01	6.85	5.04	7.85	5.55	8.35	5.65	8.47	5.56	8.70	5.67	8.94	5.48
	41	6.31	5.01	6.83	5.03	7.62	5.45	8.01	5.49	8.11	5.40	8.31	5.52	8.52	5.34
	43	6.31	5.01	6.80	5.01	7.38	5.34	7.67	5.34	7.75	5.24	7.92	5.36	8.10	5.18

Air flow	Outdoor air temperature °CDB	°CWB	Indoor air temperature 16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
	-19.8	-20	5.20	5.20	5.20	5.20	5.20
	-17.8	-18	5.54	5.54	5.54	5.54	5.54
	-15.7	-16	5.87	5.87	5.87	5.87	5.87
	-13.7	-14	6.21	6.21	6.21	6.21	6.21
	-11.7	-12	6.54	6.54	6.54	6.54	6.54
Lo	-9.6	-10	6.88	6.88	6.88	6.88	6.88
	-7.5	-8	7.29	7.29	7.29	7.29	7.29
17	-5.5	-6	7.71	7.71	7.71	7.71	7.71
(m³/min)	-3.4	-4	7.98	7.97	7.96	7.88	7.80
	-1.3	-2	8.25	8.23	8.21	8.05	7.89
	0.8	0	8.70	8.58	8.45	8.15	7.85
	3.9	3	9.44	9.10	8.77	8.27	7.78
	7.0	6	10.31	9.64	8.97	8.34	7.71
	10.1	9	10.25	9.59	8.94	8.29	7.65
	13.2	12	10.18	9.53	8.88	8.23	7.58
	16.9	15.5	10.10	9.45	8.80	8.15	7.50

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

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(10) Outdoor air processing unit (FDU-F)

Model **FDU650FKXZE1** Cooling mode (kW)

Air flow (m^3/min)	Outdoor air temperature	15℃WB		20℃WB		25℃WB		28℃WB		30℃WB		32℃WB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
11	20℃CDB	2.70	2.70										
	25℃CDB	2.70	2.70	3.91	2.32								
	30℃CDB	3.67	3.67	3.90	3.38	6.94	2.96	9.07	2.67				
	35℃CDB	4.59	4.59	4.60	4.60	6.83	3.97	8.94	3.68	10.48	3.47	12.13	3.24
	40℃CDB	5.49	5.49	5.50	5.50	6.75	4.97	8.81	4.67	10.34	4.45	11.97	4.22
13	20℃CDB	2.88	2.88										
	25℃CDB	2.88	2.88	4.15	2.48								
	30℃CDB	3.92	3.92	4.13	3.61	7.35	3.13	9.61	2.81				
	35℃CDB	4.92	4.92	4.92	4.92	7.24	4.23	9.48	3.90	11.11	3.67	12.80	3.41
	40℃CDB	5.88	5.88	5.89	5.89	7.16	5.29	9.34	4.97	10.96	4.72	12.69	4.47
15	20℃CDB	3.10	3.10										
	25℃CDB	3.10	3.10	4.40	2.65								
	30℃CDB	4.20	4.20	4.39	3.87	7.80	3.34	10.16	2.99				
	35℃CDB	5.26	5.26	5.27	5.27	7.68	4.52	10.01	4.16	11.74	3.90	13.59	3.61
	40℃CDB	6.29	6.29	6.30	6.30	7.60	5.69	9.92	5.30	11.58	5.03	13.41	4.75

Heating mode (kW)

Air flow (m^3/min)	Outdoor air temperature	-10℃WB	-5℃WB	0℃WB	4℃WB	8℃WB	12℃WB
11	-10℃CDB	8.10					
	-5℃CDB	7.30	7.30				
	0℃CDB	6.49	6.50	6.50			
	4℃CDB	5.50	5.50	5.51	5.51		
	8℃CDB	4.53	4.53	4.53	4.54	4.54	
	12℃CDB	3.58	3.58	3.58	3.59	3.59	3.59
	16℃CDB	2.50	2.50	2.50	2.50	2.50	2.50
	20℃CDB	1.54	1.54	1.54	1.54	1.54	1.54
13	-10℃CDB	8.62					
	-5℃CDB	7.77	7.77				
	0℃CDB	6.91	6.91	6.92			
	4℃CDB	5.85	5.85	5.86	5.86		
	8℃CDB	4.82	4.82	4.82	4.83	4.83	
	12℃CDB	3.81	3.81	3.81	3.82	3.82	3.82
	16℃CDB	2.66	2.66	2.66	2.66	2.66	2.66
	20℃CDB	1.70	1.71	1.71	1.71	1.71	1.71
15	-10℃CDB	9.10					
	-5℃CDB	8.21	8.21				
	0℃CDB	7.30	7.30	7.31			
	4℃CDB	6.18	6.18	6.19	6.19		
	8℃CDB	5.09	5.09	5.10	5.10	5.10	
	12℃CDB	4.02	4.03	4.03	3.06	4.03	4.04
	16℃CDB	2.81	2.81	2.81	2.81	2.81	2.81
	20℃CDB	1.83	1.82	1.83	1.83	1.83	1.83

Notes(1) These data show average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC :Total cooling capacity (kW)
SHC :Sensible heat capacity (kW)
(3) When outdoor air temperature is -5℃CDB－-10℃CDB in heating, the supply air temperature become 10℃ or lower for 5－10minutes after the defrost operation.

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Model **FDU1100FKXZE1** Cooling mode (kW)

Air flow (m^3/min)	Outdoor air temperature	15℃WB		20℃WB		25℃WB		28℃WB		30℃WB		32℃WB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
18	20℃CDB	3.84	3.84										
	25℃CDB	3.84	3.84	5.31	3.13								
	30℃CDB	4.95	4.95	5.30	4.97	10.16	3.73	13.63	2.87				
	35℃CDB	6.85	6.85	6.86	6.86	10.00	5.53	13.42	4.67	15.92	4.04	18.62	3.36
	40℃CDB	8.27	8.27	8.28	8.28	9.90	7.30	13.20	6.42	15.65	5.79	18.30	5.10
20.5	20℃CDB	3.94	3.94										
	25℃CDB	3.94	3.94	5.42	3.21								
	30℃CDB	5.07	5.07	5.41	5.10	10.37	3.82	13.90	2.93				
	35℃CDB	7.02	7.02	7.03	7.03	10.20	5.67	13.68	4.78	16.24	4.12	18.99	3.43
	40℃CDB	8.48	8.48	8.49	8.49	10.10	7.48	13.46	6.58	15.97	5.93	18.67	5.21
23	20℃CDB	4.15	4.15										
	25℃CDB	4.15	4.15	5.71	3.38								
	30℃CDB	5.37	5.37	5.70	5.40	10.93	4.03	14.58	3.07				
	35℃CDB	7.43	7.43	7.44	7.44	10.75	5.97	14.42	5.04	17.03	4.34	19.92	3.60
	40℃CDB	8.97	8.97	8.99	8.99	10.64	7.92	14.12	6.93	16.75	6.25	19.58	5.49

Heating mode (kW)

Air flow (m^3/min)	Outdoor air temperature	-10℃WB	-5℃WB	0℃WB	4℃WB	8℃WB	12℃WB
18	-10℃CDB	12.90					
	-5℃CDB	11.70	11.70				
	0℃CDB	10.49	10.49	10.50			
	4℃CDB	8.88	8.89	8.89	8.90		
	8℃CDB	7.31	7.32	7.32	7.32	7.33	
	12℃CDB	5.60	5.60	5.60	5.60	5.60	5.60
	16℃CDB	3.70	3.70	3.70	3.70	3.70	3.70
	20℃CDB	2.56	2.56	2.55	2.55	2.55	2.55
20.5	-10℃CDB	13.57					
	-5℃CDB	12.31	12.31				
	0℃CDB	11.03	11.04	11.05			
	4℃CDB	9.34	9.35	9.35	9.36		
	8℃CDB	7.69	7.70	7.70	7.71	7.71	
	12℃CDB	5.89	5.89	5.89	5.89	5.89	5.89
	16℃CDB	3.89	3.89	3.89	3.89	3.89	3.89
	20℃CDB	2.67	2.67	2.67	2.67	2.66	2.66
23	-10℃CDB	14.19					
	-5℃CDB	12.87	12.87				
	0℃CDB	11.54	11.54	11.55			
	4℃CDB	9.77	9.77	9.78	9.79		
	8℃CDB	8.04	8.05	8.05	8.06	8.06	
	12℃CDB	6.16	6.16	6.16	6.16	6.16	6.16
	16℃CDB	4.07	4.07	4.07	4.07	4.07	4.07
	20℃CDB	2.77	2.77	2.77	2.77	2.77	2.77

Notes(1) These data show average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)

(2) Symbols are as follows
TC :Total cooling capacity (kW)
SHC :Sensible heat capacity (kW)

(3) At heating operation outdoor temperature -5℃CDB－-10℃CDB,a wind of 10℃ or lower in temperature is blown out for 5－10minutes when starting a outdoor air processing unit after ending a defrost operation.

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Model **FDU1800FKXZE1** Cooling mode (kW)

Air flow (m^3/min)	Outdoor air temperature	15℃WB		20℃WB		25℃WB		28℃WB		30℃WB		32℃WB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
30	20℃CDB	6.39	6.39										
	25℃CDB	6.39	6.39	9.04	5.41								
	30℃CDB	8.84	8.84	8.98	8.29	16.72	6.65	22.00	5.49				
	35℃CDB	11.19	11.19	11.21	11.21	16.46	9.44	21.69	8.28	25.44	7.42	29.42	6.48
	40℃CDB	13.36	13.36	13.38	13.38	16.00	12.11	20.99	10.90	24.56	10.01	28.35	9.05
33	20℃CDB	6.68	6.68										
	25℃CDB	6.68	6.68	9.41	5.66								
	30℃CDB	9.24	9.24	9.34	8.66	17.39	6.92	22.88	5.68				
	35℃CDB	11.70	11.70	11.71	11.71	17.12	9.87	22.56	8.61	26.33	7.72	30.44	6.71
	40℃CDB	13.97	13.97	13.98	13.98	16.64	12.65	21.72	11.39	25.42	10.41	29.34	9.41
36	20℃CDB	7.00	7.00										
	25℃CDB	7.00	7.00	9.77	5.90								
	30℃CDB	9.68	9.68	9.70	9.08	17.98	7.22	23.65	5.87				
	35℃CDB	12.26	12.26	12.27	12.27	17.69	10.29	23.32	8.94	27.22	7.97	31.47	6.93
	40℃CDB	14.57	14.57	14.59	14.59	17.20	13.20	22.45	11.82	26.28	10.81	30.19	9.72

Heating mode (kW)

Air flow (m^3/min)	Outdoor air temperature	-10℃WB	-5℃WB	0℃WB	4℃WB	8℃WB	12℃WB
30	-10℃CDB	19.90					
	-5℃CDB	17.74	17.75				
	0℃CDB	15.98	15.99	16.00			
	4℃CDB	13.53	13.54	13.55	13.56		
	8℃CDB	11.15	11.16	11.16	11.17	11.18	
	12℃CDB	8.52	8.53	8.53	8.54	8.54	8.55
	16℃CDB	6.14	6.15	6.15	6.16	6.16	6.17
	20℃CDB	4.06	4.06	4.07	4.07	4.07	4.07
33	-10℃CDB	20.70					
	-5℃CDB	18.45	18.46				
	0℃CDB	16.62	16.63	16.64			
	4℃CDB	14.07	14.08	14.09	14.10		
	8℃CDB	11.59	11.60	11.61	11.62	11.62	
	12℃CDB	8.86	8.87	8.87	8.88	8.88	8.89
	16℃CDB	6.41	6.42	6.42	6.43	6.44	6.44
	20℃CDB	4.21	4.21	4.21	4.21	4.22	4.22
36	-10℃CDB	21.42					
	-5℃CDB	19.09	19.10				
	0℃CDB	17.19	17.21	17.22			
	4℃CDB	14.56	14.57	14.58	14.59		
	8℃CDB	12.00	12.00	12.01	12.02	12.03	
	12℃CDB	9.17	9.18	9.18	9.19	9.19	9.20
	16℃CDB	6.66	6.66	6.67	6.68	6.68	6.69
	20℃CDB	4.35	4.36	4.36	4.36	4.36	4.37

Notes(1) These data show average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)

(2) Symbols are as follows
TC :Total cooling capacity (kW)
SHC :Sensible heat capacity (kW)

(3) At heating operation outdoor temperature -5℃CDB－-10℃CDB,a wind of 10℃ or lower in temperature is blown out for 5－10minutes when starting a outdoor air processing unit after ending a defrost operation.

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Model **FDU2400FKXZE1** Cooling mode (kW)

Air flow (m^3/min)	Outdoor air temperature	15℃WB		20℃WB		25℃WB		28℃WB		30℃WB		32℃WB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
40	20℃CDB	8.49	8.49										
	25℃CDB	8.49	8.49	11.57	7.11								
	30℃CDB	11.00	11.00	11.62	11.12	21.12	8.58	27.58	6.85				
	35℃CDB	14.83	14.83	14.85	14.85	20.81	12.36	27.22	10.64	31.75	9.37	36.52	8.00
	40℃CDB	17.64	17.64	17.66	17.66	20.09	15.94	26.14	14.16	30.41	12.85	34.90	11.46
43.5	20℃CDB	8.83	8.83										
	25℃CDB	8.83	8.83	11.98	7.40								
	30℃CDB	11.44	11.44	12.09	11.62	21.76	8.88	28.41	7.06				
	35℃CDB	15.43	15.43	15.45	15.45	21.44	12.85	28.03	11.02	32.70	9.65	37.62	8.24
	40℃CDB	18.34	18.34	18.36	18.36	20.70	16.58	26.92	14.65	31.17	13.30	35.77	11.80
47	20℃CDB	9.17	9.17										
	25℃CDB	9.17	9.17	12.32	7.65								
	30℃CDB	11.88	11.88	12.55	12.12	22.39	9.18	29.10	7.23				
	35℃CDB	16.02	16.02	16.04	16.04	22.06	13.28	28.71	11.39	33.50	9.94	38.53	8.44
	40℃CDB	18.96	18.96	18.98	18.98	21.30	17.13	27.57	15.22	32.08	13.75	36.64	12.20

Heating mode (kW)

Air flow (m^3/min)	Outdoor air temperature	-10℃WB	-5℃WB	0℃WB	4℃WB	8℃WB	12℃WB
40	-10℃CDB	26.26					
	-5℃CDB	23.70	23.71				
	0℃CDB	21.48	21.49	21.50			
	4℃CDB	18.19	18.20	18.21	18.22		
	8℃CDB	14.99	15.00	15.01	15.02	15.02	
	12℃CDB	11.55	11.56	11.57	11.58	11.59	11.59
	16℃CDB	7.79	7.80	7.81	7.81	7.82	7.82
	20℃CDB	5.33	5.33	5.33	5.34	5.34	5.34
43.5	-10℃CDB	27.10					
	-5℃CDB	24.46	24.47				
	0℃CDB	22.17	22.18	22.19			
	4℃CDB	18.77	18.79	18.80	18.81		
	8℃CDB	15.47	15.48	15.49	15.50	15.51	
	12℃CDB	11.92	11.93	11.94	11.95	11.96	11.97
	16℃CDB	8.04	8.05	8.06	8.06	8.07	8.07
	20℃CDB	5.50	5.50	5.51	5.51	5.51	5.52
47	-10℃CDB	27.94					
	-5℃CDB	25.22	25.23				
	0℃CDB	22.85	22.87	22.88			
	4℃CDB	19.36	19.37	19.38	19.39		
	8℃CDB	15.95	15.96	15.97	15.98	15.99	
	12℃CDB	12.29	12.30	12.31	12.32	12.33	12.34
	16℃CDB	8.32	8.30	8.31	8.31	8.32	8.32
	20℃CDB	5.77	5.78	5.78	5.79	5.79	5.79

Notes(1) These data show average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)

(2) Symbols are as follows
TC :Total cooling capacity (kW)
SHC :Sensible heat capacity (kW)

(3) At heating operation outdoor temperature -5℃CDB－-10℃CDB,a wind of 10℃ or lower in temperature is blown out for 5－10minutes when starting a outdoor air processing unit after ending a defrost operation.

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6. OPTION PARTS

6.1 Motion sensor kit

(1) FDT series (LB-T-5W-E)

PJF012D036 A

⚠ WARNING

- Connect the wiring to the PCB in the control box on the indoor unit and hold the wiring securely so as not to apply unexpected stress on the PCB.
  Loose connection or hold will cause abnormal heat generation or fire.
- Make sure the power source is turned off when electric wiring work.
  Otherwise, electric shock, malfunction and improper running may occur.

⚠ CAUTION

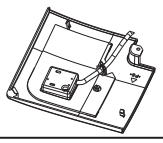
- Do not install the motion sensor kit at the following places in order to aboid malfunction.
  (1) Places exposed to direct sunlight
  (2) Places near heat devices
  (3) High humidity places
  (4) Hot surface or cold surface enough to generate condensation
  (5) Places exposed to oil mist or steam directly
  (6) Places affected by the direct air flow of the Indoor unit.
  (7) Places where the motion sensor is influenced by the fluorescent lamp or sunlight
  (8) Places where the motion sensor is affected by infrared rays of any other communication devices
  (9) Places where some object may obstruct the motion sensor
- Do not leave the motion sensor without the cover.
  In case the cover needs to be detached, protect the motion sensor with a packaging or bag in order to keep it away from water and dust.

Attention

- Instruct the customer how to operate it correctly referring to the instruction manual.
- For the installation method of the air-conditioner itself, refer to the installation manual enclosed in the package.

① Accessories

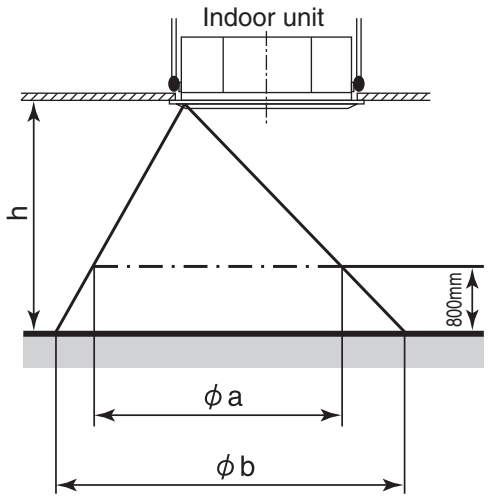
Please make sure that you have the motion sensor.

Motion sensor		1

② Installing the motion sensor

It is possible to install the motion sensor by replacing with a corner lid on the panel.

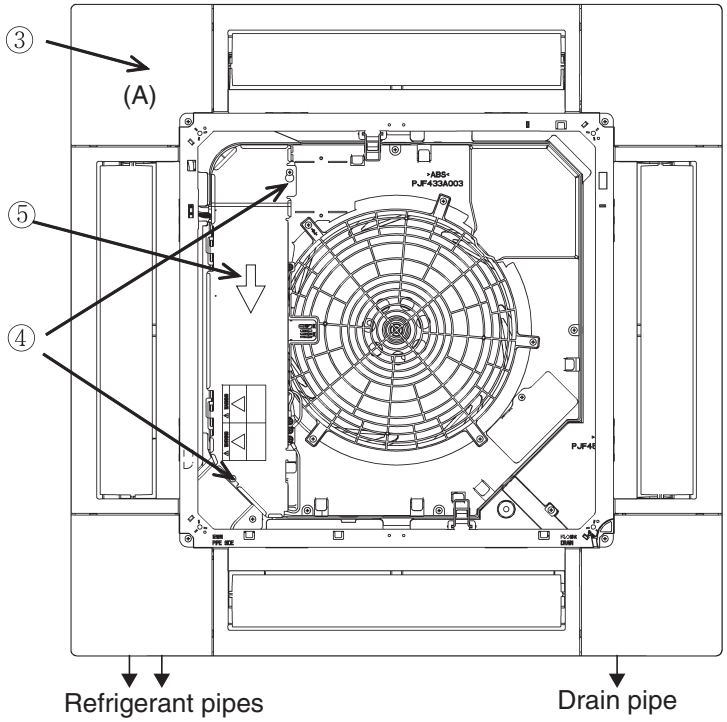
Aim of the detectable scope



Hight of the ceiling	h[m]	2.7	3.5	4.0
Detectable scope①	ϕ a[m]	about 4.5	about 6.4	about 7.6
Detectable scope②	ϕ b[m]	about 6.4	about 8.3	about 9.5

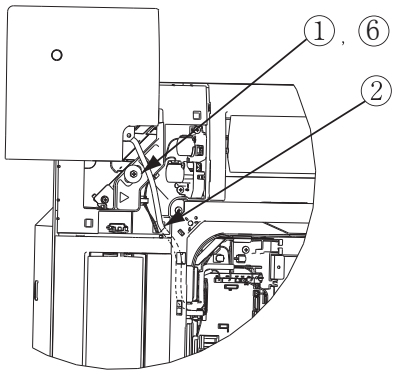
Preparation before installation

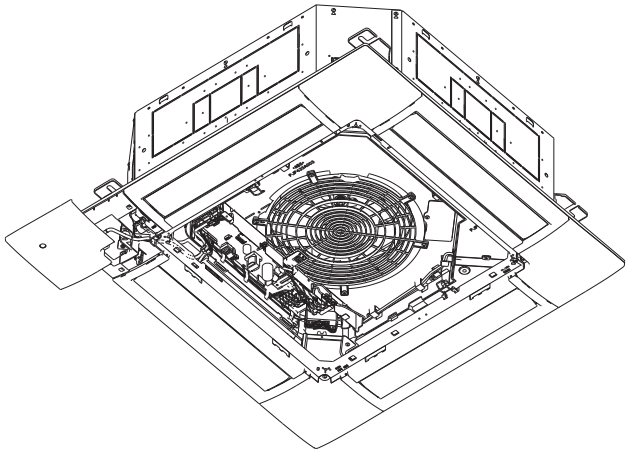
① Install the panel onto the indoor unit according to the installation manual for the panel.
② Remove the inlet grille.
③ Remove the corner lid (A) located on the panel.
④ Loosen 2 screws for the control lid. (It is unnecessury to remove the screws.)
⑤ Slide the control lid, and open and remove it.

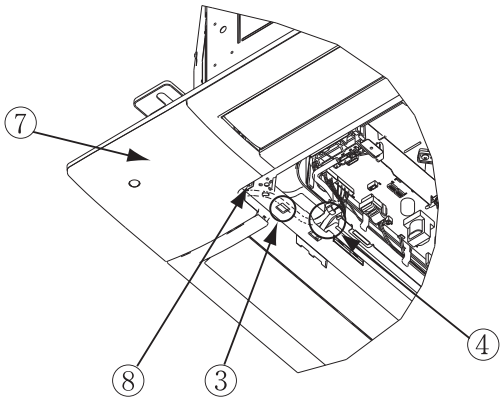


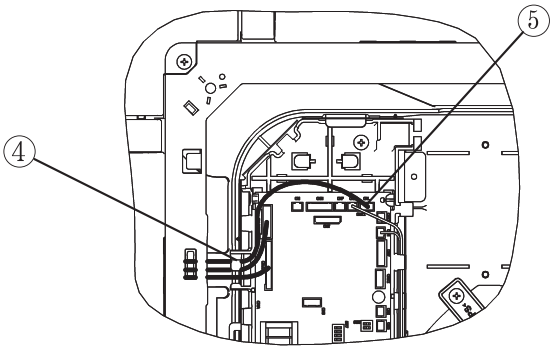
Installation of the motion sensor

① Loosen the bolts which fix the panel, and make a gap between the panel and the indoor unit.
② Pass the wiring of the motion sensor through the opening of the panel.
③ Hang the wiring on the hook which is on the panel's inside.
④ Pass the wiring through the opening of the control box.
⑤ Connect the connecter to CNL(3P,Black) on PCB in the contorl box.
⑥ Tighten the bolts which fix the panel.
⑦ Install the motion sensor on the panel.
⑧ Fix the motion sensor by the screw.
⑨ Reinstall the control lid, and tighten 2 screws.









③ Setting the motion sensor

The motion sensor will not function if it is only installed.
Set the function of the motion sensor by the wired or wireless remote control.
Refer to the manual instraction of each remote control for the setting procedure.

Note: It is not possible to set by the following remote control models or older.
Wired:RC-EX1A, RC-E5, RCH-E3
Wireless: RCN-E1R

(2) FDTC series (LB-TC-5W-E)

PJF012D504

⚠ WARNING

- Connect the wiring to the PCB in the control box on the indoor unit and fix the wiring securely so as not to apply unexpected stress on the PCB.
  Loose connection or fixing will cause abnormal heat generation or fire.
- Make sure the power source is turned off during electrical wiring work.
  Otherwise, electric shock, malfunction and abnomal operation may occur.

⚠ CAUTION

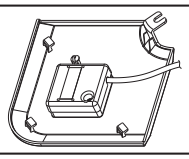
- Do not install the motion sensor kit at the following places in order to avoid malfunction.
  (1) Places exposed to direct sunlight
  (2) Places near heat-generating devices
  (3) High humidity places
  (4) Hot surface or cold surface enough to generate condensation
  (5) Places directly exposed to oil mist or steam
  (6) Places affected by the direct air flow of the indoor unit
  (7) Places where the motion sensor may be influenced by fluorescent lamp or sunlight
  (8) Places where the motion sensor may be affected by infrared rays of any other communication devices
  (9) Places where some object may obstruct the motion sensor
  (10) Places where there may be impact on the motion sensor
  (11) Places with strong radio wave or static electricity
  (12) Dusty place where the motion sensor lens may become tainted or be damaged
- Do not leave the motion sensor without the cover.
  In case the cover needs to be detached, protect the motion sensor with a packaging or bag in order to keep it away from water and dust.

Attention

- Instruct the customer how to operate the motion sensor kit correctly by referring to the instruction manual.
- For the installation method of the air-conditioner itself, refer to the installation manual enclosed in the package.

① Accessories

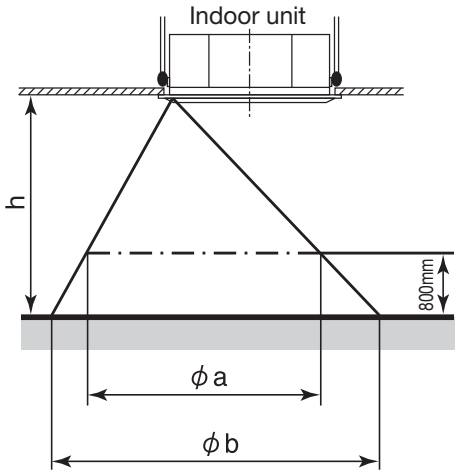
Please make sure that all components are in the package.

Motion sensor		1

② Installing the motion sensor

It is possible to install the motion sensor by replacing the corner lid on the panel.

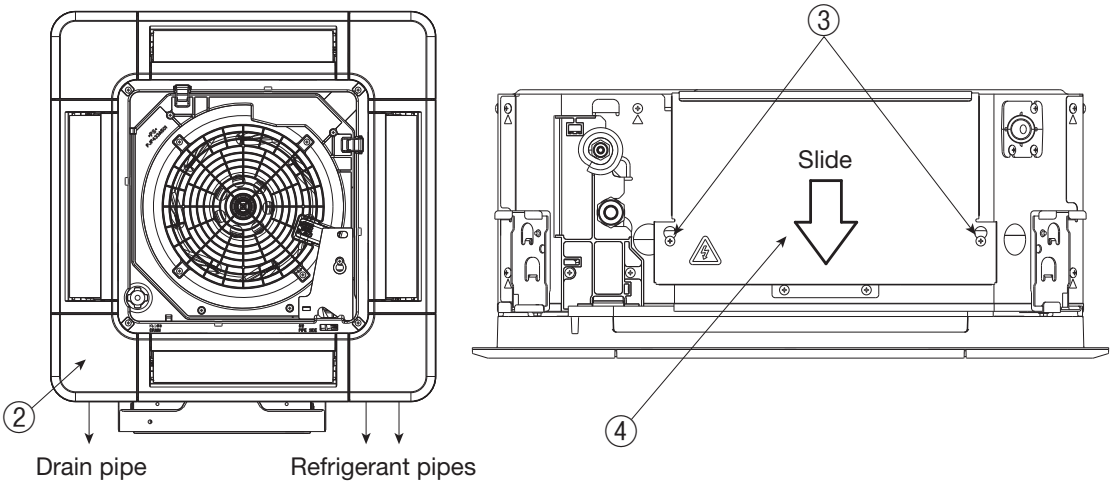
The detectable area



Height of the ceiling	h[m]	2.7	3.5	4.0
Detectable area①	ϕ a[m]	about 4.5	about 6.4	about 7.6
Detectable area②	ϕ b[m]	about 6.4	about 8.3	about 9.5

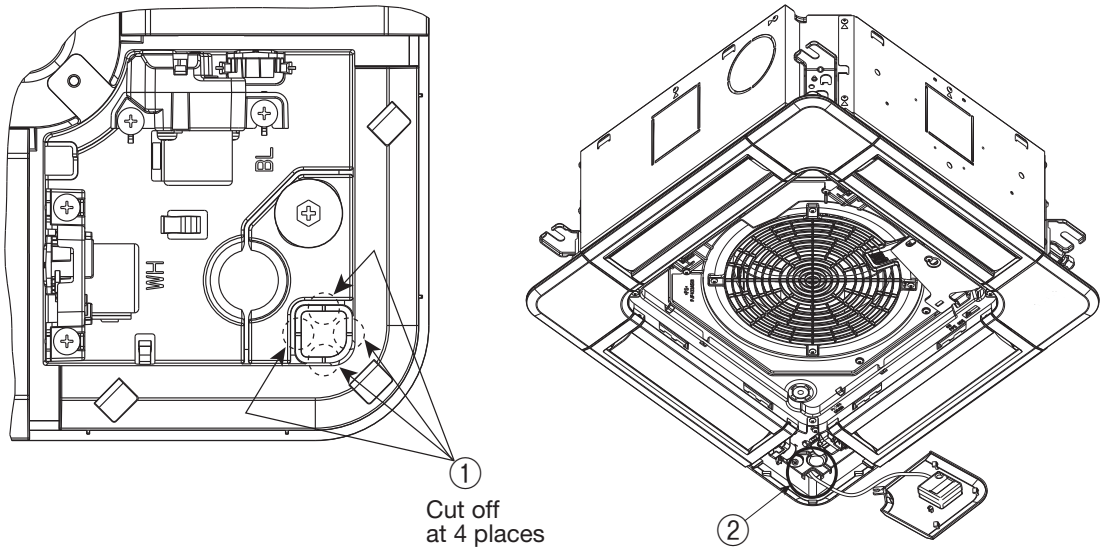
Preparation before installation

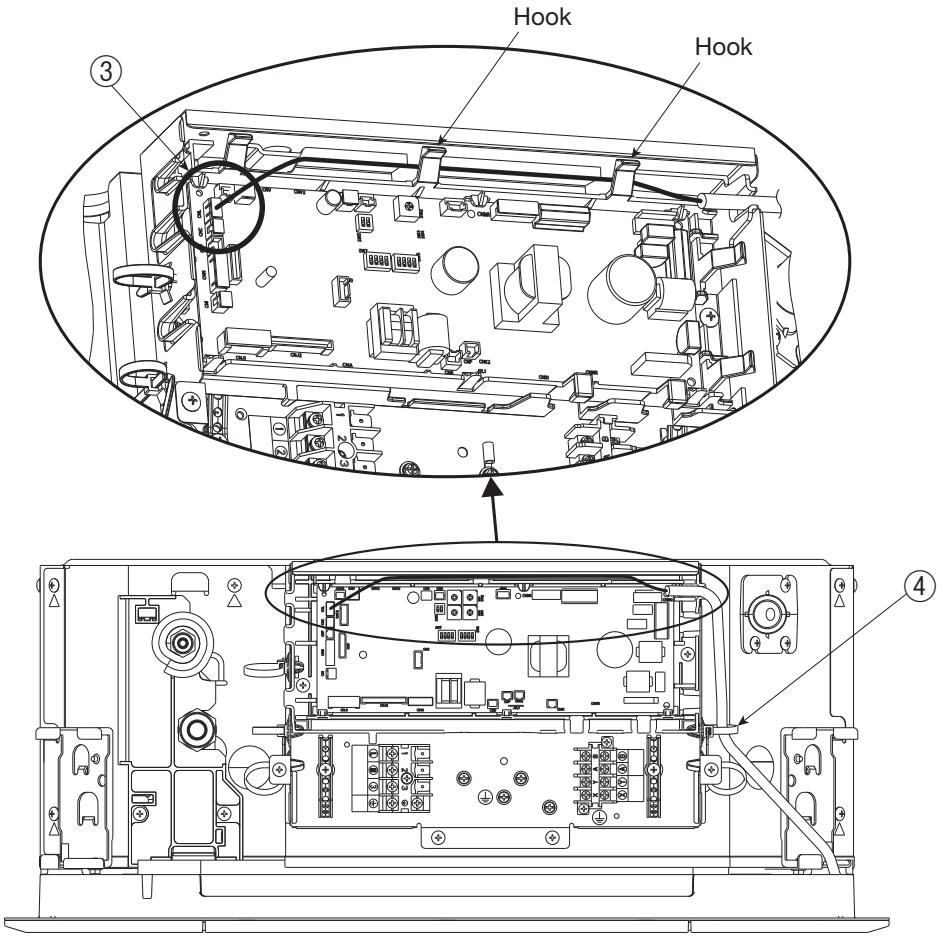
① Remove the inlet grille according to the installation manual of the panel.
② Remove the corner lid at the drain pipe side.
③ Loosen screws (2 pcs) on the control box of the unit. (It is not necessary to remove the screws.)
④ Slide the control lid in the arrow direction, and remove it.



Installation of the motion sensor

① Cut the half blanking (4 sections) of the panel as shown in the following figure.
② Pass the motion sensor wiring through the opening of the panel.
③ Connect the wiring connector to CNL (3P, black) on the PCB in the control box.
④ Fix the wiring with a band as shown below.
⑤ Install the motion sensor on the panel according to the installation manual of the panel.
⑥ Install the control lid with care not to pinch the wiring, and reinstall the control lid with screws (2 pcs.).





③ Setting the motion sensor

The motion sensor will not function if it is only installed.
Set the function of the motion sensor by the wired or wireless remote control.
Refer to the manual instruction of each remote control for the setting procedure.

Note: It is not possible to set by the following remote control models or older ones.
Wired:RC-EX1A, RC-E5, RCH-E3
Wireless: RCN-E1R

(3) FDTW series (LB-TW-6W)

PJB012D311 A

⚠ WARNING

● Connect the wiring to the PCB in the control box on the indoor unit and hold the wiring securely so as not to apply unexpected stress on the PCB.
Loose connection or hold will cause abnormal heat generation or fire.

● Make sure the power supply is turned off when electric wiring work.
Otherwise, electric shock, malfunction and improper running may occur.

⚠ CAUTION

● DO NOT install the motion sensor kit at the following places in order to avoid malfunction.

(1) Places exposed to direct sunlight
(2) Places near heat devices
(3) High humidity places
(4) Hot surface or cold surface enough to generate condensation
(5) Places exposed to oil mist or steam directly
(6) Places affected by the direct airflow of the Indoor unit.
(7) Places where the motion sensor is influenced by the fluorescent lamp or sunlight.
(8) Places where the motion sensor is affected by infrared rays of any other communication devices.
(9) Places where some object may obstruct the motion sensor
(10) Place that the motion sensor have a shock
(11) Place with the strong radio wave or Static electricity
(12) Place that motion sensor lens become tainted or have damaged. Dusty place.

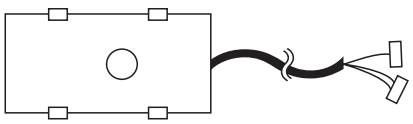
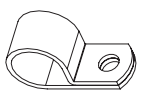
● DO NOT leave the motion sensor without the cover.
In case the cover needs to be detached, protect the motion sensor with a packaging or bag in order to keep it away from water and dust.

Attention

- This manual describes how to install the motion sensor kit.
- Instruct the customer how to operate it correctly referring to the instruction manual.
- For the installation method of the air conditioner itself, refer to the installation manual enclosed in the package.

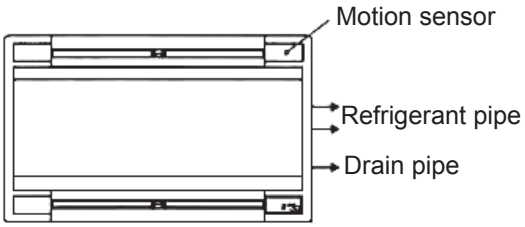
① Accessories

Please make sure that all components are in the package.

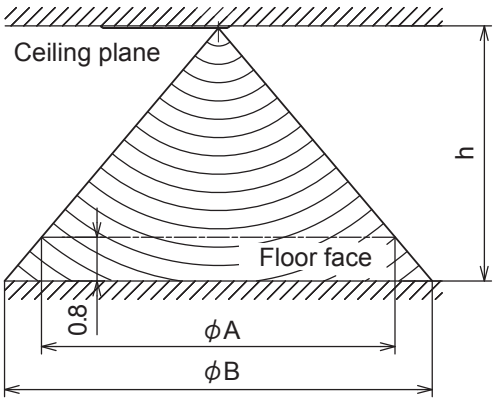
Motion sensor	Grommet	Wiring clamp	Screw	Manual
				

② Installing the motion sensor

- It is possible to install the motion sensor by replacing with a corner lid on the panel.
- The recommended height is lower than 4000 mm for motion sensor. When the installation height is higher, motion detection accuracy might be reduced.
- Sensor will detect the object with a different temperature from the surrounding.
- Sensor may not detect small children or infants with little motion.



The detectable area



Height of the ceiling	h (m)	2.7	3.5	4.0
Detectable area	ϕ A (m)	4.5	6.4	7.6
Detectable area	ϕ B (m)	6.4	8.3	9.5

Installing the motion sensor (before installing the panel)

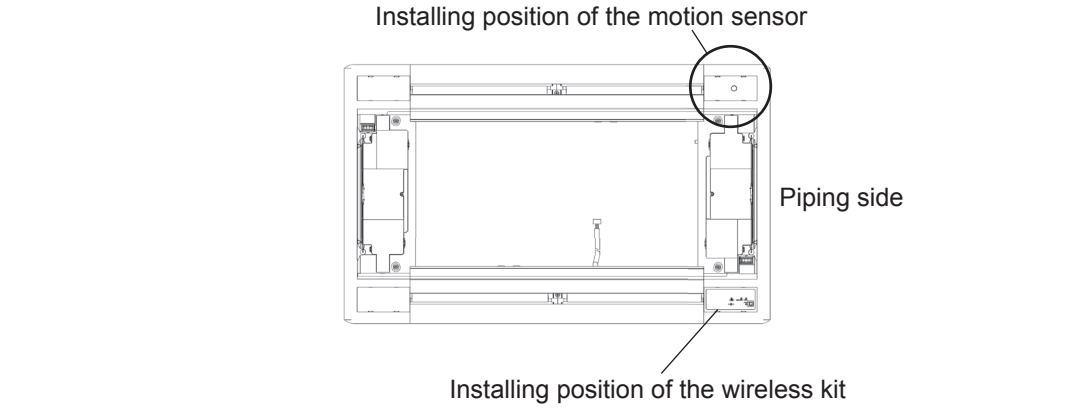
CAUTION: Motion sensor can be installed only at the corner lid as shown below.
Make sure to install the motion sensor in the correct direction.

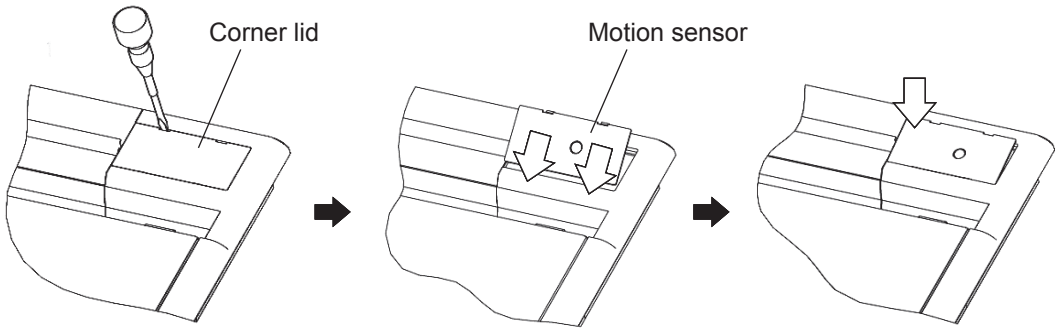
① Remove the corner lid at the location where the motion sensor is to be installed.
Insert a tool into the dented part and turn the tool wrench slightly not to damage the frame.

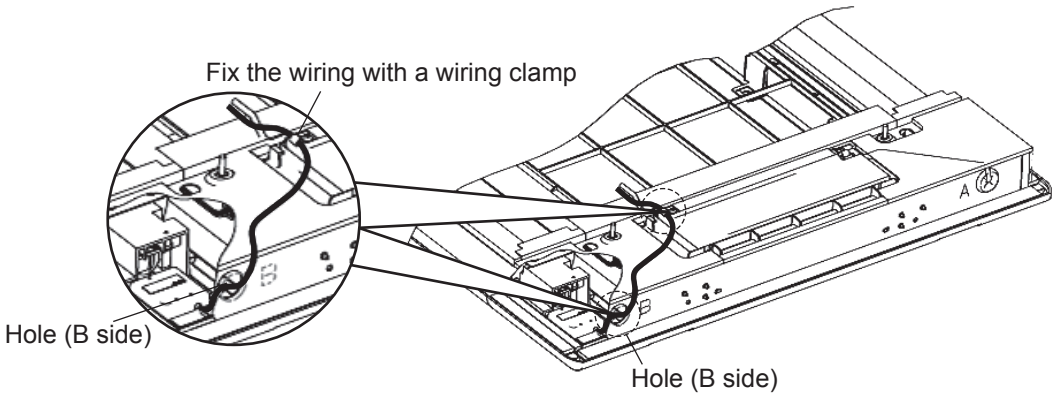
② Cut off the slit on the side of the panel (round hole (ϕ25), B side), install the grommet in the accessories.

③ After inserting the wiring of the motion sensor at hole (B side), install the motion sensor by snapping the hook (2 places) from outer edge into the frame.

④ Insert the wiring as shown in the panel ceiling rear side drawing and secure the wiring with the wiring clamps in the accessories and screws.





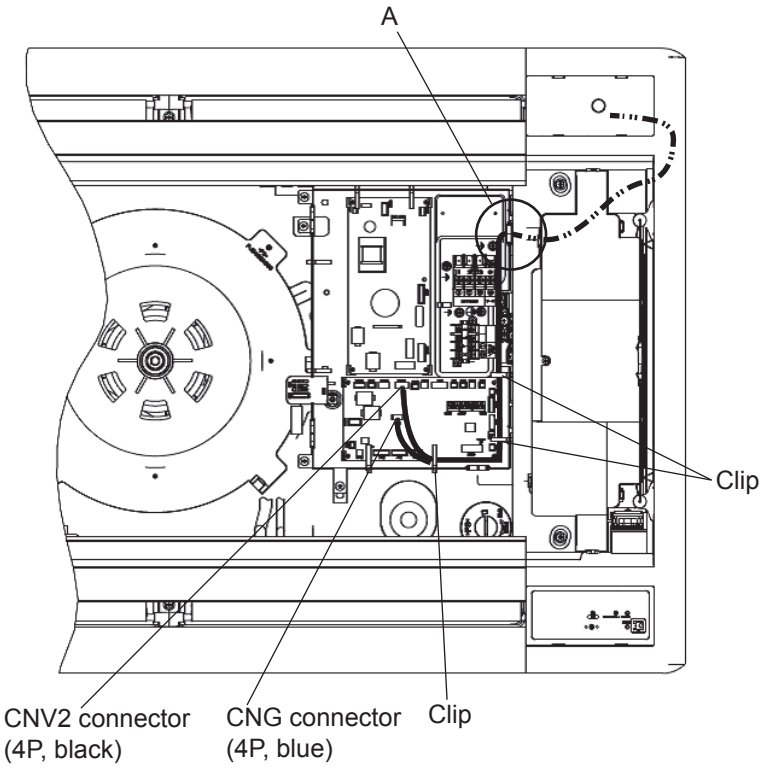


Installing the panel to the indoor unit

Install the panel to the indoor unit by following the manual attached to the panel.
CAUTION: When installing the panel, make sure that the wiring is not pinched.

Wiring connection in the control box

① Remove the service panel and air filter.
② Remove the control box cover from the unit. (2 places to be screwed)
③ Through the wiring inside the control box from A .
④ Fix the wiring with clips (3 places).
⑤ Connect CNG connector (4P, blue) to the PCB.
⑥ Connect CNV2 connector (4P, black) to the PCB.



③ Setting the motion sensor

The motion sensor will not function if it is only installed.
Set the function of the motion sensor by the wired or wireless remote control.
Refer to the manual instruction of each remote control for the setting procedure.

Note: It is not possible to set by the following remote control models or older.
Wired:RC-EX1A, RC-E5, RCH-E3
Wireless: RCN-E1R

(4) FDE series (LB-E)

PFA012D633A

⚠ WARNING

- Connect the wiring to the PCB in the control box on the indoor unit and hold the wiring securely so as not to apply unexpected stress on the PCB.
  Loose connection or hold will cause abnormal heat generation or fire.

- Make sure the power source is turned off when electric wiring work.
  Otherwise, electric shock, malfunction and improper running may occur.

⚠ CAUTION

- Do not install the motion sensor kit at the following places in order to avoid malfunction.

(1) Places exposed to direct sunlight
(2) Places near heat devices
(3) High humidity places
(4) Hot surface or cold surface enough to generate condensation
(5) Places exposed to oil mist or steam directly
(6) Places affected by the direct air flow of the Indoor unit
(7) Places where the motion sensor is influenced by the fluorescent lamp or sunlight
(8) Places where the motion sensor is affected by infrared rays of any other communication devices
(9) Places where some object may obstruct the motion sensor
(10) Place that the motion sensor have a shock
(11) Place with the strong radio wave or Static electricity
(12) Place that motion sensor lens become tainted or have damaged. Dusty place

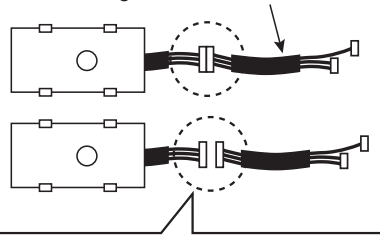
- Do not leave the motion sensor without the cover.
  In case the cover needs to be detached, protect the motion sensor with a packaging or bag in order to keep it away from water and dust.

Attention

- This manual describes how to install the motion sensor kit.
- Instruct the customer how to operate it correctly referring to the instruction manual.
- For the installation method of the air-conditioner itself, refer to the installation manual enclosed in the package.

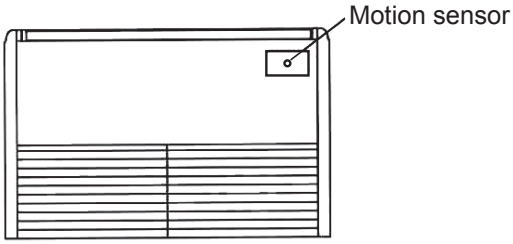
① Accessories

Please make sure that all components are in the package.

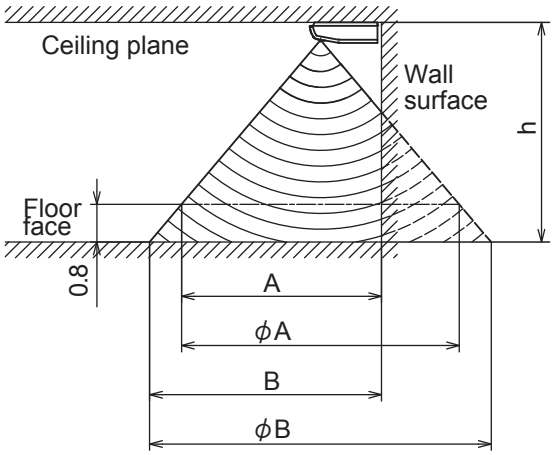
Motion sensor (※)	Manual
Attached wiring to the motion sensor kit  ※ Wiring from the motion sensor and the attached wiring to the motion sensor kit have been connected when shipped from the factory. Remove the connector at the position of ○ mark and connect it to the attached wiring to the indoor unit before use.	

② Installing the motion sensor

- It is possible to install the motion sensor by replacing the indoor unit.
- The recommended height is lower than 4000 mm for motion sensor. When the installation height is higher, motion detection accuracy might be reduced.
- Sensor will detect the object with a different temperature from the surrounding.
- Sensor may not detect small children or infants with little motion.
- Use the separate motion sensor so that person's activity can be detected when the detectable area differs from the person's activity area.
- Use the separate motion sensor when using both wireless remote control and motion sensor together.



The detectable area



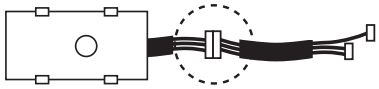
Height of the ceiling	h (m)	2.7	3.5	4.0
Detectable area	A (m)	2.9	3.9	4.5
Detectable area	ϕ A (m)	4.5	6.4	7.6
Detectable area	B (m)	3.9	4.8	5.4
Detectable area	ϕ B (m)	6.4	8.3	9.5

Installing the motion sensor (before installing the unit)

Motion sensor can be installed by replacing with a cover of the panel.

CAUTION: Install the motion sensor before installing the unit.
When installing the motion sensor after unit has been fixed, injury due to falling may result because of working at high place.

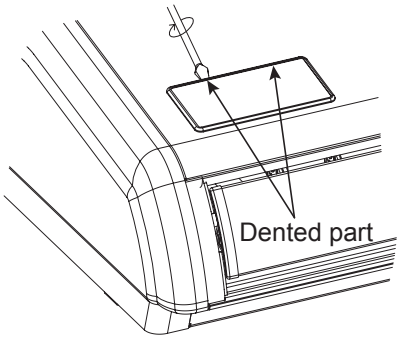
① Remove the connector that connects the motion sensor and the wiring.

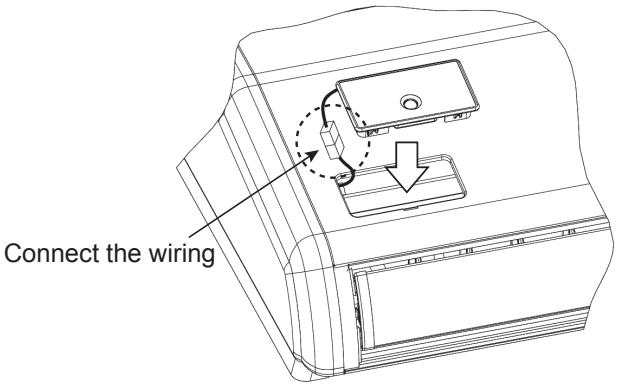


② Insert a tool into the dented part (2 places) of the panel cover, and wrench slightly not to damage the paintwork of the panel to remove the cover.

③ Connect the wiring from the panel's hole (attached to the indoor unit, color of the wiring: white, red and black, connector: 3P, white) to the wiring from the motion sensor. Make sure to install the motion sensor in the correct direction.

CAUTION: Do not remove the clamp fixed the wiring.





④ Install the motion sensor
Place the connector under the panel and install it to the panel with careful attention to the direction of the motion sensor.

CAUTION: Connect the connectors before installing the motion sensor.
In case of connecting after the motion sensor has been installed, it will be necessary to remove the panel.

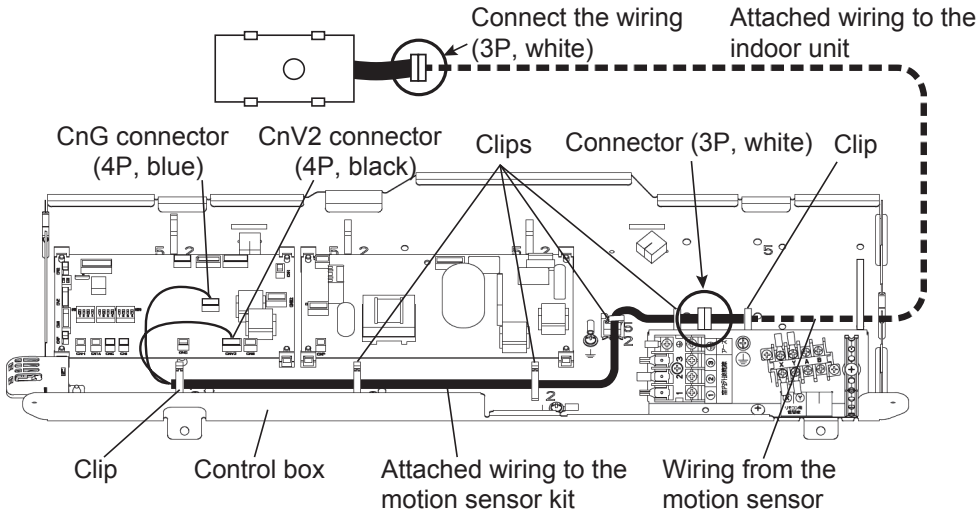
Wiring connection in the control box

① Connect the wiring from the motion sensor (attached to the indoor unit, color of the wiring: white, red and black, connector: 3P, white) to the attached wiring to the motion sensor kit.

② Fix the wiring with clips (6 places).

③ Connect CnG connector (4P, blue) to the PCB.

④ Connect CnV2 connector (4P, black) to the PCB.



③ Setting the motion sensor

The motion sensor will not function if it is only installed.
Set the function of the motion sensor by the wired or wireless remote control. Refer to the manual instruction of each remote control for the setting procedure.

Note: It is not possible to set by the following remote control models or older.
Wired:RC-EX1A, RC-E5, RCH-E3
Wireless: RCN-E1R

(5) FDTS, FDU, FDUM, FDUT, FDK, FDU-F series (LB-KIT)

PJZ012D122 A

⚠ WARNING

- Connect the wiring to the PCB in the control box on the indoor unit and hold the wiring securely so as not to apply unexpected stress on the PCB.
  Loose connection or hold will cause abnormal heat generation or fire.

- Make sure the power source is turned off when electric wiring work.
  Otherwise, electric shock, malfunction and improper running may occur.

⚠ CAUTION

- Do not install the motion sensor kit at the following places in order to avoid malfunction.

(1) Places exposed to direct sunlight
(2) Places near heat devices
(3) High humidity places
(4) Hot surface or cold surface enough to generate condensation
(5) Places exposed to oil mist or steam directly
(6) Places affected by the direct air flow of the Indoor unit
(7) Places where the motion sensor is influenced by the fluorescent lamp or sunlight
(8) Places where the motion sensor is affected by infrared rays of any other communication devices
(9) Places where some object may obstruct the motion sensor
(10) Place that the motion sensor have a shock
(11) Place with the strong radio wave or Static electricity
(12) Place that motion sensor lens become tainted or have damaged. Dusty place
(13) Place where it runs in parallel with strong voltage lines such as power source wiring

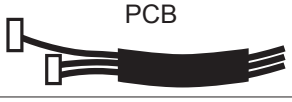
- Do not leave the motion sensor without the cover.
  In case the cover needs to be detached, protect the motion sensor with a packaging or bag in order to keep it away from water and dust.

Attention

- This manual describes how to install the motion sensor kit.
- Instruct the customer how to operate it correctly referring to the instruction manual.
- For the installation method of the air-conditioner itself, refer to the installation manual enclosed in the package.

① Accessories

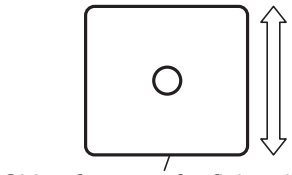
Please make sure that all components are in the package.

Motion sensor	Wiring <1>	Wiring <2>	2 screws	Manual
	In case of CnL connector on the indoor unit PCB (FDT/FDK/FDTC) 	In case of CnL connector is not on the indoor unit PCB 		

※ Please prepare a relay wiring for connecting the motion sensor and indoor unit on site. (0.2 mm^2 or thicker, triplex (red, white and black) cable for communication, with the maximum length of 8 m.)

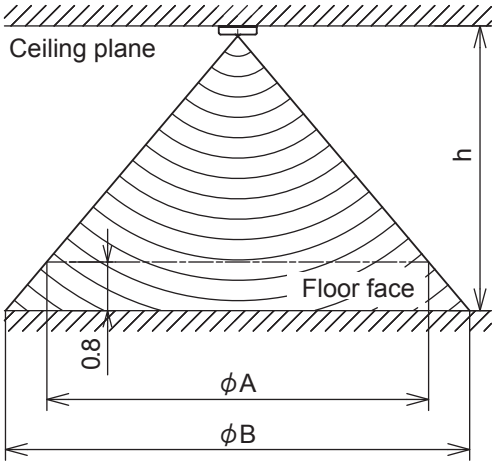
② Installing the motion sensor

- The recommended height is lower than 4000 mm for motion sensor. When the installation height is higher, motion detection accuracy might be reduced.
- Sensor will detect the object with a different temperature from the surrounding.
- Motion sensor is more sensitive to motions in the direction of ⇔ mark.
- Sensor may not detect small children or infants with little motion.
- Although motion sensor can be installed on a wall, it is recommended to install it on the ceiling plane.
- If the sensor is installed on the wall, the sensing distance in the front direction is about 5 m, covering the angle of about 100 degrees.



Side of screws for fixing the case

The detectable area



Height of the ceiling	h (m)	2.7	3.5	4.0
Detectable area	ϕ A (m)	4.5	6.4	7.6
Detectable area	ϕ B (m)	6.4	8.3	9.5

Installing the motion sensor

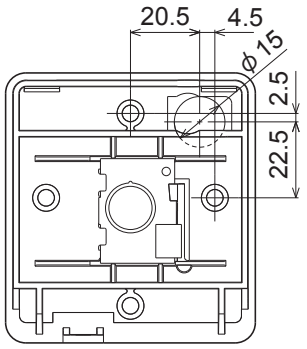
There are the following 3 methods to install the motion sensor on the ceiling plane or wall surface (hereinafter called “ceiling plane”). Select the method according to the installation position.

<How to install>

(A) Direct installation by screws to the ceiling plane with the wiring in the ceiling space.

(B) Direct installation by screws to the ceiling plane with the wiring in the room.

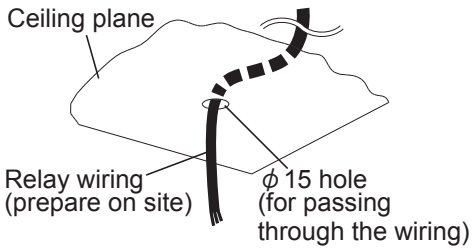
(C) Installation with switch box (prepare at the site)



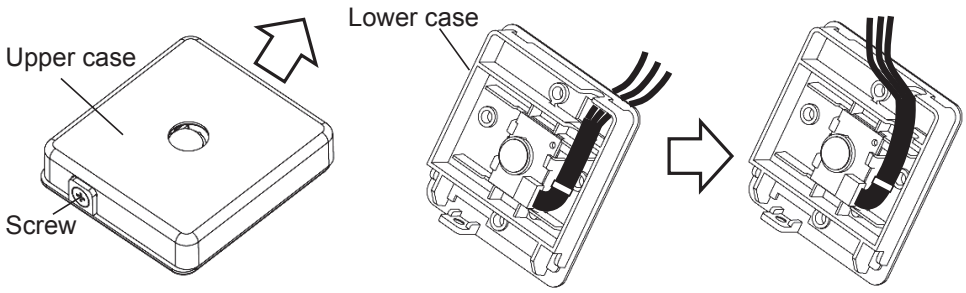
Positional relation for pulling out relay wiring hole and installing holes.

Option (A)

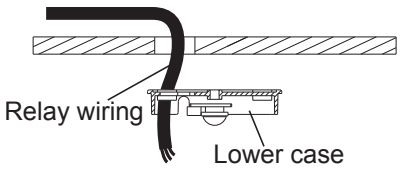
►Select this method if the ceiling plane has sufficient strength to install the motion sensor directly with screws.

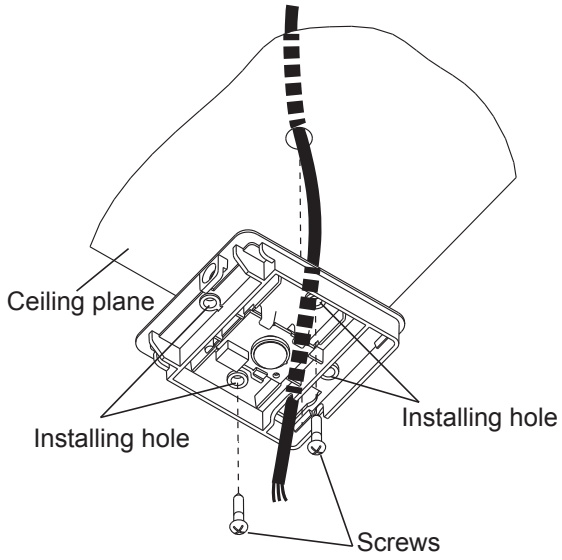


① Prepare a relay wiring on site and lay out the wiring in advance.
② Remove the screw at the side of the motion sensor and slide the upper case in the direction of the arrow.
③ Pull the wiring of the motion sensor as below.

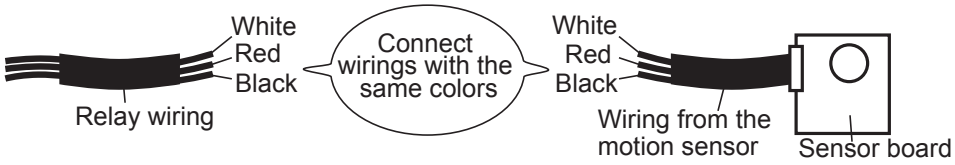


④ Pass the relay wiring through the hole on the lower case.
⑤ When fixing the lower case to the ceiling plane, tighten it in 2 locations of the installing holes (4 locations) with the attached screws.

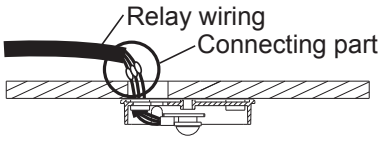




⑥ Using a crimping terminal, etc., connect the same color to the relay wiring (prepare on site) and the wiring of motion sensor.



⑦ Place the connecting part inside of the ceiling space.
⑧ Seal the wiring hole on the lower case with putty.
⑨ Taking care not to pinch the wirings, slip the upper case into the lower case, and tighten the screws.

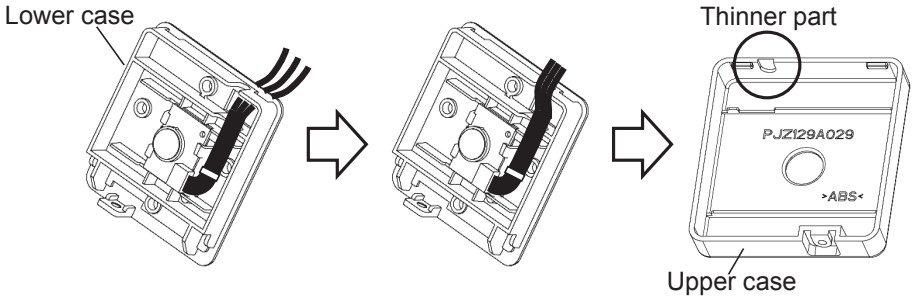


Caution:
In order to prevent tracking, be sure to perform construction so as not to clog up the connecting part with dust, etc.

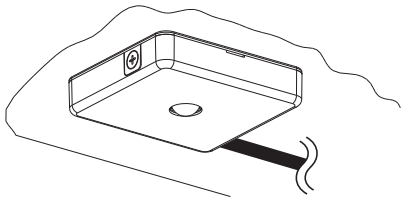
Option (B)

►Select this method if the ceiling plane has sufficient strength to install the motion sensor directly with screws.

① Remove the screw at the side of the motion sensor and slide the upper case in the direction of the arrow. (The same as ② of Option (A))
② Pull the wiring of the motion sensor toward the side. Cut off the thinner part of the upper case.

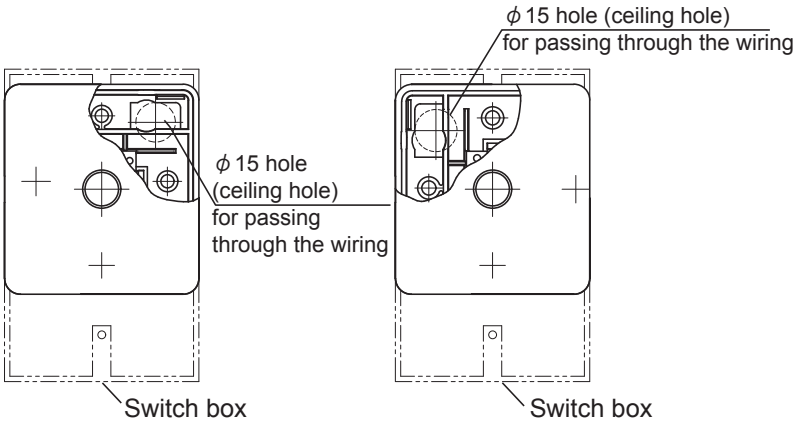


③ When fixing the lower case to the ceiling plane, tighten it in 2 locations of the installing holes (4 locations) with the attached screws. (The same as ⑤ of Option (A))
④ Using a crimping terminal, etc., connect the same color to the relay wiring (prepare on site) and the wiring of motion sensor.
(The same as ⑥ of Option (A))
⑤ Taking care not to pinch the wirings, slip the upper case into the lower case, and tighten the screws.
(The same as ⑨ of Option (A))
⑥ Seal the cut part at Step ② with putty.

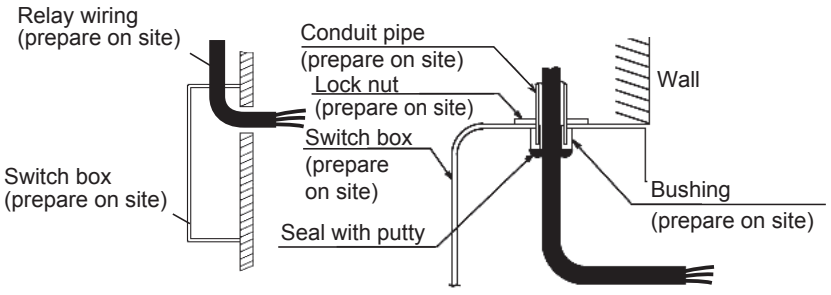


Option (C)

① Set up the switch box and relay wiring (prepare on site) in advance.
Seal the relay wiring inlet with putty.



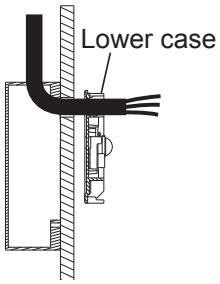
Positional relation for the switch box and installing holes



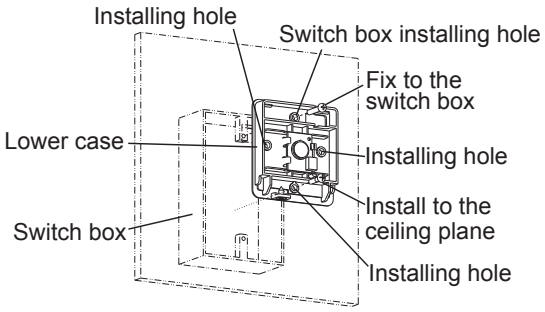
② Remove the screw at the side of the motion sensor and slide the upper case in the direction of the arrow. (The same as ② of Option (A))

③ Pull the wiring of the motion sensor. (The same as ③ of Option (A))

④ Pass the relay wiring through the hole on the lower case from switch box.

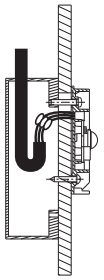


⑤ Fix the lower case to switch box using the installing hole (1 place).

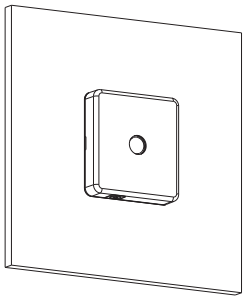


⑥ Connect the same color to the relay wiring (prepare on site) and the wiring of motion sensor. (The same as ⑥ of Option (A))

⑦ Place the connecting part between switch box and the hole of the lower case through passed the wiring at step ④ .



⑧ Taking care not to pinch the wirings, slip the upper case into the lower case, and tighten the screws. (The same as ⑨ of Option (A))

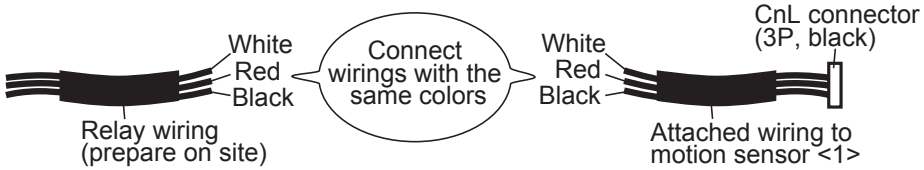


Wiring connection in the control box of indoor unit

CAUTION: Attached wirings to the motion sensor vary depending on the model of the indoor unit. Make sure your model before installing.

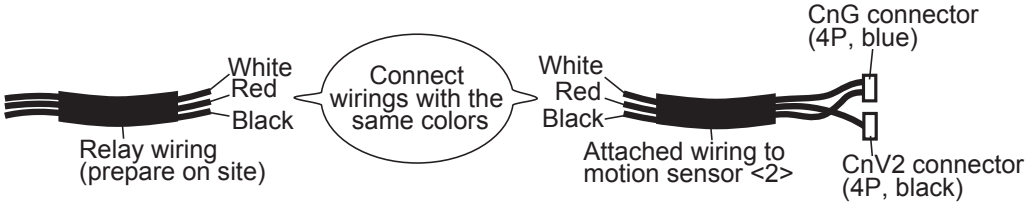
<In case of the CnL connector is on the indoor unit PCB (FDT/FDK/FDTC)>

① Connect the same color to the relay wiring (prepare on site) and the attached wiring <1>.
② Remove the control box cover from the indoor unit.
③ Connect CnL connector (3P, black) to the PCB.

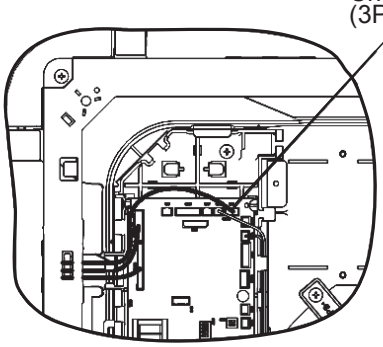


<Incase of the CnL connector is not on the indoor unit PCB>

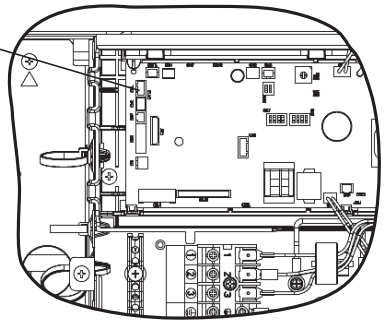
① Connect the same color to the relay wiring (prepare on site) and the attached wiring <2>.
② Remove the control box cover from the indoor unit.
③ Connect CnG connector (4P, blue) to the PCB.
④ Connect CnV2 connector (4P, black) to the PCB.



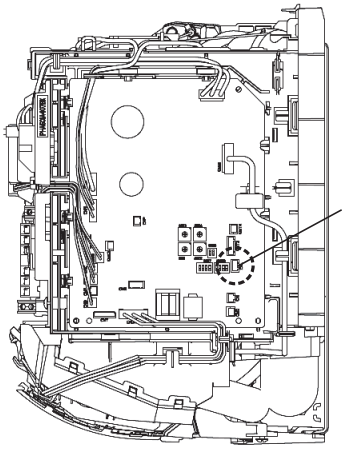
<For FDT>



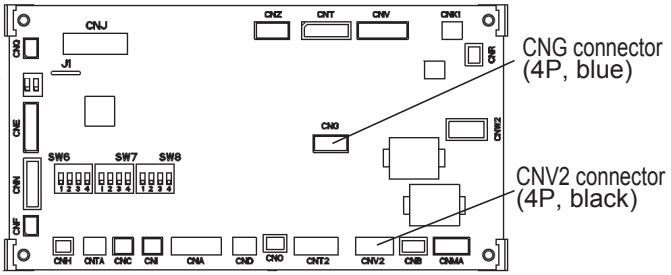
<For FDTC>



<For FDK>



<For the other indoor units>



③ Setting the motion sensor

The motion sensor will not function if it is only installed.
Set the function of the motion sensor by the wired or wireless remote control. Refer to the manual instruction of each remote control for the setting procedure.

Note: It is not possible to set by the following remote control models or older.
Wired:RC-EX1A, RC-E5, RCH-E3
Wireless: RCN-E1R

(6) User's manual

PJZ012A164

SAFETY PRECAUTIONS

⚠ WARNING

● **If a child, person with disease or other persons needed for assist uses this product, people around the person should take sufficient care.**
A halt of the air-conditioner due to abnormal situation or motion sensor's control may cause a feeling of sickness or accident.

ATTENTION

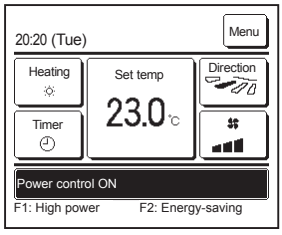
- The sensor may not detect a person near the border of detection range.
- Installation near an object with a different temperature from the surrounding may cause a false detection of human.
- Due to correction of temperature setting, some people may feel chilly.

This product uses infrared sensor to detect person's activity level to support control of air-conditioner.
Please set the control you like from the remote control.

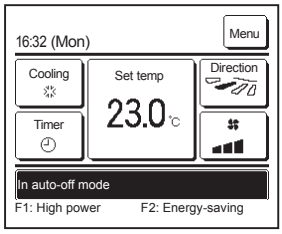
Indoor unit control	Detective situation	Description of control	Display of eco touch remote control
① Power control	Activity level is large	Lower the indoor temperature setting for comfort.	Power control ON
	Activity level is small	Raise the indoor temperature setting for energy-saving.	Power control ON
② Auto-off	No one is detected for 1 hour	Stop operation and stand by	In auto-off mode
	No one is detected for 12 hours	Stop operation	-
① + ②	Any combination of the above	Any of the above	Any of the above
All disabled (default setting)	-	Standard control	-

If the sensor is disconnected or defective, the control will be set as if it no detects (or less) activity level.

Refer to the next section for setting method.



- When power control is enabled
  The amount of human motion is detected by a motion sensor to adjust the Set temp.
  During power control, "Power control ON" will be displayed on the message display.



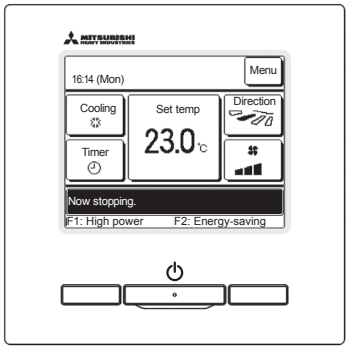
- When auto-off is enabled
  The unit will enter the "Operation wait" state when an hour has elapsed since the last time a human presence was detected and will be in "Complete stop" state after another 12 hours.

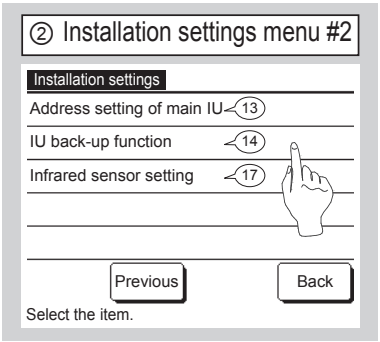
"Operation wait"...The unit stops but will resume operation when human presence is detected. When the unit is in "Complete stop", "In auto-off mode" will be displayed on the message display.

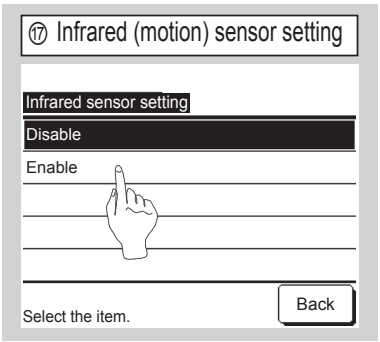
"Complete stop"...When auto-off is enabled, the unit stops. The unit will not resume operation even when human presence is detected.
The message "In auto-off mode" will disappear from the message display, and the operation lamp will turn off.

Control setting (from eco touch remote control)

● Refer to the installation manual for eco touch remote control to activate the infrared sensor (motion sensor).
TOP screen **Menu** ⇨ **Service setting** ⇨ **Installation settings** ⇨ **Service password**



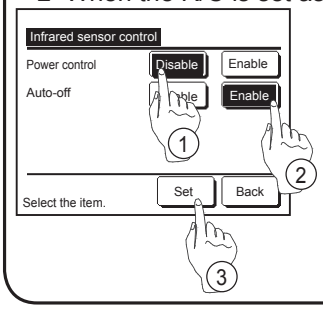




● Refer to the installation manual for eco touch remote control to set control mode.

■ Infrared sensor (motion sensor) control (for IUs with motion sensors)
Presence of humans and the amount of motion are detected by a motion sensor to perform various controls.

■ When the R/C is set as the sub R/C, the infrared sensor (motion sensor) control cannot be set.



Tap the **Menu** button on the TOP screen and select **Energy-saving setting** ⇨ **Infrared sensor control** or **Motion sensor control**.

The Infrared sensor control screen and contents of the current settings are displayed.

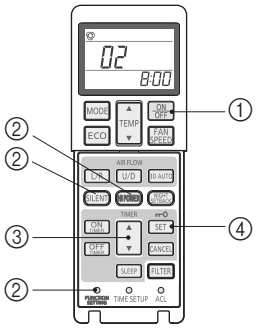
① Enable/disable power control.
② Enable/disable auto-off.
③ After you set each item, tap the **Set** button.
The display returns to the Energy-saving setting menu screen.

Control setting (from wireless remote control)

● Refer to the installation manual for wireless remote control to enable motion sensor in **Indoor function settings**

Indoor function settings

1. How to set indoor functions
① Press the ON/OFF button to stop the unit.
② Press the desired one of the buttons shown item **2.** while holding down the FUNCTION SETTING switch.
③ Use the selection buttons, ▲ and ▼, to change the setting.
④ Press the SET button.
The buzzer on the remote control signal receiver beeps twice, and the LED lamp flashes four times at two-second intervals.



2. Setting details

Button	Number indicator	Function setting
SILENT	00	Infrared sensor setting (Motion sensor setting) : Disable
	01	Infrared sensor setting (Motion sensor setting) : Enable
HI POWER	00	Infrared sensor control (Motion sensor control) : Disable
	01	Infrared sensor control (Motion sensor control) : Power control only
	02	Infrared sensor control (Motion sensor control) : Auto OFF only
	03	Infrared sensor control (Motion sensor control) : Power control and Auto OFF

VRF INVERTER MULTI-SYSTEM AIR-CONDITIONERS

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