

INVERTER WALL MOUNTED TYPE AND FLOOR STANDING TYPE ROOM AIR-CONDITIONER

(Split system, air to air heat pump type)

Wall mounted type Floor standing type

SRK20ZIX-S SRF25ZIX-S

25ZIX-S 35ZIX-S

35ZIX-S 50ZIX-S

50ZIX-S

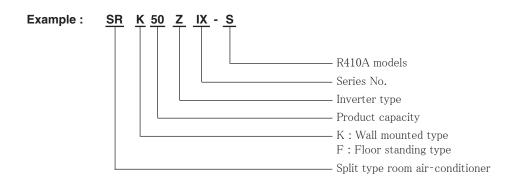
60ZIX-S



CONTENTS

1 RAI	NGE OF USAGE & LIMITATIONS	1
2 IND	OOR UNIT	3
2.1	Wall mounted type (SRK)	3
(1)	Specifications	3
(2)	Exterior dimensions	8
(3)	Electrical wiring	9
2.2	Floor standing type (SRF)	10
(1)	Specifications	10
(2)	Exterior dimensions	13
(3)	Electrical wiring	14
3 OU	FDOOR UNIT	15
(1)	Exterior dimensions	15
(2)	Electrical wiring	17

■How to read the model name



1 RANGE OF USAGE & LIMITATIONS

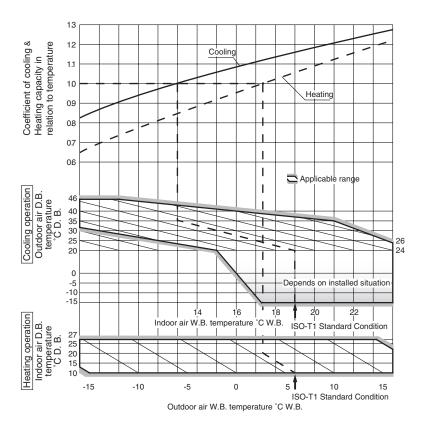
Models	SRK20ZIX-S, 25ZIX-S, 35ZIX-S SRF25ZIX-S, 35ZIX-S	SRK50ZIX-S, 60ZIX-S SRF50ZIX-S
Indoor return air temperature (Upper, lower limits)		oximately 18 to 32°C D.B. oximately 15 to 30°C D.B. nart)
Outdoor air temperature (Upper, lower limits)		oximately -15 to 46°C D.B. oximately -15 to 21°C D.B. nart)
Refrigerant line (one way) length	Max. 15m	Max. 30m
Vertical height difference between outdoor unit and indoor unit	Max. 10m (Outdoor unit is higher) Max. 10m (Outdoor unit is lower)	Max. 20m (Outdoor unit is higher) Max. 20m (Outdoor unit is lower)
Power source voltage	Rating	±10%
Voltage at starting	Min. 85%	of rating
Frequency of ON-OFF cycle	Max. 4 times/h (Inching prevention 10 minutes)	Max. 7 times/h (Inching prevention 5 minutes)
ON and OFF interval	Min. 3	minutes

Selection chart

Correct the cooling and heating capacity in accordance with the conditions as follows. The net cooling and heating capacity can be obtained in the following way.

Net capacity = Capacity shown on specification \times Correction factors as follows.

(1) Coefficient of cooling and heating capacity in relation to temperatures



(2) Correction of cooling and heating capacity in relation to one way length of refrigerant piping

It is necessary to correct the cooling and heating capacity in relation to the one way piping length between the indoor and outdoor units.

Piping length [m]	7	10	15	20	25	30
Cooling	1.0	0.99	0.975	0.965	0.95	0.935
Heating	1.0	1.0	1.0	1.0	1.0	1.0

(3) Correction relative to frosting on outdoor heat exchanger during heating

In additions to the foregoing corrections (1), (2) the heating capacity needs to be adjusted also with respect to the frosting on the outdoor heat exchanger.

Air inlet temperature of outdoor unit in °CWB	-15	-10	-9	-7	-5	-3	-1	1	3	5 or more
Adjustment coefficient	0.95	0.95	0.94	0.93	0.91	0.88	0.86	0.87	0.92	1.00

How to obtain the cooling and heating capacity

Example : The net cooling capacity of the model SRK60ZIX-S with the piping length of 15m, indoor wet-bulb temperature at 19.0° C and outdoor dry-bulb temperature 35° C is Net cooling capacity = $6000 \times 0.975 \times 1.0 = 5850 \text{ W}$

2 INDOOR UNIT

2.1 Wall mounted type (SRK)

(1) Specications

Adapted to RoHS directive

				Model	SRK20ZIX-S					
Item					Indoor unit SRK20ZIX-S	Outdoor unit SRC20ZIX-S				
Cooling capacity	(1)			W	2000 (900 (Min.) ~ 3100 (Max.))					
Heating capacity				W	2500 (900 (Min.)	~ 4300 (Max.))				
Power supply					1 Phase, 220 ∼	240 V, 50Hz				
	Power		Cooling		0.35 (0.19					
	consump	tion	Heating	kW	0.45 (0.23	~ 1.00)				
	Running		Cooling		1.9 / 1.8 / 1.7 (2	20/ 230/ 240 V)				
	current		Heating	Α	2.4 / 2.3 / 2.2 (2	20/ 230/ 240 V)				
	Inrush cu	urrent	1		2.4 / 2.3 / 2.2 (2	· · · · · · · · · · · · · · · · · · ·				
Operation			Cooling		5.7	·				
data (1)	COP		Heating		5.5	56				
		1	Sound level	dB (A)	Hi: 39 Me: 30 Lo: 21	47				
	Noise	Cooling	Power level	dB	53	60				
			Sound level	dB (A)	Hi: 38 Me: 33 Lo: 25	47				
	level	Heating	Power level	dB	54	59				
Exterior dimensio	ns (Height	x Width x		mm	309 x 890 x 220	590 x 780 (+62) x 290				
Exterior appearar					Fine snow	Stucco white				
(Munsell color)					(8.0Y 9.3/0.1) near equivalent	(4.2Y 7.5/1.1) near equivalent				
Net weight				kg	15	38				
g	Compres	sor type 8	& Q'tv		_	RM-B5077MDE1 (Rotary type) x 1				
	_		ng method)	KW	_	0.75 (Line starting)				
	Refrigera		18 1110 1110 117	l	0.35 (DIAMOND F					
Refrigerant	Refrigera			Kg	R410A 1.2 (Pre-Charged up t	•				
equipment	Heat exc				Louver fins & inner grooved tubing M fins & inner grooved tubing					
		ant contro			Capillary tubes + Electr					
	Deice co				Microcompu					
	Fan type				Tangential fan x 1	Propeller fan x 1				
	Mot			W	27	24				
Air handling	INIOC	.01	Colling	**	Hi: 11.5 Me: 8.0 Lo: 5.0	29.5				
equipment	Air flow		Heating	CMM	Hi: 12.0 Me: 9.5 Lo: 7.0	27.0				
equipment	Fresh air	rintake	ricating		Not possible	27.0				
		Quality /	Quantity		Polypropylene net (washable) x 2					
Shock & vibration		Quality /	Quantity		- Compropylene net (washable / X 2	Cushion rubber (for compressor)				
Electric heater	1 absorber	-			_	— —				
Lioutio Houtor	Operatio	n switch			Wireless-Remote control	_				
Operation		mperature	control		Microcomputer thermostat	_				
control	T COM CO	mporacare	00116101		RUN: Green , TIMER: Yell	ow HI POWER: Green				
Control	Operatio	n Display			3D AUTO: Green					
					Compressor overheat protection					
Safety devices					Frost protection, Serial signal error protec					
					Heating overload protection (High pressure control), Cooling overload protection					
	Refrigers	ant pining	size (O.D)	mm	Liquid line: ϕ 6.35 (1/4")					
		ng method			Flare cor					
					Liquid line : 0.55					
Installation	Attached	d length of	piping	m	Gas Line : 0.49	_				
data	Insulation	n for pipin	σ		Necessary (Both sid	des) independent				
			ne way)length		Max					
			erence between	m	Max.10 (Outdoor					
		_		'''	Max.10 (Outdoor	9 ,				
Drain hose	outdoor unit and indoor unit			Connectable (VP 16)	_					
Power cable					-	_				
Recommended br	reaker size			A	1	6				
	541101 312C	Size v Co	ore numbe		1.5mm² x 4 cores (Inc					
Connection wiring	g		ng method		Terminal block (So					
Accessories (incl	uded)	Loomiecui	is illection		Mounting kit, Clean filter (Allergen clear filter:					
Optional parts	uucu/				Interface kit (
Exterior dimensio	ns drawing	number			RKY000Z052	RCV000Z004				
Electrical wiring of					RWA000Z215	RWC000Z004				
N (1) TI	ar avviring HUII	inei			INTAUULZIU	TAYOUUZZIO				

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

The data are measured at the following conditions. The pipe length is 7.5m.										
1	tem	Indoor air te	mperature	Outdoor air t	emperature	Standards				
Operation		DB	WB	DB	WB					
Cooling		27°C	19°C	35°C	24°C	ISO-T1, JIS C 9612				
Heating		20°C	_	7°C	6°C					

- (2) This air-conditioner is manufactured and tested in conformity with the ISO.
- (3) The operation data are applied to the 220/230/240 V districts respectively.
- (4) The refrigerant quantity to be charged includes the refrigerant in 15m connecting piping. (Purging is not required even for the short piping.)

RWA000Z214 🛕

				Mode				25ZIX-S	000000000	
Item	(4)			147	Indoor unit	SRK25Z		Outdoor uni		
Cooling capacit				W			2550 (900 (Min			
Heating capaci	ty (1)			W			3130 (900 (Min			
Power supply	In.		To 1:					~ 240 V, 50Hz	z	
	Power		Cooling	kW				19 ~ 0.82)		
	consump	tion	Heating					(23 ~ 1.12)	10.14)	
	Running		Cooling				2.5 / 2.4 / 2.3 3.1 / 2.9 / 2.8			
	Inrush c	ırront	Heating	A			3.1 / 2.9 / 2.8			
Operation	Initusti C	urrent	Cooling					5.20	40 V)	
data (1)	COP		Heating					5.26		
		T	Sound level	dB (A)		Hi: 41 Me: 3		3.20	47	
	Noise	Cooling	Power level	dB (A)		55		+	60	
			Sound level	dB (A)		Hi: 41 Me: 3		_	47	
	level	Heating	Power level	dB		58			60	
Exterior dimens	sions (Height	x Width x		mm		309 x 890		!	590 x 780 (+62) x 290	
Exterior appear		X THUCH X	Ворин			Fine si		 	Stucco white	
(Munsell colo					(8.		ear equivalent	(4.2)	Y 7.5/1.1) near equivalent	
Net weight	,			kg	,	15		,	38	
	Compres	ssor type	& Q'ty			_		RM-B50	077MDE1 (Rotary type) x 1	
			ng method)	KW		_			0.75 (Line starting)	
D. 61	Refriger			Q.			0.35 (DIAMONI			
Refrigerant	Refrigerant (3)		Kg		R410A	I.2 (Pre-Charged u				
equipment	Heat exc				Louve				ns & inner grooved tubing	
	Refrigerant control					Capillary tubes + Elec				
	Deice co							outer control		
	Fan type					Tangential			Propeller fan x 1	
	Mot			W		27			24	
Air handling	,		Colling		H	li: 12.5 Me: 9	9.0 Lo: 5.0		29.5	
equipment	Air flow		Heating	CMM	Н	i: 13.0 Me: 1	0.0 Lo: 7.5		27.0	
- 44	Fresh ai	r intake	1			Not pos				
Air filter, Quality / Quantity			Polyp		(washable) x 2		_			
Shock & vibrat								Cushio	n rubber (for compressor)	
Electric heater									_	
	Operation	n switch			1 1	Vireless-Rem	ote control		_	
Operation		mperature	e control			icrocomputer			_	
control							Green , TIMER: Yel	low . HI POWE	R: Green	
	Operation	n Display					3D AUTO: Gree			
						Compre	ssor overheat protec	tion. Overcurr	ent protection.	
Safety devices					Frost				fan motor error protection,	
,					1				ooling overload protection	
	Refrigera	ant piping	size (O.D)	mm			id line: φ 6.35 (1/4"		: φ9.52 (3/8")	
	connect	ing metho	d		i	·	Flare o	onnecting		
						Liquid line: 0.55				
nstallation	Attache	d length of	f piping	m		Gas Line : 0.49				
data	Insulatio	n for pipin	ng				Necessary (Both	sides), indepe	ndent	
			ne way)length	,				ax.15		
			ference betwe				Max.10 (Outdo		er)	
	1	_	ndoor unit				Max.10 (Outdo			
Drain hose					İ	Connectable			_	
Power cable								<u>-</u>		
Recommended	breaker size			A				16		
		Size x Co	ore numbe				1.5mm ² x 4 cores (I		cable)	
Connection wir	ing	-	ng method				Terminal block (
Accessories (ir	cluded)		,		Mounting	kit, Clean filte			ytic washable deodorizing filter x 1	
Optional parts	· ·				1			(SC-BIKN-E	·	
Exterior dimen:	sions drawing	number			İ	RKY000			RCV000Z004	
Electrical wirin						RWA000			RWC000Z213	
			t the following	conditions.			The pipe length is 7.	5m.		
· · · · · · · · · · · · · · · · · · ·		Item	Indoor air ten		Outdoor air	temperature	Standards			
0	peration	_::"	DB DB	WB	DB	WB	Junuarus			
_	ooling	_	27°C	19°C	35°C	24°C	ISO-T1 , JIS C 96	12		
_			20°C	100		6°C	100 11,010 0 90	-		
	ating			—						
				nd tested in cor						
				20/230/240V d						
	_		_	includes the ref	rigerant in 1	om connectin	g piping.			
			ven for the sh							

RWA000Z214 🚖

				Mode	ıl		S D N	35ZIX-S	Adapted to RoHS directive		
Item				Wiode	Indoor uni	t SRK352		Outdoor unit	SRC35ZIX-S		
Cooling capacity	(1)			W				.) ~ 4100 (Max.)			
Heating capacity				W			4300 (900 (Min	i.) ~ 5100 (Max.))		
Power supply							1 Phase, 220	~ 240 V, 50Hz			
	Power		Cooling	kW			0.845 (0.	19 ~ 1.01)			
	consumpt	tion	Heating	KVV	0.960 (0.23 ~ 1.35)						
	Running		Cooling				4.0 / 3.8 / 3.6	(220/ 230/ 240	V)		
	current		Heating	Α				(220/ 230/ 240			
Operation	Inrush cu	rrent						(220/ 230/ 240	V)		
data (1)	COP		Cooling			4.14					
(, ,		1	Heating	15 (1)				4.48			
	Noise	Cooling	Sound level	dB (A)		Hi: 43 Me: 3			50		
			Power level	dB		58			63		
	level	Heating	Sound level	dB (A)		Hi: 42 Me: 3			50		
Francisco dinesco di	/11-:	. \\\!:= +	Power level	dB mm		200 200		EC	62		
Exterior dimensi		k wiath x	Deptn)	- 111111		309 x 890 Fine si		38	0 x 780 (+62) x 290 Stucco white		
Exterior appeara (Munsell color)					(0		now ear equivalent	(42)	7.5/1.1) near equivalent		
Net weight)			kg	(0	15		(4.21	38		
ivet weight	Compress	sor type	8. ∩'+v	, ng				PM-R507	7MDE1(Rotary type)x 1		
			ng method)	KW					90 (Line starting)		
	Refrigerant oil Refrigerant (3)		e RVV				D FREEZE MA68				
Refrigerant				Kg		R410A	1.2 (Pre-Charged u	_			
equipment	Heat exc			1	Louve				& inner grooved tubing		
	Refrigera		ol				Capillary tubes + Elec				
	Deice cor							puter control			
	Fan type	& Q'ty				Tangential	fan x 1		Propeller fan x 1		
	Moto	or		W		27	1		24		
Air handling	4: 0		Colling	01414		Hi: 13.5 Me: 9	9.5 Lo: 5.0		32.5		
equipment	Air flow		Heating	CMM	H	li: 14.0 Me: 1	1.0 Lo: 8.0		29.5		
	Fresh air	intake				Not pos	sible		_		
	Air filter,	Quality /	Quantity		Poly	propylene net	(washable) x 2		_		
Shock & vibratio	n absorber					_	-	Cushion	rubber (for compressor)		
Electric heater						_	-		_		
	Operation	n switch				Wireless-Rem	ote control		_		
Operation	Room ter	nperature	e control		N	licrocomputer	thermostat				
control	Operation	n Disnlay				RUN:	Green , TIMER: Ye				
	o por a cior							n , ECONO: Blu			
							ssor overheat protec		•		
Safety devices					1				n motor error protection,		
	ID C:		. (00)		Heatır			_	oling overload protection		
			size (O.D)	mm		Liqu	id line: ϕ 6.35 (1/4"		9.52 (3/8)		
	connectir	ng metno	<u>a</u>			11 112		onnecting			
Inatallation	Attached	length of	f piping	m		Liquid line : 0.55 Gas Line : 0.49					
Installation data	Insulation	for nini-				Gas Line	Necessary (Both	oidoo) ;==d======	lant		
uata			ne way)length	_					ient		
			ference betwe			Max.15 Max.10 (Outdoor unit is higher)					
		_	ndoor unit	en m				oor unit is nigher oor unit is lower			
Drain hose	Toutdoor t	iriit arid ir	ndoor unit			Connectable		Joi unit is lower	_		
Power cable						Johnsotable	10 /				
Recommended b	reaker size			A				16			
		Size x Co	ore numbe	1			1.5mm² x 4 cores (I		able)		
Connection wirin	ıø ⊢		ng method				Terminal block (
Accessories (inc		201			Mounting	kit, Clean filte			ic washable deodorizing filter x 1		
Optional parts	· · · · · · · · · · · · · · · · · · ·				1			(SC-BIKN-E)	<u> </u>		
Exterior dimensi	ons drawing	number				RKY000	Z052		RCV000Z004		
Electrical wiring	drawing num	ber				RWA000	Z215		RWC000Z213		
Notes (1) The	data are me	asured at	t the following	conditions.			The pipe length is 7.	5m.			
Item Indoor air temperature					Outdoor air	temperature	Standards				
Ope	eration	$\overline{}$	DB	WB	DB	WB					
	ling		27°C	19°C	35°C	24°C	ISO-T1, JIS C 96	12			
Coo			20°C		7°C	6°C					
	ting		20 0								
Hea		ner is ma		nd tested in con	formity with	the ISO.					
Hea (2) This	air-conditio		anufactured a	nd tested in con 220/230/240V d	-						
Hea (2) This (3) The	air-condition	ata are ap	anufactured an		istricts resp	ectively.	g piping.				

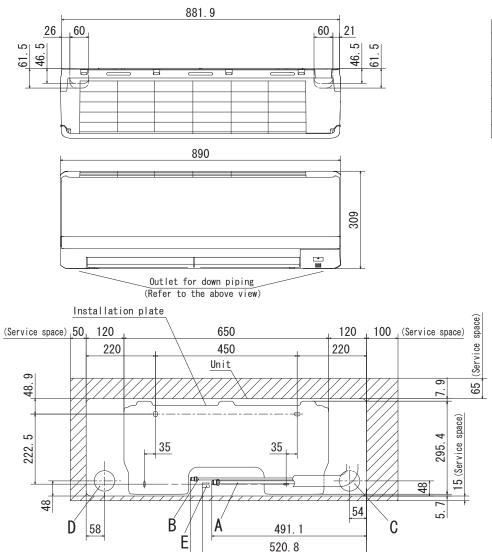
RWA000Z214 🛕

				Mode		SRK50	
Item	11 (4)			1	Indoor unit SRK502		Outdoor unit SRC50ZIX-S
Cooling capa				W		(()	~ 6200 (Max.))
Heating capa				W		6000 (700 (Min.)	
Power supply							~ 240 V, 50Hz
	Power		Cooling	— kW		1.30 (0.2	
	consum	ption	Heating	NVV		1.35 (0.2	
	Running	I	Cooling			6.0 / 5.7 / 5.5 (2	220/ 230/ 240 V)
	current		Heating	A		6.2 / 5.9 / 5.7 (2	220/ 230/ 240 V)
0	Inrush c	urrent				6.2 / 5.9 / 5.7 (2	220/ 230/ 240 V)
Operation	000		Cooling			3.8	85
data (1)	COP		Heating			4.4	44
		Ī.,	Sound level	dB (A)	Hi: 45 Me: 3	38 Lo: 26	48
	Noise	Cooling	Power level	dB	60		62
			Sound level	dB (A)	Hi: 45 Me: 3	88 Lot 32	48
	level	Heating	Power level	dB	62		62
Exterior dime	nsions (Heigh	1 × \\/id+k		mm	309 x 890		640 x 800 (+71) x 290
		it x vvidti	i x Deptil)	- 111111	Fine s		Stucco white
Exterior appe							
(Munsell col	or)				(8.0Y 9.3/0.1) r		(4.2Y 7.5/1.1) near equivalent
Net weight	10		0.011	kg	15		43
		ssor type			_		5CS130XGB04 (Scroll type) x 1
			ing method)	KW	_		0.9 (Line starting)
Refrigerant	Refriger			l		0.48 (RB68A or F	
•	Refriger	ant (3)		Kg	R410A	I.4 (Pre-Charged up	to the piping length of 15m)
equipment	Heat ex	changer			Louver fins & inner	grooved tubing	M fins & inner grooved tubing
		ant contr	ol		C	apillary tubes + Elect	tronic expansion valve
	Deice co					Microcomp	
	Fan type				Tangentia		Propeller fan x 1
	Mo			W	27		34
Air handling	I IVIO		Colling	V V	Hi: 13.5 Me	· 11 Lo: 8	36.0
O	Air flow			CMM			
equipment	F		Heating		Hi: 16.5 Me: 1		33.0
	Fresh ai				Not pos		_
			Quantity		Polypropylene net	(washable) x 2	
	ation absorbe	er			_		Cushion rubber (for compressor)
Electric heate	er				_		_
	Operation	on switch			Wireless-Rem	ote control	_
Operation	Room to	emperatu	re control		Microcompute		_
control	05051	n Diant-			RUN	Green , TIMER: Yell	low , HI POWER: Green ,
	Operation	on Display	у			3D AUTO: Green	, ECONO: Blue
					Compre	ssor overheat protec	ction, Overcurrent protection,
Safety device	es						ection, Indoor fan motor error protection,
,							ure control), Cooling overload protection
	Refriger	ant nining	g size (O.D)	mm	 	d line: φ6.35 (1/4")	Gas line: φ12.7 (1/2")
		ing meth			Liqu	Flare co	
	Connect	ing medi			Liquid line		inicoting
Installation	Attache	d length o	of piping	m	Gas Line		_
	In 1 11				Gas Line		
data		n for pipi				, ,	ides), independent
			one way)length			Max	
	i		fference betwe	en m			or unit is higher)
	outdoor	unit and	indoor unit			Max.20 (Outdo	or unit is lower)
Drain hose					Connectable	e (VP 16)	_
Power cable							-
Recommend	ed breaker siz	ze		Α		1	6
0	.11	Size x Co	ore numbe	•		1.5mm ² x 4 cores (Ir	ncluding earth cable)
Connection v	viring		ing method			Terminal block (S	
Accessories	(included)				Mounting kit. Clean file	· · · · · · · · · · · · · · · · · · ·	x 1, Photocatalytic washable deodorizing filter x
Optional part					Tanana in Grant in	Interface kit (
	nsions drawi	na numb			RKY000		RCT000Z004
			<u> </u>		RWA000		RWC000Z214
	ng drawing n		at the f-II	m oor -!!!!	I HVVAUUL		
Notes (1) I	ne data are m		at the following			The pipe length is 7.5	m.
		Item	Indoor air ten		Outdoor air temperature	Standards	
C	peration		DB	WB	DB WB		
C	cooling		27℃	19℃	35℃ 24℃	ISO-T1, JIS C 9612	2
	leating		20℃	_	7℃ 6℃]	
_		oner is m		nd tested in c	onformity with the ISO.		—
٠,					districts respectively.		
	-					otina pipina	
(4) I	-		to be charged	includes the	refrigerant in 15m conne	curig pipirig.	
	N		even for the sh	and the fact of the A			

RWA000Z214A

				Mode	1		SRK60			
Item					Indoor unit	SRK60Z		Outdoor unit SRC60ZIX-S		
Cooling capa				W			6000 (800 (Min.)	()/		
Heating capa				W			6800 (800 (Min.)			
Power supply							1 Phase, 220 -	~ 240 V, 50Hz		
	Power		Cooling	kW			1.86 (0.25			
	consum	ption	Heating	KVV			1.67 (0.25	5 ~ 2.70)		
	Running]	Cooling				8.5 / 8.2 / 7.8 (2	220/ 230/ 240 V)		
	current		Heating	A			7.7 / 7.3 / 7.0 (2	220/ 230/ 240 V)		
Operation	Inrush c	urrent					8.5 / 8.2 / 7.8 (2	220/ 230/ 240 V)		
data (1)	COP		Cooling				3.2	23		
uaia (1)	COF		Heating				4.0	07		
	Noise	Cooling	Sound level	dB (A)		Hi: 47 Me: 3	88 Lo: 26	51		
	INOISE	Cooming	Power level	dB		62		65		
	level	Heating	Sound level	dB (A)		Hi: 45 Me: 3	9 Lo: 33	51		
	level	liteating	Power level	dB		62		65		
Exterior dime	nsions (Heigl	nt x Width	n x Depth)	mm		309 x 890	x 220	640 x 800 (+71) x 290		
Exterior appe	arance					Fine sr	now	Stucco white		
(Munsell col	or)				(8.0	Y 9.3/0.1) n	ear equivalent	(4.2Y 7.5/1.1) near equivalent		
Net weight				kg		15		43		
	Compre	ssor type	e & Q'ty			_		5CS130XGB04 (Scroll type) x 1		
	Mo	tor (Starti	ing method)	KW				0.90 (Line starting)		
Dofrigorest	Refriger	ant oil		l			0.48 (RB68A or F			
Refrigerant	Refriger	ant (3)		Kg		R410A 1	.4 (Pre-Charged up	to the piping length of 15m)		
equipment	Heat ex	changer			Louve	r fins & inner	grooved tubing	M fins & inner grooved tubing		
	Refriger	ant contr	ol			С	apillary tubes + Elect	tronic expansion valve		
	Deice co	ontrol					Microcompi			
	Fan type	e & Q'ty				Tangential	fan x 1	Propeller fan x 1		
	Mo			W		27		34		
Air handling			Colling		Hi	: 14.5 Me: 1	2.5 Lo: 8.5	41.5		
equipment	Air flow		Heating	- CMM	Hi:	17.0 Me: 1	5.0 Lo: 11.0	36.0		
	Fresh ai	r intake				Not pos		_		
			Quantity		Polyp		(washable) x 2	-		
Shock & vibra			, ,		- 7/1		(,	Cushion rubber (for compressor		
Electric heate						_		_		
		on switch	1		l v	/ireless-Rem	ote control	-		
Operation			re control			crocompute		-		
control								ow , HI POWER: Green ,		
	Operation	on Displa	У				3D AUTO: Green			
						Compre	ssor overheat protec	tion, Overcurrent protection,		
Safety device	S				Frost p	•		ection, Indoor fan motor error protection		
•								ure control), Cooling overload protect		
	Refriger	ant pipin	g size (O.D)	mm			d line: φ6.35 (1/4")	Gas line: φ12.7 (1/2")		
		ing meth					Flare cor	. , ,		
					Liquid line : 0.55					
Installation	Attache	d length o	of piping	m		Gas Line: 0.49				
data	Insulation	on for pip	ina				Necessary (Both si	ides), independent		
			one way)lengt	h	Max.30					
			fference between					or unit is higher)		
	i	-	indoor unit				Max.20 (Outdoo			
Drain hose	Journal	ariit aria	macor and			Connectable	· · · · · · · · · · · · · · · · · · ·	_		
Power cable								<u> </u>		
Recommende	d breaker si	ze		A			10	6		
		т —	ore numbe				1.5mm ² x 4 cores (In			
Connection w	iring		ting method				Terminal block (S			
Accessories (included)	00	9		Mounting	kit Clean filt		(1, Photocatalytic washable deodorizing filter		
Optional parts					- mounting	1111, 010411 1111	Interface kit (
Exterior dime		na numbi	 er			RKY000		RCT000Z004		
Electrical wiri			<u>. </u>			RWA000		RWC000Z214		
			at the followin	a conditions	1	, 1000	The pipe length is 7.5r			
.40.03 (1) 11		Item	Indoor air ter		Jutdoor air t	emperature		 ¬		
	noration	_ ireiii					otanualus			
	peration	\rightarrow	DB 27°C	WB	DB 35°C	WB	ISO T1 IIS O 0640	\exists		
	ooling	-	27℃	19℃	35℃	24°C	ISO-T1 , JIS C 9612	·		
_	eating		20℃		7℃	6°C				
. ,			nanufactured a							
. ,			applied to the							
(A) Th	e refrigerant	quantity	to be charged	includes the	refrigerant in	15m conne	ctina ninina			
. ,	-		even for the s			i ioni conne	oung piping.			

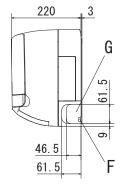
RWA000Z214A



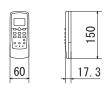
Space for installation and service when viewing from the front

559.1

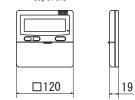
Symbol	Content	
A	Gas piping	Mode I 20~35 : φ9.52 (3/8") (Flare) 50,60 : φ12.7 (1/2") (Flare)
В	Liquid piping	φ6.35(1/4") (Flare)
C	Hole on wall for right rear piping	(<i>ϕ</i> 65)
D	Hole on wall for left rear piping	(φ65)
Е	Drain hose	VP16
F	Outlet for wiring	
G	Outlet for piping (on both side)	



Wireless remote controller



Wired - remote controller
(Option)

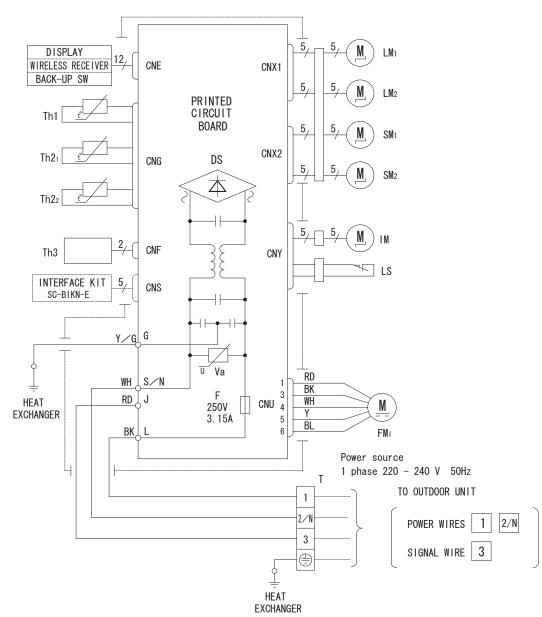


Notes (1) The model name label is attached on the underside of the panel.

(2) It takes the interface kit (SC-BIKN-E) to connect the wired remote controller.

Unit:mm





Item	Description
CNE-CNY	Connector
FMı	Fan motor
SM _{1, 2}	Flap motor
LM _{1, 2}	Louver motor
IM	Inlet motor
Th1	Room temp. sensor
Th2 _{1,2}	Heat exch. sensor
Th3	Humidity sensor (50,60 only)
LS	Limit switch
DS	Diode stack
F	Fuse
T	Terminal block
Va	Varistor

Color Marks

Mark	Color
BK	Black
BL	Blue
RD	Red
WH	White
Υ	Yellow
Y/G	Yellow/Green

2.2 Floor standing type (SRF)

(1) Specifications

Adapted to RoHS directive

				Model	SRF25ZIX-S			
Item					Indoor unit SRF25ZIX	X-S	Outdoor unit SRC25ZIX-S	
Cooling capacity	(1)			W		2500 (900 (Min.)	~ 3200 (Max.))	
Heating capacity	(1)			W		3400 (900 (Min.)	~ 4700 (Max.))	
Power supply						1 Phase, 220 -	~ 240 V, 50Hz	
11.7	Power		Cooling			0.521 (0.19		
	consum	otion	Heating	kW		0.723 (0.23		
	Running		Cooling			2.6 / 2.5 / 2.4 (2		
	current		Heating	A		3.6 / 3.4 / 3.3 (2	,	
		ırront	rieating	⊣ ^		3.6 / 3.4 / 3.3 (2	,	
Operation Inrush current		01:				,		
data (1)	COP		Cooling			4.8		
· /			Heating	ID (4)	111 00 11	4.7		
	Noise	Cooling	Sound level	dB (A)	Hi: 38 Me: 31	1 Lo: 26	47	
			Power level	dB	49		60	
	level	Heating	Sound level	dB (A)	Hi: 38 Me: 34	4 Lo: 28	47	
	lovoi	ricating	Power level	dB	49		60	
Exterior dimension	ons (Heigh	t x Width	x Depth)	mm	600 x 860	x 238	590 x 780 (+62) x 290	
Exterior appeara	nce				Fine sno	ow	Stucco white	
(Munsell color)					(8.0Y 9.3/0.1) ne	ar equivalent	(4.2Y 7.5/1.1) near equivalent	
Net weight				kg	18		38	
TOT WOIGHT	Compres	ssor type	& O'ty	iva iva			RM-B5077MDE1 (Rotary type) x 1	
				I/A/	_		, , ,	
			ng method)	KW	_	0.05 (DIAMOND	0.75 (Line starting)	
Refrigerant	Refrigera			l l		0.35 (DIAMOND	,	
equipment	Refrigerant (3)			Kg			to the piping length of 15m)	
Heat exchanger				Louver fins & inner of		M fins & inner grooved tubing		
	Refrigera	ant contro	ol		Ca	pillary tubes + Elect	ronic expansion valve	
Deice control					Microcompi	uter control		
	Fan type	& Q'tv			Turbo fan	1 X 1	Propeller fan x 1	
	Mot			W	40		24	
Air handling	IVIOL	01	Colling	- **	Hi: 9.0 Me: 7.	6 10:58	29.5	
equipment	Air flow			CMM	Hi: 10.5 Me: 8			
			Heating				27.0	
	Fresh air				Impossi		-	
		Quality /	Quantity		Polypropylene net (washable) x 1		
Shock & vibration	n absorbe	r			_		Cushion rubber (for compressor)	
Electric heater					_		_	
	Operatio	n switch			Wireless-Remo	ote control	_	
Operation	Room te	mperatur	e control		Microcomputer	thermostat	_	
control							ow , HI POWER: Green ,	
00.11.0.	Operatio	n Display	/				: Green , ECONO: Green	
Cafaty daylaga					Compres	sor overheat protec	tion, Overcurrent protection,	
Safety devices							ection, Indoor fan motor error protection	
	ID ()		. (0.5)				ure control), Cooling overload protection	
			1 SIZA (()))	mm	Liquid line: ϕ 6.35 (1/4") Gas line: ϕ 9.52 (3/8")			
		ant piping			Liquid			
		ant piping ng metho			Liquid	Flare cor		
Installation	connecti		od	m	_			
	connecti	ng metho	od of piping		_	Flare cor	nnecting	
nstallation data	Connecti Attached Insulatio	ng method I length on In for pipi	od of piping ng		_	Flare cor	nnecting – des), independent	
	Attached Insulatio Refrigera	ng method I length on In for pipi Int line (o	od of piping ng one way)length	m	_	Flare cor Necessary (Both si Max	nnecting — des), independent 15	
	Attached Insulatio Refrigera Vertical h	ng method I length on In for pipi In line (on Ineight dif	od of piping ng ne way)length ference betwee	m	_	Flare cor Necessary (Both si Max Max.10 (Outdoo	des), independent15 or unit is higher)	
data	Attached Insulatio Refrigera Vertical h	ng method I length on In for pipi In line (on Ineight dif	od of piping ng one way)length	m	_	Flare cor Necessary (Both si Max Max.10 (Outdoo Max.10 (Outdoo	des), independent15 or unit is higher)	
data Drain hose	Attached Insulatio Refrigera Vertical h	ng method I length on In for pipi In line (on Ineight dif	od of piping ng ne way)length ference betwee	m	_	Flare cor Necessary (Both si Max Max.10 (Outdoo Max.10 (Outdoo	des), independent15 or unit is higher)	
Drain hose	Attached Insulatio Refrigera Vertical h outdoor	ng method I length on In for pipi Int line (on Ineight diffunit and	od of piping ng ne way)length ference betwee	m n m	_	Flare cor Necessary (Both si Max Max.10 (Outdoo Max.10 (Outdoo (VP 16)	nnecting des), independent 15 or unit is higher) or unit is lower) —	
Drain hose	Attached Insulatio Refrigera Vertical I outdoor	ng method I length of In for pipile ant line (of neight diffunit and	od of piping ng ne way)length ference betwee indoor unit	m	Connectable	Flare cor Necessary (Both si Max Max.10 (Outdoo (VP 16) — 10	nnecting — Ides), independent 1.15 or unit is higher) or unit is lower) —	
data Drain hose Power cable Recommended b	Attached Insulatio Refrigera Vertical h outdoor	ng method I length of In for pipile ant line (of neight diffunit and	od of piping ng ne way)length ference betwee	m n m	Connectable	Flare cor Necessary (Both si Max Max.10 (Outdoo (VP 16) — 10	nnecting des), independent 15 or unit is higher) or unit is lower) —	
data Drain hose Power cable Recommended b	Attached Insulatio Refrigera Vertical I outdoor	ng method I length of In for pipil ant line (of neight diffunit and e Size x Co	od of piping ng ne way)length ference betwee indoor unit	m n m	Connectable	Flare cor Necessary (Both si Max Max.10 (Outdoo (VP 16) — 10	des), independent (.15 cr unit is higher) cr unit is lower) — — — — — — — — — — — — — — — — — — —	
data Drain hose Power cable Recommended b Connection wirin	Attached Insulatio Refrigera Vertical I outdoor	ng method I length of In for pipil ant line (of neight diffunit and e Size x Co	od of piping ng ne way)length ference betwee indoor unit	m n m	Connectable	Necessary (Both si Max Max.10 (Outdoo (VP 16)	des), independent c.15 cr unit is higher) cr unit is lower)	
data Drain hose Power cable Recommended be Connection wirin Accessories (incl	Attached Insulatio Refrigera Vertical I outdoor	ng method I length of In for pipil ant line (of neight diffunit and e Size x Co	od of piping ng ne way)length ference betwee indoor unit	m n m	Connectable	Necessary (Both si Max Max.10 (Outdoo (VP 16)	des), independent (.15 or unit is higher) or unit is lower)	
data Drain hose Power cable Recommended be Connection wirin Accessories (incl Dptional parts	Connecti Attached Insulatio Refrigera Vertical h outdoor preaker siz g	ng method length conforming method length conforming the length difference and length difference length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length length len	ord of piping one way llength ference betwee indoor unit ore numbe ong method	m n m	Connectable 1 Mounting kit, Clean filte	Flare cor Necessary (Both si Max Max.10 (Outdoo (VP 16) 10 .5mm² x 4 cores (In Terminal block (Ser (Natural Enzyme Filter Interface kit (des), independent15 or unit is higher) or unit is lower) — 6 cluding earth cable) crew fixing type) r x 1, Photocatalytic washable deodorizing filter: SC-BIKN-E)	
data Drain hose Power cable Recommended b Connection wirin Accessories (incl Optional parts Exterior dimensic	Connecti Attached Insulatio Refrigera Vertical h outdoor oreaker siz g uded)	ng method length of n for pipi ant line (oneight diffunit and le Size x Co	ord of piping one way llength ference betwee indoor unit ore numbe ong method	m n m	Connectable 1 Mounting kit, Clean filte	Flare cor Necessary (Both si Max Max.10 (Outdoo (VP 16) 10 .5mm² x 4 cores (In Terminal block (Ser (Natural Enzyme Filter Interface kit (des), independent15 or unit is higher) or unit is lower) — 6 cluding earth cable) crew fixing type) r x 1, Photocatalytic washable deodorizing filter SC-BIKN-E) RCV000Z004	
data Drain hose Power cable Recommended b Connection wirin Accessories (incl Optional parts Exterior dimensic Electrical wiring o	Connecti Attached Insulatio Refrigera Vertical h outdoor oreaker siz g uded)	ng method I length o In for pipi In for pipi In line (o In for pipi In line (o In for pipi In line (o In for pipi In line (o In for pipi In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In line (o In lin	ord of piping one way)length ference betwee indoor unit ore numbe ong method	m m	Connectable 1 Mounting kit, Clean filte	Flare cor Necessary (Both si Max Max.10 (Outdoo (VP 16) 10 .5mm² x 4 cores (In Terminal block (Ser (Natural Enzyme Filter Interface kit (2002	des), independent15 or unit is higher) or unit is lower) ————————————————————————————————————	
data Drain hose Power cable Recommended b Connection wirin Accessories (incl Optional parts Exterior dimensic	Connecti Attached Insulatio Refrigera Vertical h outdoor oreaker siz g uded)	ng method length of an for pipi ant line (oneight diffunit and length of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the s	od of piping ong one way)length ference betwee indoor unit ore numbe ong method er	m m A	Connectable 1 Mounting kit, Clean filte RFB0002 RWB0002	Flare cor Necessary (Both si Max Max.10 (Outdoo (VP 16) 10 .5mm² x 4 cores (In Terminal block (Ser (Natural Enzyme Filter Interface kit (2002 Z050 The pipe length is 7.5	des), independent15 or unit is higher) or unit is lower) ————————————————————————————————————	
Drain hose Power cable Recommended b Connection wirin Accessories (incl Optional parts Exterior dimensic Electrical wiring of	Connecti Attached Insulatio Refrigera Vertical h outdoor oreaker siz g uded)	ng method length of an for pipi ant line (oneight diffunit and length of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the s	od of piping ong one way)length ference betwee indoor unit ore numbe ong method er at the following Indoor air temp	m m A conditions.	Connectable 1 Mounting kit, Clean filte RFB0002 RWB0002	Flare cor Necessary (Both si Max Max.10 (Outdoo (VP 16) 10 .5mm² x 4 cores (In Terminal block (Ser (Natural Enzyme Filter Interface kit (2002	des), independent15 or unit is higher) or unit is lower) ————————————————————————————————————	
Drain hose Power cable Recommended b Connection wirin Accessories (incl Optional parts Exterior dimensic Electrical wiring o Notes (1) The c	Connecti Attached Insulatio Refrigera Vertical h outdoor oreaker siz g uded)	ng method length of an for pipi ant line (oneight diffunit and length of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the s	od of piping ong one way)length ference betwee indoor unit ore numbe ong method er	m m A	Connectable 1 Mounting kit, Clean filte RFB0002 RWB0002	Flare cor Necessary (Both si Max Max.10 (Outdoo (VP 16) 10 .5mm² x 4 cores (In Terminal block (Ser (Natural Enzyme Filter Interface kit (2002 Z050 The pipe length is 7.5	des), independent15 or unit is higher) or unit is lower) ————————————————————————————————————	
Drain hose Power cable Recommended b Connection wirin Accessories (incl Optional parts Exterior dimensic Electrical wiring o Notes (1) The c	Insulatio Refrigera Vertical I outdoor oreaker siz g uded) ons drawing nudata are me	ng method length of an for pipi ant line (oneight diffunit and length of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the s	od of piping ong one way)length ference betwee indoor unit ore numbe ong method er at the following Indoor air temp	m m A conditions.	Connectable 1 Mounting kit, Clean filte RFB000Z RWB000Z	Flare cor Necessary (Both si Max Max.10 (Outdoo (VP 16) 10 .5mm² x 4 cores (In Terminal block (Ser (Natural Enzyme Filter Interface kit (2002 Z050 The pipe length is 7.5	nnecting — des), independent c.15 or unit is higher) or unit is lower) — 6 cluding earth cable) crew fixing type) rx 1, Photocatalytic washable deodorizing filter: SC-BIKN-E) RCV000Z004 RWC000Z213 m.	
Drain hose Power cable Recommended b Connection wirin Accessories (incl Optional parts Exterior dimensic Electrical wiring o Notes (1) The o	Insulatio Refrigera Vertical I outdoor oreaker siz g uded) ons drawing nudata are m	ng method length of an for pipi ant line (oneight diffunit and length of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the s	od of piping ng ne way)length ference betwee indoor unit ore numbe ng method er at the following Indoor air temp DB	m m A	Connectable 1 Mounting kit, Clean filte RFB000Z RWB000Z Putdoor air temperature DB WB	Flare cor Necessary (Both si Max Max.10 (Outdoo Max.10 (Outdoo (VP 16)	nnecting — des), independent c.15 or unit is higher) or unit is lower) — 6 cluding earth cable) crew fixing type) rx 1, Photocatalytic washable deodorizing filter: SC-BIKN-E) RCV000Z004 RWC000Z213 m.	

- (3) The operation data are applied to the 220/230/240V districts respectively.
 (4) The refrigerant quantity to be charged includes the refrigerant in 15m connecting piping. (Purging is not required even for the short piping.)

RWB000Z051

Adapted to **RoHS** directive

u				Mo	del		SRF3	5ZIX-S
Item				IVIO	Indoo	unit SRF35		Outdoor unit SRC35ZIX-S
Cooling capacity	y (1)			W			3500 (900 (Min.) ~ 4100 (Max.))
Heating capacity	y (1)			W			4500 (900 (Min.) ~ 5100 (Max.))
Power supply							1 Phase, 220	~ 240 V, 50Hz
	Power		Cooling	kW			0.890 (0.1	9 ~ 1.26)
	consumpt	tion	Heating	KVV			1.124 (0.2	3 ~ 1.43)
	Running		Cooling				4.1 / 3.9 / 3.7 (220/ 230/ 240 V)
	current		Heating	A			5.2 / 4.9 / 4.7 (220/ 230/ 240 V)
Operation	Inrush cur	rrent					5.2 / 4.9 / 4.7 (220/ 230/ 240 V)
data (1)	COP		Cooling					93
data (1)			Heating			4.0		
	Noise (Cooling	Sound level		_	Hi: 39 Me:		50
			Power level	dB		50		63
	level H	Heating	Sound level			Hi: 39 Me:		50
			Power level	dB		50		62
Exterior dimensi		x Width	x Depth)	mr	1	600 x 86		590 x 780 (+62) x 290
Exterior appeara						Fines		Stucco white
(Munsell color))			lea-		· ,	near equivalent	(4.2Y 7.5/1.1) near equivalent
Net weight	Commun	or to ==	9 O'th/	kg		19		38
	Compress		a Q'ty	KW			-	RM-B5077MDE1 (Rotary type) x 1 0.90 (Line starting)
			ig memoa)	l KVV			0.35 (DIVINOVID	FREEZE MA68)
Refrigerant	Refrigerant oil Refrigerant (3)			ν Kg	+	D/104		o to the piping length of 15m)
equipment	Heat exch			- Rg			r grooved tubing	
	Refrigerar		N.					tronic expansion valve
	Deice con							outer control
	Fan type 8					Turbo f		Propeller fan x 1
	Moto			W		40		24
Air handling			Colling			Hi: 9.2 Me:		32.5
equipment	Air flow		Heating	- CMI	Λ -	Hi: 10.7 Me:		29.5
oquipinoni	Fresh air i	ntake	Tricating			Impos		_
	Air filter, C		Quantity		F		t (washable) x 1	_
Shock & vibratio		xuanty /	Quartity		<u> </u>	-	· · · · ·	Cushion rubber (for compressor)
Electric heater						_		_
	Operation	switch				Wireless-Rer	note control	_
Operation	Room ten	nperatur	e control			Microcompute	er thermostat	_
control	Operation	Display	,			RUN: Green , TIMER: Yellow , HI POWER: Green , AIR OUTLET SELECTION: Green , ECONO: Green		
								ction, Overcurrent protection,
Safety devices					1			ection, Indoor fan motor error protection, ure control), Cooling overload protection
	Refrigerar	nt piping	size (O.D)	mr	1	Liqu	d line: ϕ 6.35 (1/4")	Gas line: ϕ 9.52 (3/8")
	connectin	g metho	od			Flare connecting		
	Attachad	lanath a	falalas					
Installation	Attached	ierigin o	n hihiliß	m			<u> </u>	
data	Insulation	for pipi	ng				Necessary (Both s	ides), independent
		erant line (one way)length						x.15
			ference betw	reen m				or unit is higher)
	outdoor u	nit and i	ndoor unit				Max.10 (Outdo	or unit is lower)
Drain hose						Connectab	e (VP 16)	_
Power cable							-	-
Recommended I				A				6
Connection wirir	na 🛏		re numbe					ncluding earth cable)
	<u> </u>	Connecti	ng method					Screw fixing type)
Accessories (inc	luded)				Mour	ting kit, Clean fi		r x 1, Photocatalytic washable deodorizing filter x 1
Optional parts								SC-BIKN-E)
Exterior dimensi			r			RFB00		RCV000Z004
Electrical wiring						RWB00		RWC000Z213
Notes (1) The	data are me			-			The pipe length is 7.5	m.
		Item_	Indoor air te			air temperature	Standards	
	ration	\rightarrow	DB	WB	DB	WB		
	ling		27°C	19℃	35℃	24℃	ISO-T1 , JIS C 9612	2
Cool		1	20℃	_	7℃	6℃		
Cool Heat	ting						-	
Cool Heat (2) This	ting air-condition		anufactured a			ty with the ISO.		
Cool Heat (2) This (3) The o	ting air-condition operation da	ata are a	anufactured a	220/230/2	10V distric	ty with the ISO.		
Cool Heat (2) This (3) The (4) The (4)	ting air-conditior operation da refrigerant q	ata are a Juantity t	anufactured a	e 220/230/24 d includes t	10V distric ne refriger	ty with the ISO.	ecting piping.	

RWB000Z051

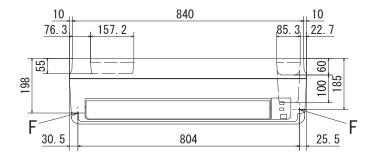
Adapted to **RoHS** directive

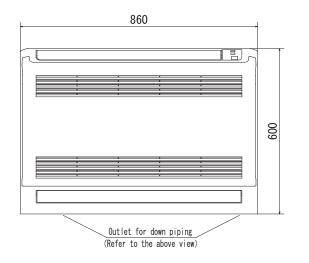
				Mod	iel		SRF5	Adapted to RoHS of SOZIX-S	
Item				IVIO	Indoor ur	nit SRF50Z		Outdoor unit SRC50ZIX-S	
Cooling cap	acity (1)			W				.) ~ 5500 (Max.))	
Heating cap	acity (1)			W			6000 (700 (Min	.) ~ 7000 (Max.))	
Power supp	y							~ 240 V, 50Hz	
	Power		Cooling	Is\A/			1.390 (0.	.2 ~ 1.80)	
	consur	nption	Heating	kW			1.540 (0.	.2 ~ 2.25)	
	Runnir	ng	Cooling				6.4 / 6.1 / 5.8 ((220/ 230/ 240 V)	
	current	t	Heating	A			7.1 / 6.8 / 6.5 ((220/ 230/ 240 V)	
Onevetion	Inrush	current					7.1 / 6.8 / 6.5 ((220/ 230/ 240 V)	
Operation	COD		Cooling				3	.60	
data (1)	COP		Heating			3.9		.90	
	NI-i	0 "	Sound level	dB (A	.)	Hi: 45 Me: 3	38 Lo: 30	48	
	Noise	Cooling	Power level	dB		56	;	62	
	l		Sound level	dB (A	.)	Hi: 45 Me: 3	38 Lo: 32	48	
	level	Heating	Power level	dB		56	;	62	
Exterior dim	ensions (Heig	ght x Width	h x Depth)	mm		600 x 860	0 x 238	640 x 800 (+71) x 290	
Exterior app	earance					Fine s	now	Stucco white	
(Munsell co					(8	.0Y 9.3/0.1) r	near equivalent	(4.2Y 7.5/1.1) near equivale	ent
Net weight				kg		19	<u> </u>	43	
	Compr	ressor type	e & Q'ty					5CS130XGB04 (Scroll type)	x 1
			ing method)	KW		_		0.90 (Line starting)	
D ()	Refrigerant oil		l			0.48 (RB68A or	Freol Alpha 68M)		
Refrigerant		Refrigerant (3)		Kg		R410A		p to the piping length of 15m)	
equipment		xchanger		19	Louv		r grooved tubing	· · · · · · · · · · · · · · · · · · ·	ng
		erant contr	rol					ctronic expansion valve	<u> </u>
		control	<u>. </u>					puter control	
		oe & Q'ty				Turbo fa		Propeller fan x 1	
		otor		W		40		34	
Air handling			Colling			Hi: 11.5 Me:		36.0	
equipment Air flow		Heating	- CMM		Hi: 12.0 Me:		33.0		
equipment	Fresh (air intake	Tricating		<u>'</u>	Impos			
		er, Quality /	/ Ouantity		Poly	•	(washable) x 1		
Shock & vib	ration absorb		Quantity		Foly	propylerie riet	(washable) x i	Cushion rubber (for compress	cor)
Electric heat)CI						Cushion tubber (for compress	301)
Electric fleat		tion switch		-		Wireless-Rem	note control		
Operation		temperatu				/licrocompute			
control	ROOM	temperatu	ile control		- 1			ellow , HI POWER: Green ,	
COLLIO	Operat	tion Displa	y					N: Green , ECONO: Green	
								ection, Overcurrent protection,	
Safety devic	00				Eroct		•	tection, Indoor fan motor error prote	otion
Salety devic	62				1			sure control), Cooling overload prote	
	Dofrigo	ront ninin	a oizo (OD)	mm	Heatii				SCHOIL
			g size (O.D)	mm		Liquid line: ϕ 6.35 (1/4") Gas line: ϕ 12.7 (1/2") Flare connecting			
	connec	cting meth	lou				Flare CC	I	
Installation	Attach	ed length	of piping	m		_		_	
Installation	las-colo t	ion for =!	ina				Noncessar / D-41	oidea \ independent	
data		ion for pip		41-			, ,	sides), independent	
		Refrigerant line (one way Vertical height difference						ax.30	
				reen m		Max.20 (Outdoor unit is higher) Max.20 (Outdoor unit is lower)			
	outdoo	or unit and	indoor unit						
Drain hose						Connectable	e (VP 16)	_	
Power cable									
Recommend	ded breaker s			A				16	
Connection	wiring		ore numbe					Including earth cable)	
		Connect	ting method					Screw fixing type)	
Accessories	, ,				Mountin	g kit, Clean fil		er x 1, Photocatalytic washable deodorizing	filter x 1
Optional par								(SC-BIKN-E)	
	ensions draw		er			RFB000		RCT000Z004	
	ring drawing					RWB000	0Z050	RWC000Z214	
Notes (1)	he data are	measured	at the following	ng condition	S		The pipe length is 7.	5m.	
Γ		Item	Indoor air te	mperature	Outdoor air	temperature	Standards		
	Operation		DB	WB	DB	WB			
-	Cooling		27°C	19℃	35℃	24℃	ISO-T1 , JIS C 961	2	
-	Heating		20℃	_	7°C	6℃			
_		itioner is m	nanufactured a	and tested in					
. ,			applied to the						
. ,			to be charged				ectina pipina.		
			even for the				9'8'		
	i arging to HU	, roquireu	24011 101 1116 3	or or r bibling.	,				

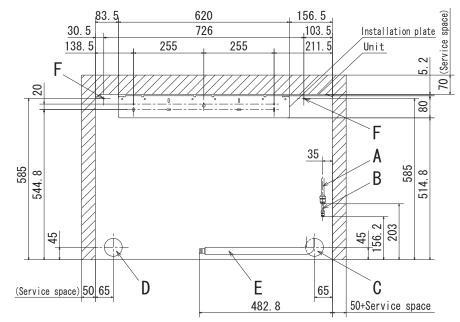
RWB000Z051

RF
₩
0
0
2
7
)(
2

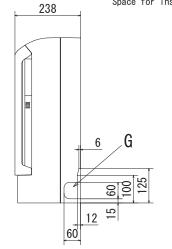
Symbol	Conte	ent	
Α	Gas piping	Model	25, 35 : φ9. 52 (3/8") (Flare) 50 : φ12. 7 (1/2") (Flare)
В	Liquid piping	φ6.3	5 (1/4") (Flare)
С	Hole on wall for right rear piping	(φ65	5)
D	Hole on wall for left rear piping	(φ65	5)
Е	Drain hose	VP16	
F	Screw point fasten the indoor unit	φ5	
G	Outlet for piping (on both side)		







Space for installation and service when viewing from the front

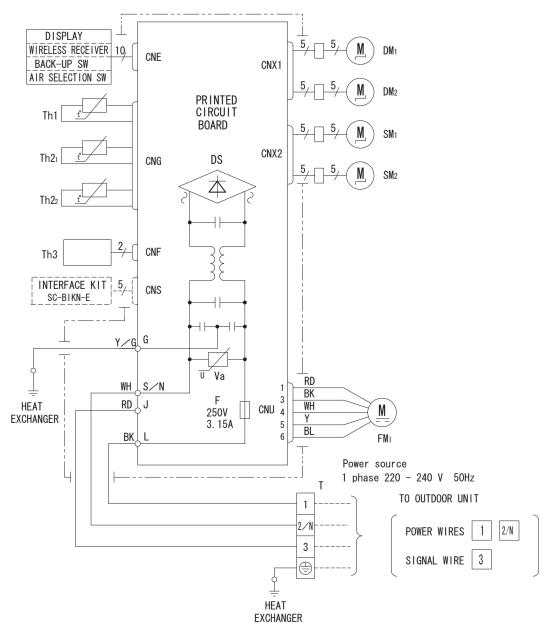


Wireless remote controller Wired remote controller (Option)



Notes

- The model name label is attached on the rightside of the unit. It takes the interface kit (SC-BIKN-E) to connect the wired remote controller.
- (3) In case of wall installation, leave the unit 150mm or less from the floor.



Item	Description
CNE-CNX2	Connector
FMı	Fan motor
SM _{1, 2}	Flap motor
DM ₁	Damper motor
DM ₂	Damper arm motor
Th1	Room temp. sensor
Th2 _{1,2}	Heat exch. sensor
Th3	Humidity sensor
DS	Diode stack
F	Fuse
T	Terminal block
Va	Varistor

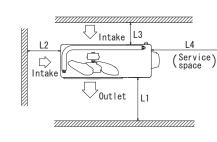
Colo	r Marks
Mark	Color
BK	Black
BL	Blue
RD	Red
WH	White
Υ	Yellow
Y/G	Yellow/Green

OUTDOOR UNIT

(1) Exterior dimensions
Models SRC20ZIX-S, 25ZIX-S, 35ZIX-S

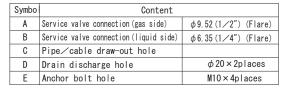
Notes (1) It must not be surrounded by walls on the four sides. (2) The unit must be fixed with anchor bolts. An anchor bolt must not protrude more than 15mm.

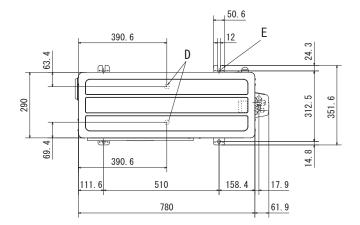
- (3) Where the unit is subject to strong winds, lay it in such a direction that the blower outlet faces perpendioularly to the dominant wind direction.
- (4) Leave 1m or more space above the unit.
- (5) A wall in front of the blower outlet must not exceed the units height.
- (6) The model name label is attached on the lower right comer of the front panel.

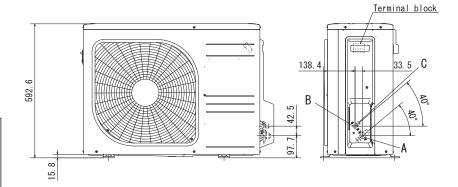


Minimum installation space

Examples of installation Dimensions	I	п	III	M
L1	0pen	280	280	180
L2	100	75	0pen	0pen
L3	100	80	80	80
L4	250	0pen	250	0pen



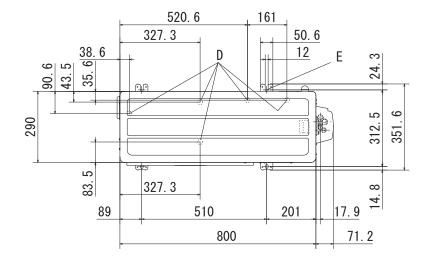


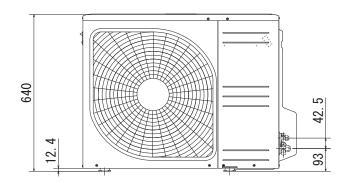


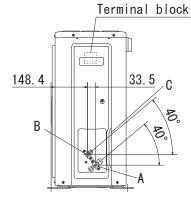
15

RCT000Z004

Symbol	Content	
Α	Service valve connection(gas side)	φ12.7(1/2") (Flare)
В	Service valve connection(liquid side)	φ6.35(1/4") (Flare)
С	Pipe/cable draw-out hole	
D	Drain discharge hole	φ20×5places
Е	Anchor bolt hole	M10×4places

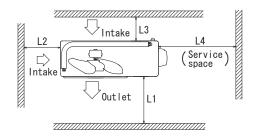






Notes

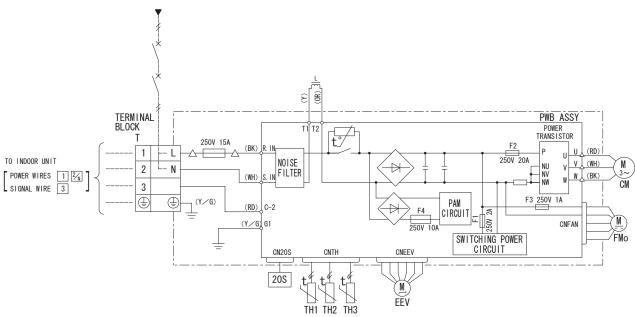
- (1) It must not be surrounded by walls on the four sides.
- (2) The unit must be fixed with anchor bolts. An anchor bolt must not protrude more than 15mm.
- (3) Where the unit is subject to strong winds, lay it in such a direction that the blower outlet faces perpendioularly to the dominant wind direction.
- (4) Leave 1m or more space above the unit.
- (5) A wall in front of the blower outlet must not exceed the units height.
- (6) The model name label is attached on the lower right comer of the front panel.



Minimum installation space

Examples of installation Dimensions	I	П	III	M
L1	0pen	280	280	180
L2	100	75	0pen	0pen
L3	100	80	80	80
L4	250	0pen	250	0pen

POWER SOURCE 1~220-240V 50Hz/1~220V 60Hz



Item	Description
CM	Compressor motor
CNEEV~20S	Connector
EEV	Electric expansion valve (coil)
FMo	Fan motor
L	Reactor
T	Terminal block
TH1	Heat exchanger sensor (outdoor unit)
TH2	Outdoor air temp. sensor
TH3	Discharge pipe temp.sensor
20S	Solenoid valve for 4 way valve

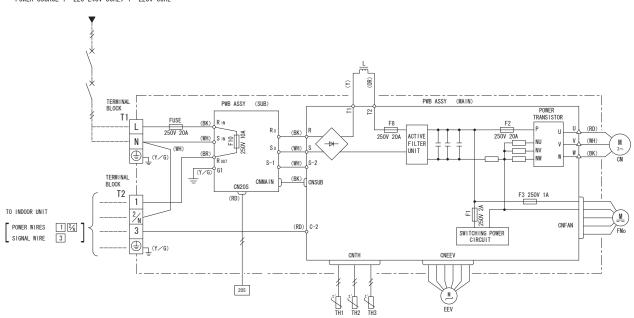
Mark	Color	
BK	Black	
OR	Orange	
RD	Red	
WH	White	
Υ	Yellow	
Y/G	Yellow/Green	

Power cable, indoor-outdoor connecting wires

	Tonor Gabro, Thator Galacor Gollington, William					
Model	MAX running current (A)	Power cable size (mm²)		indoor-outdoor wire size x number	Earth wire size (mm)	
20						
25	8	2. 0	32	φ1.6mm x 3	φ1.6mm	
35						

- The specifications shown in the above table are for units without heaters. For units with heaters, refer to the installation instructions or the construction instructions of the indoor unit.
- Switchgear of Circuit breaker capacity which is calculated from MAX. over current should be chosen along the regulations in each country.
- The cable specifications are based on the assumption that a metal or plastic conduit is used with no more than three cables contained in a conduit and a voltage drop is 2%. For an installation falling outside of these conditions, please follow the internal cabling regulations. Adapt it to the regulation in effect in each country.





Item	Description
CM	Compressor motor
CNEEV~20S	Connector
EEV	Electric expansion valve (coil)
FMo	Fan motor
L	Reactor
T1, 2	Terminal block
TH1	Heat exchanger sensor (outdoor unit)
TH2	Outdoor air temp.sensor
TH3	Discharge pipe temp.sensor
20S	Solenoid valve for 4 way valve

Mark	Color		
BK	Black		
BR	Brown		
OR	Orange Red		
RD			
WH	White		
Υ	Yellow		
Y/G	Yellow/Green		

Power cable, indoor-outdoor connecting wires

Model	MAX running current (A)	Power cable size (mm²)		indoor-outdoor wire size x number	Earth wire size (mm)	
50	1.4	2.0	10	41 6 2	4.1 C	
60	14	2. 0	18	φ1.6mm x 3	φ1.6mm	

- The specifications shown in the above table are for units without heaters. For units with heaters, refer to the installation instructions or the construction instructions of the indoor unit.
- Switchgear of Circuit breaker capacity which is calculated from MAX. over current should be chosen along the regulations in each country.
- The cable specifications are based on the assumption that a metal or plastic conduit is used with no
 more than three cables contained in a conduit and a voltage drop is 2%. For an installation falling
 outside of these conditions, please follow the internal cabling regulations. Adapt it to the regulation
 in effect in each country.

INVERTER WALL MOUNTED TYPE AND FLOOR STANDING TYPE **ROOM AIR-CONDITIONER**



A MITSUBISHI HEAVY INDUSTRIES, LTD.

Air-Conditioning & Refrigeration Systems Headquarters 16-5, 2-chome, Kounan, Minato-ku, Tokyo, 108-8215, Japan

Fax: (03) 6716-5926

Because of our policy of continuous improvement. we reserve the right to make changes in all specifications without notice.