

[1] SPECIFICATIONS

(1) Inverter Series (Heat pump)

Model			RSXY5H(J)	RSXY8H(J)	RSXY10H(J)	
★1 Cooling capacity		kcal/h	12,500	20,000	25,000	
		Btu/h	49,600	79,400	99,300	
		kW	14.5	23.3	29.1	
★2 Heating capacity		kcal/h	14,000	22,400	28,000	
		Btu/h	55,600	88,900	111,200	
		kW	16.3	26.1	32.6	
Casing color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)	
Dimensions: (H x W x D)		mm	1,440×635×690	1,220×1,280×690	1,440×1,280×690	
Coil (cross fin coil)	RowsXStagesXFin pitch	mm	2×50×2.0	2×40×2.0	2×50×2.0	
	Face area	m ³	1.26	1.57	1.97	
Compressor	Model		Y ₁	JT100BAVYE	JT100BAVYE+JT100BATYE	JT100BAVYE+JT160BATYE
			YAL	JT100BAVYE	JT100BAVYE+JT100BATYH	JT100BAVYE+JT160BATYH
			TAL	JT100BAV	JT100BAVT+JT100BAT	JT100BAVT+JT160BAT
	Type		Hermetically sealed scroll type	Hermetically sealed scroll type	Hermetically sealed scroll type	
	Piston displacement	Y ₁	m ³ /h	21.85	21.85+9.38	21.85+14.46
		YAL, TAL	m ³ /h	21.85	21.85+11.16	21.85+17.20
	Number of revolutions	Y ₁	r.p.m	6,750	6,750, 2,900	6,750, 2,900
		YAL, TAL	r.p.m	6,750	6,750, 3,450	6,750, 3,450
	Motor output x number of units		kW	3.5×1	(3.5+2.2)×1	(3.5+3.75)×1
Starting method			Direct on line (inverter method)	Direct on line (inverter method)	Direct on line (inverter method)	
Fan	Model		P55J11F	P55J11F	P55J11F	
	Type		Propellor fan	Propellor fan	Propellor fan	
	Motor output	W	190	140+230	140+230	
	Air flow rate	m ³ /min	80	150	170	
	Drive		Direct drive	Direct drive	Direct drive	
Connecting pipes	Liquid pipes		9.5mm (Brazing connection)	12.7mm (Flare connection)	12.7mm (Flare connection)	
	Gas pipes		19.1mm (Brazing connection)	25.4mm (Brazing connection)	28.6mm (Brazing connection)	
Weight (Reference value)		kg	150	240	265	
Sound level (50/60Hz) (380V) dB(A)			54/54	57/58	57/58	
Safety devices			High pressure switch, fan motor safety thermostat, inverter overload protector, fusible plugs, fuses	High pressure switch, fan motor safety thermostat, overcurrent relay, inverter overload protector, fusible plugs, fuses	High pressure switch, fan motor safety thermostat, overcurrent relay, inverter overload protector, fusible plugs	
Defrost method			Deicer	Deicer	Deicer	
Capacity control		%	26 to 100	18 to 100	15 to 100	
Refrigerant	Refrigerant name		R22	R22	R22	
	Charge	kg	9.3	15.4	17.7	
	Control		Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	
Refrigerator oil	Refrigerant oil		SUNISO4GSDiD-K	SUNISO4GSDiD-K	SUNISO4GSDiD-K	
	Charge volume	ℓ	1.2	1.3+1.3	1.3+1.6	
Standard accessories			Installation manual, clamp metal, connection pipes, sealing pads,clamps,fuses, screws	Installation manual, clamp metal, connection pipes, sealing pads,clamps,fuses, screws	Installation manual, clamp metal, connection pipes, sealing pads,clamps,fuses, screws	

Notes1: ★1 Indoor temp.: 27°CDB or 19.5°CWB / outdoor temp.: 35°CDB / pipe length: 5m, level difference: 0m.

★2 Indoor temp.: 21°CDB / outdoor temp.: 7°CDB or 6°CWB / pipe length: 5m, level difference: 0m.

2: The units with anti-corrosion treatment will be available as standard. Please specify the suffix "E" as RSXY5H(J)Y1E, YALE, TALE.
The casing color is Light Camel (2.5Y 6.5/1.5)