

VRV III-S heat pump

Space saving solution without compromising on efficiency

- › For residential and light commercial applications
- › Wide range of indoor units: either connect VRV or stylish indoor units such as Daikin Emura, Nexura ...
- › Energy efficient heating system based on air source heat pump technology, lowering energy bills and CO₂ emissions
- › Connect up to 9 indoor units, which can all be individually controlled
- › Possibility to combine different types of indoor units: wall mounted, floor standing, concealed ceiling, ceiling suspended, round flow or 4-way blow cassettes
- › 3 steps in night quiet mode: step 1: 47dBA, step 2: 44 dBA, step 3: 41 dBA
- › Contains all standard VRV features (see page 206)



Outdoor unit			RXYSQ	4P8V1	5P8V1	6P8V1	4P8Y1	5P8Y1	6P8Y1
Capacity range			HP	4	5	6	4	5	6
Cooling capacity	Nom.		kW	12.6	14.0	15.5	12.6	14.0	15.5
Heating capacity	Nom.		kW	14.2	16.0	18.0	14.2	16.0	18.0
Power input - 50Hz	Cooling	Nom.	kW	3.24	3.51	4.53	3.33	3.61	4.66
	Heating	Nom.	kW	3.12	3.86	4.57	3.21	3.97	4.70
EER				3.89	3.99	3.42	3.78	3.88	3.33
COP				4.55	4.15	3.94	4.42	4.03	3.83
Maximum number of connectable indoor units				8 (1) / 8 (2)	10 (1) / 9 (2)	12 (1) / 9 (2)	8 (1) / 8 (2)	10 (1) / 9 (2)	12 (1) / 9 (2)
Indoor index connection	Min.			50	62.5	70	50	62.5	70
	Nom.								
	Max.			130	162.5	182	130	162.5	182
Dimensions	Unit	HeightxWidthxDepth	mm	1,345x900x320					
Weight	Unit		kg	120					
Fan	Air flow rate	Cooling	Nom.	m ³ /min					
				106					
Sound power level	Cooling	Nom.	dBA	66	67	69	66	67	69
	Heating	Nom.	dBA	50	51	53	50	51	53
Sound pressure level	Cooling	Nom.	dBA	52	53	55	52	53	55
	Heating	Nom.	dBA						
Operation range	Cooling	Min.~Max.	°CDB	-5~46					
	Heating	Min.~Max.	°CWB	-20~15.5					
Refrigerant	Type / GWP			R-410A / 2,087.5					
	Charge		kg	4.0					
	Charge		TCO ₂ Eq	8.4					
Piping connections	Liquid	OD	mm	9.52					
	Gas	OD	mm	15.9 / 19.1	19.1	15.9 / 19.1	19.1	15.9 / 19.1	19.1
	Total piping length	System	Actual	m	300 / 115	300 / 135	300 / 145	300 / 115	300 / 135
Power supply	Phase/Frequency/Voltage		Hz/V	1N~/50/220-240			3N~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)		A	32.0			16.0		

(1) In case VRV indoor units are connected (2) In case RA indoors are connected