

VRV IV S-series heat pump

RXYSQ-TV1/RXYSQ-TY1



VRV IV S-series

Space saving solution without compromising on efficiency

- › Space saving trunk design for flexible installation
- › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units and Biddle air curtains
- › Wide range of indoor units: either connect VRV or stylish indoor units such as Daikin Emura, Nexura ...
- › Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature and full inverter compressors

RXYSQ-TV1/RXYSQ-TY1

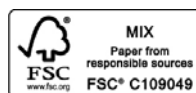
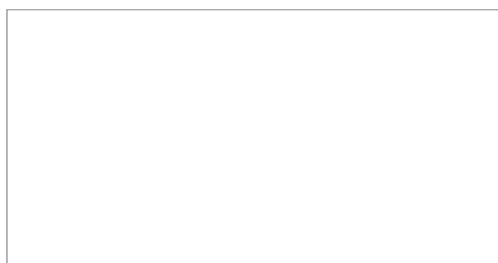


RXYSQ4-6TV1_TY1

Outdoor unit			RXYSQ-TV1/RXYSQ-TY1	4TV1	5TV1	6TV1	4TY1	5TY1	6TY1	8TY1	10TY1	12TY1	
Capacity range			HP	4	5	6	4	5	6	8	10	12	
Cooling capacity	Nom.	35°CDB	kW	12.1	14.0	15.5	12.1	14.0	15.5				
		Eurovent	kW								22.4	28.0	33.5
Heating capacity	Nom.	6°CWB	kW	12.1 (1)	14.0 (1)	15.5 (1)	12.1 (1)	14.0 (1)	15.5 (1)	22.4 (1)	28.0 (1)	33.5 (1)	
		6°CWB	kW	14.2 (1)	16.0 (1)	18.0 (1)	14.2 (1)	16.0 (1)	18.0 (1)	25.0 (1)	31.5 (1)	37.5 (1)	
Power input - 50Hz	Cooling	Nom.	35°CDB	kW	3.03	3.73	4.56	3.03	3.73	4.56			
			Eurovent	kW								6.12	8.24
	Heating	Nom.	6°CWB	kW	2.68 (1)	3.27 (1)	3.97 (1)	2.68 (1)	3.27 (1)	3.97 (1)	5.20 (1)	6.60 (1)	8.19 (1)
			6°CWB	kW	3.43 (1)	4.09 (1)	5.25 (1)	3.43 (1)	4.09 (1)	5.25 (1)	6.22 (1)	8.33 (1)	10.2 (1)
EER at nom. capacity	Eurovent		kW/kW							3.66	3.40	3.30	
COP at nom. capacity	6°CWB		kW/kW	4.52 (1)	4.28 (1)	3.90 (1)	4.52 (1)	4.28 (1)	3.90 (1)	4.31 (1)	4.24 (1)	4.09 (1)	
ESEER - Automatic				7.89	7.49	6.73	7.89	7.49	6.73	6.72	6.41	6.18	
ESEER - Standard				6.18	5.77	5.23	6.18	5.77	5.23	5.63	5.02	4.87	
Dimensions	Unit	HeightxWidthxDepth		mm						1,345x900x320	1,430x940x320	1,615x940x460	
Maximum number of connectable indoor units									64				
Indoor index connection	Min.			50	62.5	70	50	62.5	70	100	125	150	
	Max.			130	162.5	182	130	162.5	182	260	325	390	
Weight	Unit		kg	104						144	175	180	
Fan	Air flow rate	Cooling	Nom.	m ³ /min						140	182		
Sound power level	Cooling	Nom.		68	69	70	68	69	70	73	74	76	
Sound pressure level	Cooling	Nom.		50	51		50	51		55		57	
Operation range	Cooling	Min.~Max.	°CDB	-5~46						-5~52			
	Heating	Min.~Max.	°CWB	-20~15.5									
Refrigerant	Type			R-410A									
	GWP			2,087.5									
	Charge		TCO ₂ eq	7.5						9.4	14.6	16.7	
Piping connections	Liquid	OD	mm	9.52						5.5	7	8	
	Gas	OD	mm	15.9	19.1		15.9		19.1		22.2	25.4	
	Total piping length	System	Actual	300									
Power supply	Phase/Frequency/Voltage		Hz/V	1N~/50/220-240						3N~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)		A	32						16	25	32	

(1) Actual number of units depends on the indoor unit type (VRV DX indoor, RA DX indoor, etc.) and the connection ratio restriction for the system (being; 50% ≤ CR ≤ 130%).

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ECPEN16-233 08/16



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