

VRV IV S-series heat pump

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
- › Possibility to limit peak power consumption between 30 and 80%, for example during periods with high power demand
- › Contains all standard VRV features



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	14.0	15.5	12.1	14.0	15.5	22.4	28.0	33.5			
	Max.	6°CWB	kW	14.2	16.0	18.0	14.2	16.0	18.0	25.0	31.5	37.5			
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	10.2	
	Heating	Nom.	6°CWB	kW	2.68	3.27	3.97	2.68	3.27	3.97	5.20	6.60	8.19		
		Max.	6°CWB	kW	3.43	4.09	5.25	3.43	4.09	5.25	6.22	8.33	10.2		
EER at nom. capacity	Eurovent			kW/kW							-	3.66	3.40	3.30	
COP at nom. capacity	6°CWB			kW/kW	4.52	4.28	3.90	4.52	4.28	3.90	4.31	4.24	4.09		
COP at max. capacity	6°CWB			kW/kW	4.14	3.91	3.43	4.14	3.91	3.43	4.02	3.78	3.66		
ESEER - Automatic					7.89	7.49	6.73	7.89	7.49	6.73	6.72	6.41	6.18		
Maximum number of connectable indoor units					64 (1)										
Indoor index connection	Min.				50	62.5	70	50	62.5	70	100	125	150		
	Nom.														
	Max.				130	162.5	182	130	162.5	182	260	325	390		
Dimensions	Unit	HeightxWidthxDepth			mm						1,345x900x320		1,430x940x320	1,615x940x460	
Weight	Unit				kg						104		144	175	180
Fan	Air flow rate	Cooling	Nom.	m³/min	106						140		182		
Sound power level	Cooling	Nom.			dBA	68	69	70	68	69	70	73	74	76	
Sound pressure level	Cooling	Nom.			dBA	50	51		50	51		55		57	
Operation range	Cooling	Min.~Max.			°CDB	-5~46								-5~52	
	Heating	Min.~Max.			°CWB										
Refrigerant	Type				R-410A										
	GWP				2,087.5										
	Charge			TCO₂eq	7.5						9.4	14.6	16.7		
				kg	3.6						5.5	7	8		
Piping connections	Liquid	OD			mm	9.52								12.7	
	Gas	OD			mm	15.9		19.1	15.9		19.1		22.2	25.4	
	Total piping length		System	Actual	m	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%).