

# Replacement VRV



Outdoor unit		RXYQQ-T	RQYQ140P	8T	10T	12T	14T	16T	18T	20T					
System		Outdoor unit module 1		RQYQ140P		-		-		-					
Capacity range		HP		5	8	10	12	14	16	18	20				
Cooling capacity		kW		14.0	22.4	28.0	33.5	40.0	45.0	50.4	56.0				
Heating capacity		Nom.		kW	16.0	22.4	28.0	33.5	40.00	45.0	50.4	56.0			
		Max.		kW	-	25.00	31.50	37.50	45.00	50.00	56.50	63.00			
Power input - 50Hz		Cooling	Nom.	kW	3.36	5.21	7.29	8.98	11.0	13.0	15.0	18.5			
		Heating	Nom.	kW	3.91	4.75	6.29	7.77	9.52	11.1	12.6	14.50			
			Max.	kW	-	5.5	7.38	9.1	11.2	12.8	14.6	17.0			
EER				kW	4.17	4.30	3.84	3.73	3.64	3.46	3.36	3.03			
ESEER - Automatic					-	7.53	7.20	6.96	6.83	6.50	6.38	5.67			
ESEER - Standard					-	6.37	5.67	5.50	5.31	5.05	4.97	4.42			
COP at nominal capacity				kW	4.09	4.72	4.45	4.31	4.20	4.05	4.00	3.86			
COP at maximum capacity				kW	-	4.54	4.27	4.12	4.02	3.91	3.87	3.71			
Maximum number of connectable indoor units					10				64						
Indoor index		Min.		62.5	100	125	150	175	200	225	250				
connection		Nom.		125	200	250	300	350	400	450	500				
		Max.		162.5	260	325	390	455	520	585	650				
Dimensions		Unit	HeightxWidthxDepth	mm	1,680x635x765	1,685x930x765		1,685x1,240x765		1,685x1,240x765					
Weight		Unit	kg	175	187	194		305		314					
Fan		Air flow rate	Cooling	Nom.	m³/min	95	162	175	185	223	260	251	261		
		Sound power level	Cooling	Nom.	dBA	-	78	79	81		86		88		
		Sound pressure level	Cooling	Nom.	dBA	54.0	58		61		64	65	66		
Operation range		Cooling	Min.~Max.	°CDB					-5~43						
		Heating	Min.~Max.	°CWB					-20~15.5						
Refrigerant		Type				R-410A									
		Charge	kg	11.1	5.9	6	6.3	10.3	10.4	11.7	11.8				
			TCO₂eq	23.2	12.3	12.5	13.2	21.5	21.7	24.4	24.6				
		GWP				2,087.5									
Piping connections		Liquid	OD	mm	9.52		12.7		15.9						
		Gas	OD	mm	15.9	19.1	22.2		28.6						
		Total piping length	System	Actual	m			300							
Power supply		Phase/Frequency/Voltage	Hz/V	3~/50/380-415		3N~/50/380-415									
Current - 50Hz		Maximum fuse amps (MFA)	A	15	20	25	32		40		50				
Outdoor unit		RXYQQ-T	22T	24T	26T	28T	30T	32T	34T	36T	38T	40T	42T		
System		Outdoor unit module 1	RXYQQ10T	RXYQQ8T	RXYQQ12T		RXYQQ16T		RXYQQ8T		RXYQQ10T				
		Outdoor unit module 2	RXYQQ12T	RXYQQ16T	RXYQQ14T	RXYQQ16T	RXYQQ18T	RXYQQ16T	RXYQQ18T	RXYQQ20T	RXYQQ10T	RXYQQ12T	RXYQQ16T		
		Outdoor unit module 3								RXYQQ20T	RXYQQ18T	RXYQQ16T			
Capacity range		HP	22	24	26	28	30	32	34	36	38	40	42		
Cooling capacity		kW	61.5	67.4	73.5	78.5	83.9	90.0	95.4	101.0	106.3	111.9	118.0		
Heating capacity		Nom.	69.0	75.0	82.5	87.5	83.9	100.0	95.4	113.0	106.3	111.9	131.5		
		Max.					94.0	-	106.5	-	119.0	125.5	-		
Power input - 50Hz		Cooling	Nom.	kW	16.27	18.21	19.98	21.98	24.0	26.0	28.0	31.5	29.2	31.3	33.29
		Heating	Nom.	kW	16.48	18.31	20.30	21.90	20.4	25.6	23.7	29.8	25.1	26.7	32.98
			Max.	kW				23.7	-	27.4	-	29.2	31.1	-	
EER		kW	3.78	3.70	3.68	3.57		3.5	3.4	3.2		3.6	3.54		
ESEER - Automatic			7.07	6.81	6.89	6.69	6.60	6.50	6.44	6.02	6.36	6.74	6.65		
ESEER - Standard			5.58	5.42	5.39	5.23	5.17	5.05	5.01	4.68	5.03	5.29	5.19		
COP at nominal capacity		kW	4.37		4.25		4.16	4.10	4.05	4.00	3.95		4.2	4.14	
COP at maximum capacity		kW	4.19	4.10	4.06		4.00		3.91	3.90	3.79	4.1	4.0	3.99	
Maximum number of connectable indoor units								64							
Indoor index		Min.		275	300	325	350	375	400	425	450	475	500	525	
connection		Nom.		550	600	650	700	750	800	850	900	950	1,000	1,050	
		Max.		715	780	845	910	975	1,040	1,105	1,170	1,235	1,300	1,365	
Piping connections		Liquid	OD	mm	15.9		19.1								
		Gas	OD	mm	28.6		34.9				41.3				
		Total piping length	System	Actual	m			300							
Current - 50Hz		Maximum fuse amps (MFA)	A		63			80			100				

Contains fluorinated greenhouse gases | The STANDARD ESEER value corresponds with normal VRV4 Heat Pump operation, not taking into account advanced energy saving operation functionality | The AUTOMATIC SEER value corresponds with normal VRV4 Heat Pump operation, taking into account advanced energy saving operation functionality (variable refrigerant temperature control operation) | Actual number of connectable indoor units depends on the indoor unit type (VRV indoor, Hydrobox, RA indoor, etc.) and the connection ratio restriction for the system (50% <= CR <= 130%)