



# Replacement VRV, heat pump



RXYQQ8-12U

Outdoor Units



Access all technical information on RQYQ-P at [my.daikin.eu](http://my.daikin.eu) or click here



Access all technical information on RXYQQ-U at [my.daikin.eu](http://my.daikin.eu) or click here

Outdoor unit		RXYQQ/RQYQ-P	140P	8U	10U	12U	14U	16U	18U	20U			
Capacity range		HP	5	8	10	12	14	16	18	20			
Cooling capacity	Prated,c	kW	14.0	22.4	28.0	33.5	40.0	45.0	50.4	52.0			
Heating capacity	Prated,h	kW	16.0	13.7	16.0	18.4	20.6	23.2	27.9	31.0			
	Max. 6°CWB	kW	-	25.0	31.5	37.5	45.0	50.0	56.5	63.0			
Recommended combination			4 x FXSQ32A2VEB	4 x FXFQ50AVEB	4 x FXFQ63AVEB	6 x FXFQ50AVEB	1 x FXFQ50AVEB + 5 x FXFQ63AVEB	4 x FXFQ63AVEB + 2 x FXFQ80AVEB	3 x FXFQ50AVEB + 5 x FXFQ63AVEB	2 x FXFQ50AVEB + 6 x FXFQ63AVEB			
ηs,c		%	194	302.4	267.6	247.8	250.7	236.5	238.3	233.7			
ηs,h		%	137	167.9	168.2	161.4	155.4	157.8	163.1	156.6			
SEER			-	7.6	6.8	6.3		6.0		5.9			
SCOP			-	4.3		4.1	4.0		4.2	4.0			
Maximum number of connectable indoor units			10				64 (1)						
Indoor index connection	Min.		62.5	100.0	125.0	150.0	175.0	200.0	225.0	250.0			
	Nom.		125										
	Max.		162.5	260.0	325.0	390.0	455.0	520.0	585.0	650.0			
Dimensions	Unit	HeightxWidthxDepth	mm	1,680x635x765			1,685x930x765		1,685x1,240x765				
Weight	Unit		kg	175			198		275				
Fan	Air flow rate	Cooling	Nom.	m <sup>3</sup> /min	95								
	Sound power level	Cooling	Nom.	dB(A)	79	78.0	79.1	83.4	80.9	85.6	83.8		
Sound pressure level	Cooling	Nom.	dB(A)	-	57.0		61.0	60.0	63.0	62.0	65.0		
	Operation range	Cooling	Min.-Max.	°CDB	-5~43			-5.0~43.0					
Refrigerant	Heating	Min.-Max.	°CWB	-20~15.5			-20.0~15.5						
	Type/GWP			R-410A/2,087.5									
Piping connections	Charge	kg/TCO2Eq	11.1/23.2	5.9/12.3	6.0/12.5	6.3/13.2	10.3/21.5	11.3/23.6	11.7/24.4	11.8/24.6			
	Liquid	OD	mm	9.52			12.7		15.9				
Power supply	Gas	OD	mm	15.9	19.1	22.2	28.6						
	Total piping length	System	Actual	m						300			
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 System + Module		RXYQQ	22U	24U	26U	28U	30U	32U	34U	36U	38U	40U	42U
System	Outdoor unit module 1	RXYQQ10U	RXYQQ8U	RXYQQ12U				RXYQQ16U				RXYQQ8U	RXYQQ10U
	Outdoor unit module 2	RXYQQ12U	RXYQQ16U	RXYQQ14U	RXYQQ16U	RXYQQ18U	RXYQQ16U	RXYQQ18U	RXYQQ20U	RXYQQ10U	RXYQQ12U	RXYQQ16U	
	Outdoor unit module 3	RXYQQ20U											RXYQQ18U
Capacity range		HP	22	24	26	28	30	32	34	36	38	40	42
Cooling capacity	Prated,c	kW	61.5	67.4	73.5	78.5	83.9	90.0	95.4	97.0	102.4	111.9	118.0
Heating capacity	Prated,h	kW	34.4	36.9	39.0	41.6	46.3	46.4	51.1	54.2	60.7	62.3	62.4
	Max. 6°CWB	kW	69.0	75.0	82.5	87.5	94.0	100.0	106.5	113.0	119.5	125.5	131.5
Recommended combination			6 x FXFQ50AVEB + 4 x FXFQ63AVEB	4 x FXFQ50AVEB + 4 x FXFQ63AVEB + 2 x FXFQ80AVEB	7 x FXFQ50AVEB + 5 x FXFQ63AVEB	6 x FXFQ50AVEB + 4 x FXFQ63AVEB + 2 x FXFQ80AVEB	9 x FXFQ50AVEB + 5 x FXFQ63AVEB	8 x FXFQ50AVEB + 4 x FXFQ63AVEB	3 x FXFQ50AVEB + 9 x FXFQ63AVEB + 2 x FXFQ80AVEB	2 x FXFQ50AVEB + 10 x FXFQ63AVEB + 2 x FXFQ80AVEB	6 x FXFQ50AVEB + 10 x FXFQ63AVEB	9 x FXFQ50AVEB + 9 x FXFQ63AVEB	12 x FXFQ50AVEB + 4 x FXFQ80AVEB
ηs,c		%	274.5	269.9	264.2	257.8	256.8	251.7	253.3	250.8	272.4	263.5	261.2
ηs,h		%	171.2	167.0	164.6	166.0	169.8	163.1	166.2	162.4	167.5	170.0	165.5
SEER			6.9	6.8	6.7	6.5		6.4		6.3	6.9	6.7	6.6
SCOP			4.4	4.3	4.2		4.3	4.2		4.1	4.3		4.2
Maximum number of connectable indoor units			64										
Indoor index connection	Min.		275.0	300.0	325.0	350.0	375.0	400.0	425.0	450.0	475.0	500.0	525.0
	Nom.												
	Max.		715.0	780.0	845.0	910.0	975.0	1,040.0	1,105.0	1,170.0	1,235.0	1,300.0	1,365.0
Piping connections	Liquid	OD	mm	15.9			34.9		19.1		41.3		
	Gas	OD	mm	28.6									
Power supply	Total piping length	System	Actual	m									
	Phase/Frequency/Voltage		Hz/V	3N~/50/380-415									
Current - 50Hz	Maximum fuse amps (MFA)	A	63				80				100		

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%)