



# Replacement VRV, heat recovery

## Quick & quality replacement for R-22 and R-407C systems

- › Cost effective and fast replacement as only the outdoor and indoor unit needs to be replaced, meaning almost no work has to be carried out inside the building
- › Efficiency gains of more than 40% can be realized, thanks to technological developments in heat pump technology and the more efficient R-410A refrigerant
- › Less intrusive and time consuming installation compared to installing a new system, as the refrigerant piping can be maintained
- › Unique automatic refrigerant charge eliminates the need to calculate refrigerant volume and allows safe replacement of competitor replacement
- › Automatic cleaning of refrigerant piping ensures a clean piping network, even when a compressor breakdown has occurred
- › Possibility to add indoor units and increase capacity without changing the refrigerant piping
- › Possibility to spread the various stages of replacement thanks to the modular design of the VRV system
- › Accurate temperature control, fresh air provision, air handling units and Biddle air curtains all integrated in a single system requiring only one single point of contact (RXYQQ-T only)
- › Incorporates VRV IV standards & technologies: Variable Refrigerant
- › Temperature and full inverter compressors (RXYQQ-T only)
- › Free combination of outdoor units to meet installation space or efficiency requirements (RXYQQ-T only)



Already fully compliant to LOT 21 - Tier 2

**Published data with real-life indoor units**

Access all technical information on RQCEQ-P3 at [my.daikin.eu](http://my.daikin.eu) or click here

Outdoor unit System		RQCEQ	280P3	360P3	460P3	500P3	540P3	636P3	712P3	744P3	816P3	848P3	
System	Outdoor unit module 1	RQEQ140P3	RQEQ180P3	RQEQ140P3		RQEQ180P3	RQEQ212P3	RQEQ140P3		RQEQ180P3	RQEQ212P3		
	Outdoor unit module 2	RQEQ140P3	RQEQ180P3	RQEQ140P3	RQEQ180P3		RQEQ212P3	RQEQ180P3		RQEQ212P3			
	Outdoor unit module 3			RQEQ180P3		RQEQ212P3	RQEQ180P3	RQEQ212P3					
	Outdoor unit module 4			-				RQEQ212P3					
Capacity range	HP	10	13	16	18	20	22	24	26	28	30		
Cooling capacity	Prated,c	kW		28.0	36.0	46.0	50.0	54.0	60.0	70.0	72.0	78.0	80.0
Heating capacity	Prated,h	kW		32.0	40.0	52.0	56.0	60.0	67.2	78.4	80.8	87.2	89.6
Recommended combination		4 x FXM063P7VEB		4 x FXM063P7VEB	4 x FXM063P7VEB	4 x FXSQ32A2VEB	12 x FXSQ40A2VEB	3 x FXSQ40A2VEB	4 x FXSQ32A2VEB	4 x FXSQ32A2VEB	7 x FXSQ40A2VEB	4 x FXSQ40A2VEB	
			+ 2 x FXM063P7VEB	+ 2 x FXM063P7VEB	+ 8 x FXSQ40A2VEB			+ 9 x FXSQ50A2VEB	+ 9 x FXSQ40A2VEB	+ 6 x FXSQ40A2VEB	+ 9 x FXSQ50A2VEB	+ 12 x FXSQ50A2VEB	
ηs,c	%	200	185	191	201	198	186	194		204	187		
ηs,h	%	159	157	161	150	148	157	153	155		157		
SEER		-											
SCOP		-											
Maximum number of connectable indoor units		21	28	34	39	43	47	52	56	60	64		
Indoor index connection	Min.	140	180	230	250	270	318	356	372	408	424		
	Nom.	280	360	500		540	636	712	744	816	848		
	Max.	364	468	598	650	702	827	926	967.0	1,061	1,102		
Piping connections	Liquid	OD	mm	9.52	12.7		15.9			19.1			
	Gas	OD	mm	22.2	25.4	28.6			34.9				
	Total piping length	System	Actual	m		300							
Power supply	Phase/Frequency/Voltage	Hz/V	3~/50/400										
Current - 50Hz	Maximum fuse amps (MFA)	A	30	40	50	60	70	80	90				
<b>Outdoor unit module</b>		<b>RQEQ-P3</b>	<b>140P3</b>			<b>180P3</b>			<b>212P3</b>				
Dimensions	Unit	HeightxWidthxDepth	mm			1,680x635x765							
Weight	Unit	kg		175			179						
Fan	Air flow rate	Cooling	Nom.	m <sup>3</sup> /min		95			110				
	Type	Propeller fan											
Sound power level	Cooling	Nom.	dBA		79			83		87			
Sound pressure level	Cooling	Nom.	dBA		-								
Operation range	Cooling	Min.~Max.	°CDB		-5~43								
	Heating	Min.~Max.	°CWB		-20~-15.5								
Refrigerant	Type/GWP	R-410A/2,087.5											
	Charge	kg/TCO2Eq	10.3/21.5			10.6/22.1			11.2/23.4				
Power supply	Phase/Frequency/Voltage	Hz/V	3~/50/380-415										
Current - 50Hz	Maximum fuse amps (MFA)	A	15			20			22.5				