

# VRV heat pump optimised for heating

## Where heating is priority without compromising on efficiency

- › Specifically developed for heating operation in low ambient conditions, making it suitable for single source heating
- › Stable heating capacity down to -15°C, thanks to vapour injection compressor
- › Extended operation range down to -25°C in heating
- › High reliability in severe conditions, thanks to hot gas bypass circuit in the heat exchanger
- › 15% increased heating capacity at high relative humidity (2°CDB/1°CWB and RH=83%) vs previous model
- › Shorter defrost and heat up time, compared to standard VRV heat pump
- › 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: possibility to combine VRV with stylish indoor units (Daikin Emura, Nexura, ...)
- › Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature, VRV configurator, 7 segment display and full inverter compressors, 4-side heat exchanger, refrigerant cooled PCB, new DC fan motor, ...
- › Free combination of outdoor units to meet installation space or efficiency requirements
- › Wide piping flexibility: 30m indoor height difference, maximum piping length: 190m, total piping length: 500m
- › Less installation time and smaller footprint compared to previous model thanks to removal of function unit



Already fully compliant  
to LOT 21 - Tier 2

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



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

Outdoor unit		RXYLQ	10T	12T	14T
Capacity range		HP	10	12	14
Cooling capacity	Prated,c	kW	28	33.5	40
Heating capacity	Prated,h	kW	31.5	37.5	45
	Max. 6°CWB	kW	31.50	37.50	45.00
Recommended combination			4 x FXMQ63P7VEB	6 x FXMQ50P7VEB	1 x FXMQ50P7VEB + 5 x FXMQ63P7VEB
ηs,c		%	251.4	274.4	270.1
ηs,h		%	144.3	137.6	137.1
SEER			6.36	6.93	6.83
SCOP			3.68	3.51	3.5
Maximum number of connectable indoor units				64 (1)	
Indoor index connection	Min.		175	210	245
	Nom.		250	300	350
	Max.		325	390	455
Dimensions	Unit	HeightxWidthxDepth	mm		
Weight	Unit		kg		
Sound power level	Cooling	Nom.	77	81	81
Sound pressure level	Cooling	Nom.	56	59	59
	Heating	Min.~Max.	°CDB		
Operation range	Cooling	Min.~Max.	-5.0~43.0		
	Heating	Min.~Max.	-25.0~16.0		
Refrigerant	Type/GWP		R-410A/2,087.5		
	Charge	kg/CO2Eq	11.8/24.6		
Piping connections	Liquid	OD	9.5		12.7
	Gas	OD	22.2		28.6
	Total piping length	System Actual	m		
Power supply	Phase/Frequency/Voltage	Hz/V	3N~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)	A	25		32

Outdoor unit		RXYLQ	16T	18T	20T	22T	24T	26T	28T
System	Outdoor unit module 1		RXMLQ8T	RXYLQ10T	RXYLQ10T	RXYLQ10T	RXYLQ12T	RXYLQ12T	RXYLQ14T
	Outdoor unit module 2		RXMLQ8T	RXMLQ8T	RXYLQ10T	RXYLQ12T	RXYLQ12T	RXYLQ14T	RXYLQ14T
Capacity range		HP	16	18	20	22	24	26	28
Cooling capacity	Prated,c	kW	44.8	50.4	56	61.5	67	73.5	80
	Max. 6°CWB	kW	50	56.5	63	69	75	82.5	90
Heating capacity	Prated,h	kW	-						
	Max. 6°CWB	kW	4 x FXMQ63P7VEB + 2 x FXMQ80P7VEB	3 x FXMQ50P7VEB + 5 x FXMQ63P7VEB	2 x FXMQ50P7VEB + 6 x FXMQ63P7VEB	6 x FXMQ50P7VEB + 4 x FXMQ63P7VEB	4 x FXMQ50P7VEB + 4 x FXMQ63P7VEB + 2 x FXMQ80P7VEB	7 x FXMQ50P7VEB + 5 x FXMQ63P7VEB	6 x FXMQ50P7VEB + 4 x FXMQ63P7VEB + 2 x FXMQ80P7VEB
ηs,c		%	-						
ηs,h		%	-						
SEER			-						
SCOP			-						
Maximum number of connectable indoor units			64 (1)						
Indoor index connection	Min.		280	315	350	385	420	455	490
	Nom.		400	450	500	550	600	650	700
	Max.		520	585	650	715	780	845	910
Piping connections	Liquid	OD	12.7	15.9	15.9	15.9	15.9	19.1	
	Gas	OD	28.6	28.6	28.6	28.6	34.9		
	Total piping length	System Actual	m						
Power supply	Phase/Frequency/Voltage	Hz/V	3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)	A	40	45	50	60			