



nieuw beeld graag

VRVIII heat pump, optimised for heating

RTSYQ-PA

Where heating is priority without compromising on efficiency

- › First system in the industry developed for heating operation in low ambient conditions, making it suitable for single source heating
- › Extended operation range down to -25°C in heating
- › Stable heating capacity and high COP values at low ambients thanks to the two stage compression technology (COP values of 3.0 and more at -10°C)

RTSYQ-PA



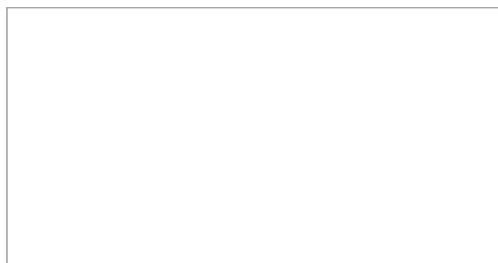
RTSYQ14-16PA

Outdoor system		RTSYQ	10PA	14PA	16PA	20PA
System	Outdoor unit module 1		RTSQ10PAY1	RTSQ14PAY1	RTSQ16PAY1	RTSQ8PAY1
	Outdoor unit module 2			-		RTSQ12PAY1
	Function unit		BTSQ20PY1			
Capacity range		HP	10	14	16	20
Cooling capacity	Nom.	kW	28.0	40.0	45.0	56.0
Heating capacity	Nom.	kW	31.5 / 28.0	45.0 / 40.0	50.0 / 45.0	63.0 / 55.9
Power input - 50Hz	Cooling	Nom.	7.90	12.6	14.9	15.4
	Heating	Nom.	7.78 / 8.18	11.4 / 12.8	13.0 / 15.0	15.4 / 18.7
EER			3.54	3.17	3.02	3.64
COP			4.05 / 3.42	3.95 / 3.13	3.85 / 3.00	4.09 / 2.99
Maximum number of connectable indoor units			21	30	34	43
Indoor index connection	Min./Nom./Max.		125/250/325	175/350/455	200/400/520	250/500/650
Sound pressure level	Cooling	Max./Nom.	62/60	63/61	65/63	
Piping connections	Liquid	OD	9.52	12.7		15.9
	Gas	OD	22.2	28.6		
	Oil equalizing	OD		-		
	Total piping length	System	Actual	500		
Current - 50Hz	Maximum fuse amps (MFA)	A	25	35	40	50

Contains fluorinated greenhouse gases

Outdoor unit module		BTSQ20P	RTSQ 08PA	RTSQ 10PA	RTSQ 12PA	RTSQ 14PA	RTSQ 16PA
Dimensions	Unit	Height/Width/Depth	mm	1,570x460x765	1,680/930/765		1,680/1,240/765
Weight	Unit		kg	110	205	257	338
Fan	Air flow rate	Cooling	Nom.	m ³ /min	185		200
					-		233
Operation range	Cooling	Min.~Max.	°CDB	-5~43			
				Heating	Min.~Max.	°CWB	-25~15.5
Refrigerant	Type/GWP	R-410A/ 2,087.5					
	Charge	kg/TCO ₂ Eq	-/-	9.4/19.6	10.5/ 21.9	10.9/ 22.8	11.7/ 24.4
Power supply	Phase/Frequency/Voltage	Hz/V	3~/50/380-415				
Current - 50Hz	Maximum fuse amps (MFA)	A	20	25		35	40

Daikin Europe N.V. Naamloze Vennootschap · Zandvoordestraat 300 · 8400 Oostende · Belgium · www.daikin.eu · BE 0412 120 336 · RPR Oostende (Responsible Editor)



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