



# VRV IV water cooled series

RWEYQ-T8

**VRV IV W-series**



Inverter

Ideal for high rise buildings, using water as heat source

- › Unified range for standard and geothermal series simplifies stock. Geothermal series reduce CO2 emissions thanks to the use of geothermal energy as a renewable energy source
- › No need for an external heating or cooling source when used in geothermal mode
- › Covers all thermal needs of a building via a single point

- of contact: accurate temperature control, ventilation, air handling units and Biddle air curtains
- › Compact & lightweight design can be stacked for maximum space saving
- › Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature and full inverter compressors

# RWEYQ-T8

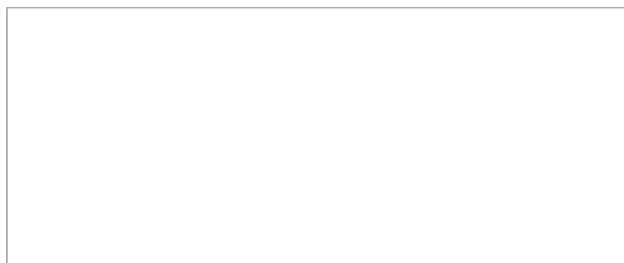


RWEYQ8-10T8

Outdoor unit		RWEYQ	8T8	10T8	
System	Outdoor unit module 1		RWEYQ8T	RWEYQ10T	
Capacity range		HP	8	10	
Cooling capacity	Nom.	kW	22.4 / 22.4	28.0 / 27.5	
Heating capacity	Nom.	kW	25.0 / 25.0	31.5 / 31.5	
Power input - 50Hz	Cooling	Nom.	kW	4.42 / 4.45	
	Heating	Nom.	kW	4.21 / 4.30	
EER		kW	5.07 / 5.03	4.56 / 4.33	
COP		kW	5.94 / 5.81	5.25 / 5.08	
Maximum number of connectable indoor units			36		
Indoor index connection	Min.		100	125	
	Nom.		200	250	
	Max.		260	325	
Dimensions	Unit	HeightxWidthxDepth	mm		
Weight	Unit		kg		
Fan	Air flow rate	Cooling	Nom.	m <sup>3</sup> /min	
Sound power level	Cooling	Nom.		dBA	
Sound pressure level	Cooling	Nom.	50	dBA	
Operation range	Inlet water temperature	Cooling	Min.~Max.	°CDB	
		Heating	Min.~Max.	°CWB	
Refrigerant	Type		R-410A		
	Charge		kg		
			TCO <sub>2</sub> eq		
	GWP		2,087.5		
Piping connections	Liquid	OD		mm	
	Gas	OD		mm	
	Discharge gas	OD		mm	
	Water	Inlet/Outlet		ISO 228 - G1 1/4 B External Thread/ISO 228 - G1 1/4 B External Thread	
	Total piping length	System	Actual	m	
Power supply	Phase/Frequency/Voltage		Hz/V		
Current - 50Hz	Maximum fuse amps (MFA)		A		

Outdoor unit		RWEYQ	16T8	18T8	20T8	24T8	26T8	28T8	30T8
System	Outdoor unit module 1		RWEYQ8T		RWEYQ10T	RWEYQ8T			RWEYQ10T
	Outdoor unit module 2		RWEYQ8T	RWEYQ10T		RWEYQ8T			RWEYQ10T
	Outdoor unit module 3		-			RWEYQ8T	RWEYQ10T		
Capacity range		HP	16	18	20	24	26	28	30
Cooling capacity	Nom.	kW	44.8 / 44.8	50.4 / 49.9	56.0 / 55.0	67.2 / 67.2	72.8 / 72.3	78.4 / 77.4	84.0 / 82.5
Heating capacity	Nom.	kW	50.0 / 50.0	56.5 / 56.5	63.0 / 63.0	75.0 / 75.0	81.5 / 81.5	88.0 / 88.0	94.5 / 94.5
Power input - 50Hz	Cooling	Nom.	kW	8.8 / 8.9	10.6 / 10.8	12.3 / 12.7	13.3 / 13.4	15.0 / 15.3	16.7 / 17.2
	Heating	Nom.	kW	8.4 / 8.6	10.2 / 10.5	12.0 / 12.4	12.6 / 12.9	14.4 / 14.8	16.2 / 16.7
EER		kW	5.07 / 5.03	4.77 / 4.62	4.56 / 4.33	5.07 / 5.03	4.86 / 4.74	4.69 / 4.51	4.56 / 4.33
COP		kW	5.94 / 5.81	5.53 / 5.38	5.25 / 5.08	5.94 / 5.81	5.65 / 5.51	5.43 / 5.27	5.25 / 5.08
Maximum number of connectable indoor units			36						
Indoor index connection	Min.		200	225	250	300	325	350	375
	Nom.		400	450	500	600	650	700	750
	Max.		520	585	650	780	845	910	975
Sound pressure level	Cooling	Nom.	dBA	53	54		55		56
Piping connections	Liquid	OD	mm	12.7	15.9		19.1		
	Gas	OD	mm	28.6			34.9		
	Discharge gas	OD	mm	22.2 / 28.60			28.6 / 34.90		
	Total piping length	System	Actual	m		300			
Current - 50Hz	Maximum fuse amps (MFA)		A	32			50		

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



ECPEN16-238 08/15



The present leaflet is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V. Daikin Europe N.V. has compiled the content of this leaflet to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this leaflet. All content is copyrighted by Daikin Europe N.V. The current publication supersedes ECPEN15-238.