

VRV IV+ water-cooled series

Ideal for high rise buildings,
using water as heat source



RWEYQ-T9

Connectable stylish indoor units

		20 CLASS	25 CLASS	35 CLASS	42 CLASS	50 CLASS	60 CLASS	71 CLASS
Daikin Emura - Wall mounted unit	FTXJ-A9	●	●	●	●	●		
Stylish - Wall mounted unit	FTXA-CW/B/S	●	●	●	●	●		
Perfera wall mounted	FTXM-A	●	●	●	●	●	●	●
Perfera floor standing	C/FVXM-A9	●	●	●	●	●	●	●

BPMKS box needed to connect RA indoors to VRV IV+ (RYYQ / RXYQ)
* Units available in August 2024



Outdoor unit		RWEYQ	8T9	10T9	12T9	14T9
Capacity range	HP		8	10	12	14
Cooling capacity	Prated,c kW		22.4	28.0	33.5	40.0
Heating capacity	Prated,h kW		25.0	31.5	37.5	45.0
	Max. 6°CWB		25.0	31.5	37.5	45.0
Recommended combination			4 x FXMQ50P7VEB	4 x FXMQ63P7VEB	6 x FXMQ50P7VEB	1x FXMQ50P7VEB + 5x FXMQ63P7VEB
ηs,c	%		326.8	307.8	359.0	330.7
ηs,h	%		524.3	465.9	436.0	397.1
SEER			8.4	7.9	9.2	8.5
SCOP			13.3	11.8	11.1	10.1
Maximum number of connectable indoor units				64(1)		
Indoor index connection	Min. Max.		100.0 300.0	125.0 375.0	150.0 450.0	175.0 525.0
Dimensions	Unit HeightxWidthxDepth	mm		980x767x560		
Weight	Unit	kg		195		197
Sound power level	Cooling Nom.	dBA	65.0	71.0	72.0	74.0
Sound pressure level	Cooling Nom.	dBA	48.0	50.0	56.0	58.0
Operation range	Inlet water temperature	Cooling Min.~Max. °CDB		10~45		
	Heating Min.~Max. °CWB			10~45		
	Temperature around casing	Min.~Max. °CDB		0~40		
	Humidity around casing	Cooling~ Max. %		80~80		
Refrigerant	Type/GWP			R-410A/2,087.5		
Charge	kg/tCO ₂ Eq		7.9/16.5		9.6/20.0	
Piping connections	Liquid OD	mm		9.52		12.7
	Gas OD	mm	19.1	22.2		28.6
	HP/LP gas OD	mm	15.9/19.1	19.1/22.2	19.1/28.6	22.2/28.6
	Drain Size			14mm OD/ 10mm ID		
	Water Inlet/Outlet Size			ISO 228-G1 1/4 B/ISO 228-G1 1/4 B		
	Total piping System Actual length	m		500		
Power supply	Phase/Frequency/Voltage	Hz/V		3N~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)	A	20		25	

Outdoor unit system		RWEYQ	16T9	18T9	20T9	22T9	24T9	26T9	28T9	30T9	32T9	34T9	36T9	38T9	40T9	42T9
System	Outdoor unit module 1		RWEYQ8T		RWEYQ10T		RWEYQ12T		RWEYQ14T		RWEYQ10T		RWEYQ12T		RWEYQ14T	
	Outdoor unit module 2		RWEYQ8T		RWEYQ10T		RWEYQ12T		RWEYQ14T		RWEYQ10T		RWEYQ12T		RWEYQ14T	
	Outdoor unit module 3															
Capacity range	HP		16	18	20	22	24	26	28	30	32	34	36	38	40	42
Cooling capacity	Prated,c kW		44.8	50.4	56.0	61.5	67.0	73.5	80.0	84.0	89.5	95.0	100.5	107.0	113.5	120.0
Heating capacity	Prated,h kW		50.0	56.5	62.5	69.0	75.0	82.5	90.0	94.5	100.5	106.5	112.5	120.0	127.5	135.0
	Max. 6°CWB		50.0	56.5	62.5	69.0	75.0	82.5	90.0	94.5	100.5	106.5	112.5	120.0	127.5	135.0
Recommended combination			4 x FXMQ63 P7VEB + 2x FXMQ80 P7VEB	4 x FXMQ50 P7VEB + 4x FXMQ63 P7VEB	4 x FXMQ63 P7VEB	4 x FXMQ50 P7VEB + 4x FXMQ63 P7VEB	4 x FXMQ50 P7VEB + 4x FXMQ63 P7VEB	4 x FXMQ50 P7VEB + 4x FXMQ63 P7VEB	4 x FXMQ50 P7VEB + 4x FXMQ63 P7VEB	4 x FXMQ63 P7VEB	4 x FXMQ50 P7VEB + 4x FXMQ63 P7VEB	4 x FXMQ50 P7VEB + 4x FXMQ63 P7VEB	4 x FXMQ50 P7VEB + 4x FXMQ63 P7VEB	4 x FXMQ50 P7VEB + 4x FXMQ63 P7VEB	4 x FXMQ50 P7VEB + 4x FXMQ63 P7VEB	4 x FXMQ50 P7VEB + 4x FXMQ63 P7VEB
ηs,c	%		307.6	308.7	298.1	311.3	342.6	322.5	306.1	308.3	318.2	342.5	352.3	338.8	341.4	332.9
ηs,h	%		459.2	491.1	466.8	447.9	434.5	406.9	387.9	467.2	456.1	447.0	438.5	419.4	404.4	391.2
SEER			7.9		7.7	8.0	8.8	8.3	7.9	7.9	8.2	8.8	9.0	8.7		8.5
SCOP			11.7	12.5	11.9	11.4	11.1	10.4	9.9	11.9	11.6	11.4	11.2	10.7	10.3	10.0
Maximum number of connectable indoor units					64(1)								64(1)			
Indoor index connection	Min. Max.		200.0 600.0	225.0 675.0	250.0 750.0	275.0 825.0	300.0 900.0	325.0 975.0	350.0 1,050.0	375.0 1,125.0	400.0 1,200.0	425.0 1,275.0	450.0 1,350.0	475.0 1,425.0	500.0 1,500.0	525.0 1,575.0
Piping connections	Liquid OD	mm	12.7		15.9			19.1					19.1			
	Gas OD	mm		28.6			34.9			34.9				41.3		
	HP/LP gas OD	mm	22.2/28.6		28.6/28.6		28.6/34.9			28.6/34.9			28.6/41.3		41.3/34.9	
	Total piping System Actual length	m			500								500			
Power supply	Phase/Frequency/Voltage	Hz/V			3N~/50/380-415								3N~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)	A	32	35	40	50	50	63	80							

(1) 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%) | Cooling capacity: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m | Heating capacity: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m | Contains fluorinated greenhouse gases

* EU member states, UK, Bosnia-Herzegovina, Serbia, Montenegro, Kosovo, Albania, North Macedonia, Iceland, Norway, Switzerland