



VRV IV heat pump, without continuous heating

RXYQ-T9/RXYQ-T



Daikin's solution for comfort & low energy consumption

- › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, hot water, 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, ...

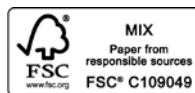
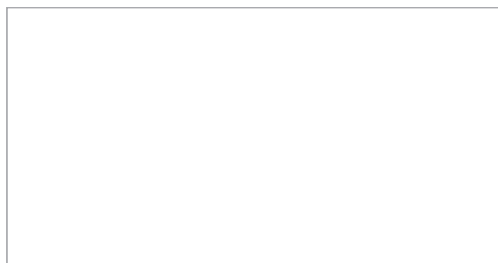
Outdoor unit			RXYQ	8T9	10T	12T	14T	16T	18T	20T	
Capacity range			HP	8	10	12	14	16	18	20	
Cooling capacity	Nom.		KW	22.4 (1) / 22.4 (2)	28.0 (1) / 28.0 (4)	33.5 (1) / 33.5 (4)	40.0 (1) / 40.0 (4)	45.0 (1) / 45.0 (4)	50.4 (1)	56.0 (1)	
Heating capacity	Nom.		KW	22.4 (3) / 22.40 (4)	28.0 (3) / 28.00	33.5 (3) / 33.50	40.0 (3) / 40.0	45.0 (3) / 45.0	50.4 (3)	56.0 (3)	
	Max.		KW	25.0 (3)	31.5 (3)	37.5 (3)	45.0 (3)	50.0 (3)	56.5 (3)	63.0 (3)	
Power input - 50Hz	Cooling	Nom.	KW	5.21 (1) / 4.47 (2)	7.29 (1) / 6.32 (4)	8.98 (1) / 8.09 (4)	11.0 (1) / 9.88 (4)	13.0 (1) / 12.10 (4)	15.0 (1)	18.5 (1)	
		Heating	Nom.	KW	4.75 (3) / 4.47 (4)	6.29 (3) / 5.47	7.77 (3) / 6.59	9.52 (3) / 9.30	11.1 (3) / 9.8	12.6 (3)	14.5 (3)
		Max.	KW	5.51 (3)	7.38 (3)	9.10 (3)	11.2 (3)	12.8 (3)	14.6 (3)	17.0 (3)	
EER				4.30 (1) / 5.01 (2)	3.84 (1) / 4.43 (4)	3.73 (1) / 4.14 (4)	3.64 (1) / 4.05 (4)	3.46 (1) / 3.73 (4)	3.36 (1)	3.03 (1)	
ESEER - Automatic				7.53	7.20	6.96	6.83	6.50	6.38	5.67	
ESEER - Standard				6.37	5.67	5.50	5.31	5.05	4.97	4.42	
COP - Max.				4.54 (3)	4.27 (3)	4.12 (3)	4.02 (3)	3.91 (3)	3.87	3.71	
COP - Nom.				4.72 (3) / 5.01 (4)	4.45 (3) / 5.12	4.31 (3) / 5.08	4.20 (3) / 4.30	4.05 (3) / 4.59	4.00	3.86	
Maximum number of connectable indoor units				64 (5)							
Indoor index connection	Min./Nom./Max.			100/200/260	125/250/325	150/300/390	175/350/455	200/400/520	225/450/585	250/500/650	
Dimensions	Unit	HeightxWidthxDepth	mm	1,685x930x765			1,685x1,240x765				
Weight	Unit		kg	187	194		305		314		
Fan	Air flow rate	Cooling	Nom.	m ³ /min	162	175	185	223	260	251	261
Sound power level	Cooling	Nom.		dBA	78	79		81	86		88
Sound pressure level	Cooling	Nom.		dBA	58			61	64	65	66
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/ TCO ₂ eq	5.9/ 12.3	6/ 12.5	6.3/ 13.2	10.3/ 21.5	10.4/ 21.7	11.7/ 24.4	11.8/ 24.6	
Piping connections	Liquid	OD	mm	9.52			12.7		15.9		
	Gas	OD	mm	19.1	22.2	28.6					
	Total piping length	System	Actual	m	1,000						
Power supply	Phase/Frequency/Voltage		Hz/V	3N~/50/380-415							
Current - 50Hz	Maximum fuse amps (MFA)		A	20	25	32	40		50		

Outdoor unit			RXYQ	22T	24T9	26T	28T	30T	32T	34T	36T
System	Outdoor unit module 1			RXYQ10T	RXYQ8T9	RXYQ12T			RXYQ16T		
	Outdoor unit module 2			RXYQ12T	RXYQ16T	RXYQ14T	RXYQ16T	RXYQ18T	RXYQ16T	RXYQ18T	RXYQ20T
Capacity range			HP	22	24	26	28	30	32	34	36
Cooling capacity	Nom.		KW	61.5	67.4	73.5	78.5	83.9	90.0	95.4	101.0
Heating capacity	Nom.		KW	61.5	67.4	73.5	78.5	83.9	90.0	95.4	101.0
	Max.		KW	69.0	75.0	82.5	87.5	94.0	100.0	106.5	113.0
Power input - 50Hz	Cooling	Nom.	KW	16.27	18.2	20.0	22.0	24.0	26.0	28.0	31.5
		Heating	Nom.	KW	14.06	15.85	17.29	18.87	20.4	22.2	23.7
		Max.	KW	16.48	18.31	20.30	21.90	23.7	25.6	27.4	29.8
EER				3.77	3.70	3.68	3.57	3.5	3.46	3.4	3.21
ESEER - Automatic				7.07	6.81	6.89	6.69	6.60	6.50	6.44	6.02
ESEER - Standard				5.58	5.42	5.39	5.23	5.17	5.05	5.01	4.68
COP - Max.				4.19	4.10	4.06	4.00	3.91	3.91	3.9	3.79
COP - Nom.				4.37	4.25	4.16	4.1	4.05	4.0	3.95	
Maximum number of connectable indoor units				64							
Indoor index connection	Min./Nom./Max.			275/550/715	300/600/780	325/650/845	350/700/910	375/750/975	400/800/1,040	425/850/1,105	450/900/1,170
Piping connections	Liquid	OD	mm	15.9			19.1				
	Gas	OD	mm	28.6	34.9				41.3		
	Total piping length	System	Actual	m	1,000						
Current - 50Hz	Maximum fuse amps (MFA)		A	63				80			

Outdoor unit			RXYQ	38T9	40T	42T	44T	46T	48T	50T	52T	54T
System	Outdoor unit module 1			RXYQ8T9	RYMQ10T		RYMQ12T	RYMQ14T	RYMQ16T			RYMQ18T
	Outdoor unit module 2			RXYQ10T	RYMQ12T	RYMQ16T			RYMQ18T			
	Outdoor unit module 3			RXYQ20T	RYMQ18T	RYMQ16T			RYMQ18T			
Capacity range			HP	38	40	42	44	46	48	50	52	54
Cooling capacity	Nom.		KW	106.3	111.9	118.0	123.5	130.0	135.0	140.0	145.8	151.2
Heating capacity	Nom.		KW	106.3	111.9	118.0	123.5	130.0	135.0	140.0	145.8	151.2
	Max.		KW	119.0	125.5	131.5	137.5	145.0	150.0	156.0	163.0	169.5
Power input - 50Hz	Cooling	Nom.	KW	29.2	31.3	33.3	35.0	37.0	39.0	40.7	43.0	45.0
		Heating	Nom.	KW	25.1	26.7	28.49	29.97	31.72	33.3	34.6	36.3
		Max.	KW	29.2	31.1	32.98	34.70	36.8	38.4	40.0	42.0	43.8
EER				3.6		3.54	3.51	3.46	3.44	3.4	3.40	
ESEER - Automatic				6.36	6.74	6.65	6.62	6.60	6.50	6.46	6.42	6.38
ESEER - Standard				5.03	5.29	5.19	5.17	5.13	5.05	5.02	4.99	4.97
COP - Max.				4.1	4.0	3.99	3.96	3.94	3.91		3.90	
COP - Nom.				4.2	4.14	4.12	4.10	4.05	4.0		4.0	
Maximum number of connectable indoor units				64								
Indoor index connection	Min./Nom./Max.			475/950/1,235	500/1,000/1,300	525/1,050/1,365	550/1,100/1,430	575/1,150/1,495	600/1,200/1,560	625/1,250/1,625	650/1,300/1,690	675/1,350/1,755
Piping connections	Liquid	OD	mm	19.1								
	Gas	OD	mm	41.3								
	Total piping length	System	Actual	m	1,000							
Current - 50Hz	Maximum fuse amps (MFA)		A	100				125				

(1) Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. Data for standard efficiency series (2) Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. Data for high efficiency series, Eurovent certified (3) Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. Data for standard efficiency series (4) Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. Data for high efficiency series, Eurovent certified (5) 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%) | Contains fluorinated gasses

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ECPEN15-232 03/15



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