

REYQ-M8

VRV II Heat recovery

8, 10HP



12, 14, 16HP



VRV II HEAT RECOVERY

OUTDOOR UNIT			REYQ8M8	REYQ10M8	REYQ12M8	REYQ14M8	REYQ16M8
Nominal cooling capacity		kW	22.4	28.0	33.5	40.0	44.5
Nominal heating capacity		kW	25.0	31.5	37.5	45.0	50.0
Power input	cooling	kW	6.97	9.00	10.60	14.24	15.60
	heating	kW	6.89	9.31	10.80	12.90	14.00
EER	cooling		3.21	3.11	3.16	2.81	2.85
COP	heating		3.63	3.38	3.47	3.49	3.57
Dimensions	height	mm	1,600	1,600	1,600	1,600	1,600
	width	mm	930	930	1,240	1,240	1,240
	depth	mm	765	765	765	765	765
Weight		kg	245	245	295	340	340
Sound pressure level		dB(A)	57	58	60	60	60
Sound power level		dB(A)	78	78	80	80	80
Air flow rate		m ³ /min	175	180	210	210	210
Operation range	cooling	°CDB	-5 ~ 43				
	heating	°CWB	-20 ~ 15.5				
Refrigerant type			R-410A				
Power supply		W1	3W ~, 50Hz, 400V				
Piping connections	liquid/gas/suction gas	mm	ø9.5/ø19.1/ø15.9	ø9.5/ø22.2/ø19.1	ø12.7/ø28.6/ø19.1	ø12.7/ø28.6/ø22.2	ø12.7/ø28.6/ø22.2
Actual piping length/equivalent piping length		m	150/175				
Total piping length		m	300				
Max. level difference	outdoor above indoor	m	50				
	outdoor below indoor	m	40				
Max. piping length between first branch and furthest indoor unit		m	40				

VRV II HEAT RECOVERY

REYQ-M8		8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	
Modules	REYQ8M8	1					1																
	REYQ10M8		1				1	2	1	1	1				2	2	1	1	1				
	REYQ12M8			1					1			1					1			1			
	REYQ14M8				1					1			1		1		1		1		1		
	REYQ16M8					1					1	1	1	2	1	1	1	1	2	2	2	2	3
Equivalent horsepower	HP	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	
Number of outdoor units		1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	
Minimum capacity index		100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600	
Maximum capacity index		260	325	390	455	520	585	650	715	780	845	910	975	1040	1105	1170	1235	1300	1365	1430	1495	1560	
Cooling capacity	kW	22.4	28.0	33.5	40.0	44.5	50.4	56.0	61.5	68.0	72.5	78.0	84.5	89.0	96.0	101	106	113	117	123	129	134	
Heating capacity	kW	25.0	31.5	37.5	45.0	50.0	56.5	63.0	69.0	76.5	81.5	87.5	95.0	100	108	113	119	127	132	138	145	150	
Power input	cooling	kW	6.97	9.00	10.60	14.24	15.60	16.00	18.00	19.60	23.30	24.60	26.20	29.90	31.20	32.30	33.60	35.20	38.90	40.20	41.80	45.50	46.90
	heating	kW	6.89	9.31	10.80	12.90	14.00	16.20	18.60	20.10	22.20	23.30	24.80	26.90	28.10	31.50	32.60	34.10	36.20	37.40	38.80	40.90	42.10
EER	cooling		3.21	3.11	3.16	2.81	2.85	3.15	3.11	3.14	2.92	2.95	2.98	2.83	2.85	2.97	3.01	3.01	2.90	2.91	2.94	2.84	2.86
COP	heating		3.63	3.38	3.47	3.49	3.57	3.49	3.39	3.43	3.44	3.50	3.53	3.53	3.56	3.43	3.47	3.49	3.51	3.53	3.56	3.55	3.56
Dimensions	height	mm	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	
	width	mm	930	930	1,240	1,240	1,240	1,860	1,860	2,170	2,170	2,170	2,480	2,480	2,480	3,100	3,100	3,410	3,410	3,410	3,720	3,720	3,720
	depth	mm	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765
Weight		kg	245	245	295	340	340	490	490	540	585	585	635	680	680	830	830	880	925	925	975	1,020	1,020
Number of connectable indoor units		13	16	19	20	20	20	20	22	32	32	32	32	32	32	34	36	38	40	40	40	40	40