



REYQ-P8/P9

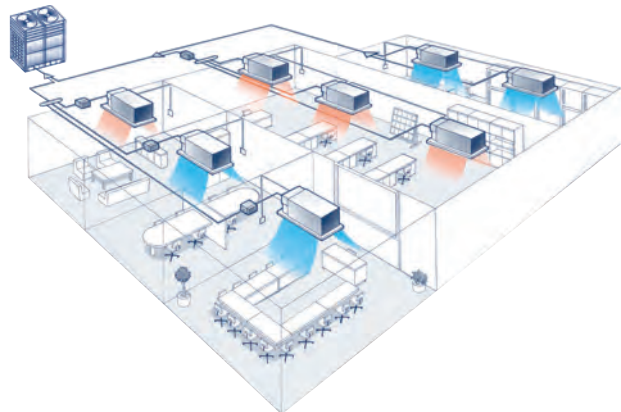
VRV®III heat recovery compact combination



REYQ46-48P8Y1B

- Increased EER/COP thanks to the redesigned 8 and 12HP stand alone units and 8HP modular unit
- Its operation range for example 8hp to 48hp in 2hp increment steps (21 system combinations), is wider than any of its contemporaries
- Its ability to run no less than 64 indoor units in heat recovery format cannot at present be matched by other comparable systems
- Continuous heating during defrost (resulting in a higher integrated heating capacity)
- Easy installation thanks to automatic refrigerant charging operation, automatic test operation
- Increased piping flexibility: maximum piping length: 165m, increased total piping length: 1,000m
- The ability to control each conditioned zone keeps VRV®III system running costs to an absolute minimum
- Only those areas calling for air conditioning need to be cooled or heated and the system can be shut down completely in unoccupied rooms

- Quick cool/heat change over
- Improved refrigerant containment check function
- Flexible combination of outdoor units: Small footprint combination, high COP combination or any other combination of your choice



REYQ-P8		8	10	12	14	16	18	20	22	24	26	28				
Stand alone units	REYQ8P9	1					Not Applicable									
	REYQ10P8		1													
	REYQ12P9			1												
	REYQ14P8				1											
	REYQ16P8					1										
Modular units	REMQ8P9	Not Applicable					1	1								
	REMQ10P8						1			1						
	REMQ12P8									1	1	2		1		
	REMQ14P8														1	1
	REMQ16P8															
Number of outdoor units		1	1	1	1	1	2	2	2	2	2	2				

REYQ-P8		30	32	34	36	38	40	42	44	46	48	
Stand alone units	REYQ8P9	Not Applicable										
	REYQ10P8											
	REYQ12P9											
	REYQ14P8											
	REYQ16P8											
Modular units	REMQ8P9			1	1							
	REMQ10P8			1		1		1				
	REMQ12P8				1	1	2		1			
	REMQ14P8	1								1		
	REMQ16P8	1	2	1	1	1	1	2	2	2	3	
Number of outdoor units		2	2	3	3	3	3	3	3	3	3	



REYQ-P8/P9

VRV®III heat recovery

HEAT RECOVERY								
REYQ-P8				8	10	12	14	16
Capacity range			HP	8	10	12	14	16
Capacity	Cooling		kW	22.4	28.0	33.5	40.0	45.0
	Heating		kW	25.0	31.5	37.5	45.0	50.0
Power Input (Nominal)	Cooling		kW	5.20	7.09	8.72	11.4	14.1
	Heating		kW	5.71	7.38	8.84	11.0	12.8
EER				4.31	3.95	3.84	3.51	3.19
COP				4.38	4.27	4.24	4.09	3.91
Dimensions	(Height x Width x Depth)		mm	1,680x1,300x765				
Weight			kg	331		339		
Sound Level	Sound Power	Cooling	dBA	78	78	80	83	84
	Sound Pressure	Cooling	dBA	58	58	60	62	63
Operation Range	Cooling	Min~Max	°CDD	-5~43				
	Heating	Min~Max	°CWB	-20~15				
Refrigerant				R-410A				
Power Supply				3~/380-415V/50Hz				
Max n° of indoor units to be connected				-				
Piping connections	Liquid (OD)/Gas		mm	952/191	952/222	12.7 / 28.6		
Max Total Length			m	1000				

HEAT RECOVERY											
REYQ-P8				18	20	22	24	26	28	30	32
Capacity range			HP	18	20	22	24	26	28	30	32
Capacity	Cooling		kW	50.4	55.9	61.5	67.0	73.0	78.5	85.0	90.0
	Heating		kW	56.5	62.5	69.0	75.0	81.5	87.5	95.0	100.0
Power Input (Nominal)	Cooling		kW	12.7	14.9	17.0	19.2	21.6	23.8	26.6	28.4
	Heating		kW	13.4	15.2	17.1	18.9	20.6	22.3	24.2	25.8
EER				3.98	3.76	3.62	3.49	3.38	3.30	3.20	3.17
COP				4.22	4.11	4.04	3.97	3.96	3.92	3.93	3.88
Dimensions	(Height x Width x Depth)		mm	1,680x930 + 930x765			1,680x930 + 1,240x765		1,680x1,240 + 1,240x765		
Weight			kg	204 + 254		254 + 254		254 + 334		334 + 334	
Sound Level	Sound Power	Cooling	dBA	81	83	83	83	83	83	83	83
	Sound Pressure	Cooling	dBA	61	62	63	63	63	63	63	63
Operation Range	Cooling	Min~Max	°CDD	-5~43							
	Heating	Min~Max	°CWB	-20~15							
Refrigerant				R-410A							
Power Supply				3~/380-415V/50Hz							
Max n° of indoor units to be connected				-							
Piping connections	Liquid (OD)/Gas		mm	15.9 / 28.6		15.9/34.9		19.1 / 34.9			
Max Total Length			m	1000							

HEAT RECOVERY											
REYQ-P8				34	36	38	40	42	44	46	48
Capacity range			HP	34	36	38	40	42	44	46	48
Capacity	Cooling		kW	95.4	101.0	107.0	112.0	118.0	124.0	130.0	135.0
	Heating		kW	107.0	113.0	119.0	125.0	132.0	138.0	145.0	150.0
Power Input (Nominal)	Cooling		kW	26.9	29.1	31.2	33.4	35.8	38.0	40.8	42.6
	Heating		kW	26.3	28.1	30.0	31.8	33.5	35.2	37.1	38.7
EER				3.55	3.47	3.43	3.35	3.30	3.26	3.19	3.17
COP				4.07	4.02	3.97	3.93	3.94	3.92	3.91	3.88
Dimensions	(Height x Width x Depth)		mm	1,680x930 + 930 + 1,240x765			1,680x930 + 1,240 + 1,240x765		1,680x1,240 + 1,240 + 1,240x765		
Weight			kg	204 + 254 + 334		254 + 254 + 334		254 + 334 + 334		334 + 334 + 334	
Sound Level	Sound Power	Cooling	dBA	84	85	85	85	85	85	85	85
	Sound Pressure	Cooling	dBA	64	64	65	65	65	65	65	65
Operation Range	Cooling	Min~Max	°CDD	-5~43							
	Heating	Min~Max	°CWB	-20~15							
Refrigerant				R-410A							
Power Supply				3~/380-415V/50Hz							
Max n° of indoor units to be connected				-							
Piping connections	Liquid (OD)/Gas		mm	19.1 / 34.9		19.1 / 41.3					
Max Total Length			m	1000							