

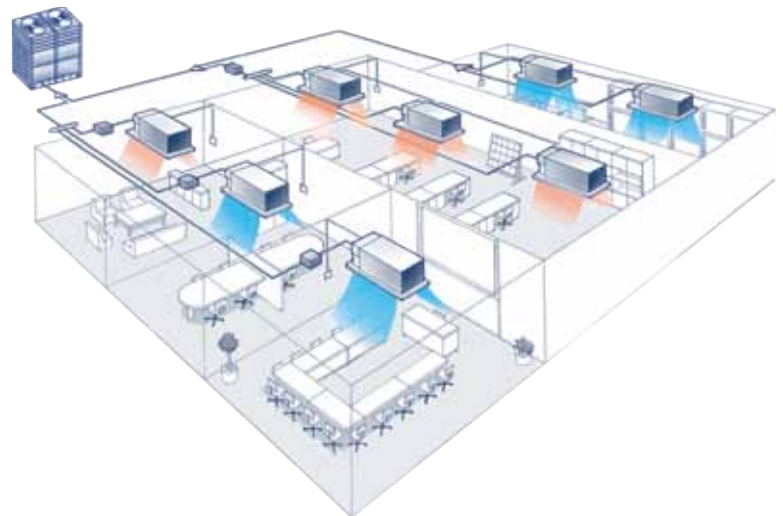


# REYQ8-48P8/P9

## VRV<sup>®</sup>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<sup>®</sup>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	1	1		
	REMQ12P8								1	1	2	1
	REMQ14P8											
	REMQ16P8											1
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



# REYQ8-48P8/P9

## VRV®III Heat Recovery

HEAT RECOVERY			8	10	12	14	16	
<b>REYQ-P8</b>								
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	9.52/19.1	9.52/22.2	12.7 / 28.6			
Max Total Length		m	1000					

HEAT RECOVERY			18	20	22	24	26	28	30	32
<b>REYQ-P8</b>										
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
	Sound Pressure	Cooling	dBA	61	62	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			34	36	38	40	42	44	46	48
<b>REYQ-P8</b>										
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
	Sound Pressure	Cooling	dBA	64	64	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							

# BSVQ-P8

## Individual Branch Selector for VRV® Heat Recovery

- High comfort levels: individual control and change over of 1 group of indoor units
- Maximum design flexibility because individual and multi boxes can be combined in one system
- Low built-in height
- No drain piping needed
- Allows multi tenant applications (option PCB required)



BSVQ100P8

				BSVQ100P8	BSVQ160P8	BSVQ250P8
Maximum capacity index of connectable indoor units				20 < x ≤ 100	100 < x ≤ 160	160 < x ≤ 250
Maximum number of connectable indoor units				5	8	
Power input	Cooling	kW		0.005		
	Heating	kW		0.005		
Dimensions	(Height x Width x Depth)			mm 207 x 388 x 326		
Weight				14		15
Piping connections	Outdoor unit	Liquid / gas / discharge gas	Type	Brazing connection		
			∅ mm	9.52 / 15.9 / 12.7		9.52 / 22.2 / 19.1
	Indoor unit	Liquid / gas	Type	Brazing connection		
			∅ mm	9.52 / 15.9		9.52 / 22.2
Power Supply				1~/220-240V/50Hz		

# BSV4/6Q-PV

## Multi Branch Selector for VRV® Heat Recovery

- Rapid installation resulting from less brazing points and wiring
- High comfort levels: individual control and change over of up to 4 or 6 groups of indoor units
- Maximum design flexibility because individual and multi boxes can be combined in one system
- Low built-in height
- No drain piping needed



BSV4Q100PV

				BSV4Q100PV	BSV6Q100PV
Maximum capacity index of connectable indoor units				400	600
Maximum capacity index of connectable indoor units per branch				100	
Number of branches				4	6
Maximum number of connectable indoor units				20	30
Maximum number of connectable indoor units per branch				5	
Power input	Cooling	kW		0.020	0.030
	Heating	kW		0.020	0.030
Dimensions	(Height x Width x Depth)			mm 209 x 1,053 x 635	
Weight				kg 60	
Piping connections	Outdoor unit	Liquid / gas / discharge gas	Type	Brazing connection	
			∅ mm	12.7 x 28.6 x 19.1	
	Indoor unit	Liquid / gas	Type	Brazing connection	
			∅ mm	9.5 / 15.9	
Power Supply				1~/220-240V/50Hz	