



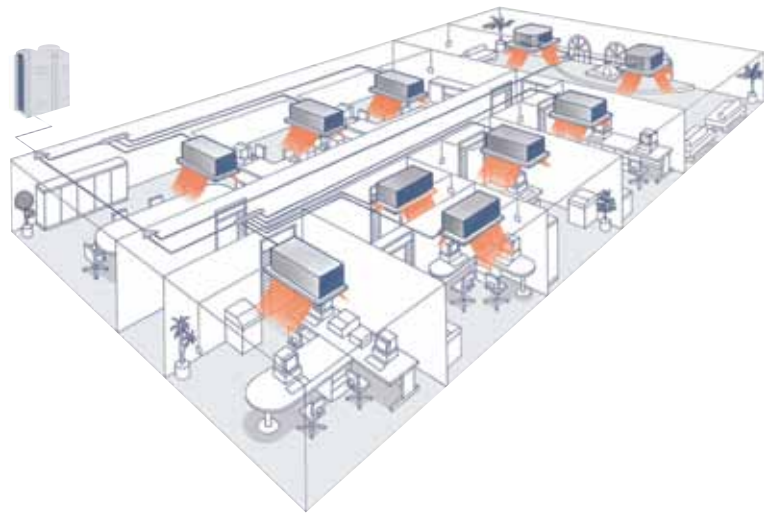
RXYQ5-54P(A)/P8(A)

VRV[®] III Inverter Heat Pump Small Footprint Combination



RXYQ44P8
RXYQ46-48P7

- Increased EER/COP thanks to the redesigned 8HP unit
- Outdoor unit capacity up to 54 HP
- Wide range of indoor units: 13 different models in a total of 75 variations
- Flexible combination of outdoor units: small footprint combination, high COP combination or any other combination of your choice
- Compact size of outdoor units
- Increased external static pressure: up to 78.4Pa
- 2 steps in night quiet mode: eg. 10HP: 58 dBA, 1st step: 54dBA, 2nd step: 45dBA
- RoHS compliant
- Easy combination with HRV
- Connectable to current Daikin control systems: DS-net, Intelligent Touch Controller, Intelligent Manager, BACnet Gateway, DMS-IF
- Easy installation thanks to automatic refrigerant charging operation, automatic test operation
- Refrigerant containment check function



RXYQ-P(A)/P8(A)	5	8	10	12	14	16	18	20	22	24	26	28	30
RXYQ5P7W1B	1	Not applicable											
RXYQ8P8W1B		1						1			1		
RXYQ10P7W1B			1						1			1	
RXYQ12P7W1B				1				1	1	2			1
RXYQ14P7W1BA					1								
RXYQ16P7W1BA						1							
RXYQ18P7W1BA							1					1	1

new->

RXYQ-P(A)/P8(A)	32	34	36	38	40	42	44	46	48	50	52	54
RXYQ5P7W1B	Not applicable											
RXYQ8P8W1B				1			1					
RXYQ10P7W1B					1			1				
RXYQ12P7W1B				1	1	2			1			
RXYQ14P7W1BA	1									1		
RXYQ16P7W1BA		1									1	
RXYQ18P7W1BA	1	1	2	1	1	1	2	2	2	2	2	3



RXYQ5-54P(A)/P8(A)

VRV® III Inverter Heat Pump Small Footprint Combination

HEAT PUMP				5	8	10	12	14	16	18	
Outdoor Units											
Capacity range		HP		5	8	10	12	14	16	18	
Capacity	Cooling	kW		14.0	22.4	28.0	33.5	40.0	45.0	49.0	
	Heating	kW		16.0	25.0	31.5	37.5	45.0	50.0	56.5	
Power input (nominal)	Cooling	kW		3.52	5.22	7.42	9.62	12.4	14.2	16.2	
	Heating	kW		4.00	5.56	7.70	9.44	11.30	12.90	15.30	
EER				3.98	4.29	3.77	3.48	3.23	3.17	3.02	
COP				4.00	4.50	4.09	3.97	3.98	3.88	3.69	
Dimensions	(Height x Width x Depth)	mm		1,680x635x765			1,680x930x765		1,680x1,240x765		
Weight		kg		159	187	240		316		324	
Sound Level	Sound Power	Cooling	dBA	72	78			80			
	Sound Pressure	Cooling	dBA	54	57	58	60				
Operation Range	Cooling	Min~Max	CDB							-5.0~43.0	
	Heating	Min~Max	CWD							-20.0~15.0	
Refrigerant										R-410A	
Power Supply										3N~/400V/50Hz	
Max n° of indoor units to be connected				8	13	16	19	23	26	29	
Piping connections	Liquid (OD)/Gas	mm		9.52 / 15.9	9.52 / 19.1	9.52 / 22.2	12.7 / 28.6			15.9 / 28.6	
Max. total length		m								1000	

HEAT PUMP				20	22	24	26	28	30	32	34	36
Outdoor Units												
Capacity range		HP		20	22	24	26	28	30	32	34	36
Capacity	Cooling	kW		55.9	61.5	67.0	71.4	77.0	82.5	89.0	94.0	98.0
	Heating	kW		62.5	69.0	75.0	81.5	88.0	94.0	102.0	107.0	113.0
Power input (nominal)	Cooling	kW		14.7	17.0	19.2	20.9	23.6	25.8	28.6	30.4	32.4
	Heating	kW		14.9	17.1	18.9	20.7	23.0	24.7	26.6	28.2	30.6
EER				3.80	3.62	3.49	3.41	3.26	3.20	3.11	3.09	3.02
COP				4.18	4.04	3.97	3.94	3.83	3.81	3.83	3.79	3.69
Dimensions	(Height x Width x Depth)	mm										
Weight		kg										
Sound Level	Sound Power	Cooling	dBA	83	83	83	85	85	85	85	85	86
	Sound Pressure	Cooling	dBA	62	63	63	64	65	65	65	65	66
Operation Range	Cooling	Min~Max	CDB									-5.0~43.0
	Heating	Min~Max	CWD									-20.0~15.0
Refrigerant												R-410A
Power Supply												3N~/400V/50Hz
Max n° of indoor units to be connected				32	35	39	42	45	49	52	55	58
Piping connections	Liquid (OD)/Gas	mm		15.9 / 28.6		15.9 / 34.9		19.1 / 34.9				19.1 / 41.3
Max. total length		m										1000

HEAT PUMP				38	40	42	44	46	48	50	52	54
Outdoor Units												
Capacity range		HP		38	40	42	44	46	48	50	52	54
Capacity	Cooling	kW		105.0	111.0	116.0	120.0	126.0	132.0	138.0	143.0	147.0
	Heating	kW		119.0	126.0	132.0	138.0	145.0	151.0	158.0	163.0	170.0
Power input (nominal)	Cooling	kW		30.6	33.2	35.4	36.9	39.8	42.0	44.8	46.6	48.6
	Heating	kW		30.1	32.4	34.2	35.9	38.3	40.0	41.9	43.5	45.9
EER				3.43	3.34	3.28	3.25	3.17	3.14	3.08	3.07	3.02
COP				3.95	3.89	3.86	3.84	3.79	3.78	3.77	3.75	3.70
Dimensions	(Height x Width x Depth)	mm										
Weight		kg										
Sound Level	Sound Power	Cooling	dBA	86	86	86	87	87	87	87	87	88
	Sound Pressure	Cooling	dBA	66	66	66	67	67	67	67	67	68
Operation Range	Cooling	Min~Max	CDB									-5.0~43.0
	Heating	Min~Max	CWD									-20.0~15.0
Refrigerant												R-410A
Power Supply												3N~/400V/50Hz
Max n° of indoor units to be connected				61							64	
Piping connections	Liquid (OD)/Gas	mm										19.1/41.3
Max. total length		m										1000