

# RXYQ-P7

 new

## VRV III Inverter heat pump



### VRV III HEAT PUMP

RXYQ-P7		5	8	10	12	14	16	18	20	22	24	26	28
Modules		RXYQ5P7	●										
		RXYQ8P7		●				++	+	●+	●	●++	+
		RXYQ10P7			●			+		+		+	●++
		RXYQ12P7				●			●+	+	++		
		RXYQ14P7					●			●			
		RXYQ16P7						●			●		
		RXYQ18P7										●	●
Number of outdoor units*			1	1	1	1	1	1	2	2	2	2	2
Number of connectable indoor units			12	22	25	30	36	40	44	47	51	53	56
Equivalent horsepower		HP	5	8	10	12	14	16	18	20	22	24	26
Minimum capacity index			62.5	100	125	150	175	200	225	250	275	300	325
Maximum capacity index - 130 %			162.5	260	325	390	455	520	585	650	715	780	845
Maximum capacity index - 160 %			200	320	400	480	560	640	720	800	880	960	1040
Maximum capacity index - 200 %			250	400	500	600	700	800	900	-	-	-	-
Cooling capacity**		kW	14.0	22.2	28.0	33.5	40.0	45.0	49.0	58.7	61.5	67.0	78.4
Heating capacity**		kW	16.0	25.0	31.5	37.5	45.0	50.0	56.5	65.9	69.0	75.0	88.3
Nominal input**		Cooling	kW	3.52	6.64	7.42	9.62	12.40	13.3	14.1	16.3	17.0	19.2
		Heating	kW	4.00	7.17	7.70	9.44	11.30	14.3	14.9	16.6	17.1	18.9
EER**		Cooling		3.98	3.34	3.77	3.48	3.23	3.38	3.48	3.61	3.48	3.79
COP**		Heating		4.00	3.49	4.09	3.97	3.98	3.50	3.79	4.03	3.97	4.01
Dimensions		Height	mm	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680
		Width*	mm	635	930	930	930	1,240	1,240	1,240	1,860	2,170	2,170
		Depth	mm	765	765	765	765	765	765	765	765	765	765
Weight			kg	160	205	249	***	329	329	341	***	***	***
Air flow rate				95	171	185	***	233	233	239	***	***	***
Sound pressure level			dB(A)	***	***	***	***	***	***	***	***	***	***
Sound power level			dB(A)	***	***	***	***	***	***	***	***	***	***
Operation range		Cooling	°CDB	-5 ~ 43									
		Heating	°CWB	-20 ~ 15.5									
Refrigerant type				R-410A									
Power supply			W1	3N~, 50Hz, 400V									
Piping connections		liquid/gas	mm	ø9.5/ø15.9	ø9.5/ø19.1	ø9.5/ø22.2	ø12.7/ø28.6	ø12.7/ø28.6	ø12.7/ø28.6	ø15.9/ø28.6	-	-	-
Actual piping length/equivalent piping length			m	165/190									
Total piping length			m	1,000									
Max. level difference		outdoor above indoor	m	90									
		outdoor below indoor	m	90									
Length diff. between 1st branch/closest indoor & 1st branch/furthest indoor			m	40									

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RXYQ-P7		30	32	34	36	38	40	42	44	46	48	50	52	54
Modules		RXYQ5P7												
		RXYQ8P7		+			●	●	●					
		RXYQ10P7	+++		+					●				
		RXYQ12P7	●	++	++	+++	●				●			
		RXYQ14P7		●			●					●		
		RXYQ16P7			●		●		●	●	●	●	●	●
		RXYQ18P7	●	●	●	●●	●	●	●●	●●	●●	●●	●●	●●●
Number of outdoor units*			2	2	2	2	3	3	3	3	3	3	3	3
Number of connectable indoor units			60	64	64	64	64	64	64	64	64	64	64	64
Equivalent horsepower		HP	30	32	34	36	38	40	42	44	46	48	50	54
Minimum capacity index			375	400	425	450	475	500	525	550	575	600	625	650
Maximum capacity index - 130 %			975	1,040	1,105	1,170	1,235	1,300	1,365	1,430	1,495	1,560	1,625	1,690
Maximum capacity index - 160 %			1,200	1,280	1,360	1,440	-	-	-	-	-	-	-	-
Maximum capacity index - 200 %			-	-	-	-	-	-	-	-	-	-	-	-
Cooling capacity**		kW	84.0	92.2	95.0	100.5	111.9	118.4	128.8	131.6	134.4	139.9	146.4	156.8
Heating capacity**		kW	94.5	103.4	106.5	112.5	125.8	133.3	145.1	148.2	151.3	157.3	164.8	179.7
Nominal input**		Cooling	kW	22.3	25.9	26.7	28.9	30.3	33.1	34.0	34.8	35.5	37.7	40.5
		Heating	kW	23.1	26.1	26.6	28.3	31.5	33.3	36.4	36.9	37.4	39.2	41.0
EER**		Cooling		3.77	3.56	3.56	3.48	3.69	3.58	3.79	3.79	3.78	3.71	3.61
COP**		Heating		4.09	3.97	4.01	3.97	4.00	3.99	4.02	4.04	4.01	4.02	4.01
Dimensions		Height	mm	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680
		Width*	mm	2,170	2,480	2,480	2,480	3,100	3,410	3,410	3,410	3,410	3,720	3,720
		Depth	mm	765	765	765	765	765	765	765	765	765	765	765
Weight			kg	***	***	***	***	***	***	***	***	***	***	***
Air flow rate				***	***	***	***	***	***	***	***	***	***	***
Sound pressure level			dB(A)	***	***	***	***	***	***	***	***	***	***	***
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Total piping length			m	1,000										
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		outdoor below indoor	m	90										
Length diff. between 1st branch/closest indoor & 1st branch/furthest indoor			m	40										

● Optimised foot print combinations / + Optimised COP combinations / \* Based on optimised foot print combinations / \*\* Based on optimised COP combinations / \*\*\* Information was not available at time of publication