

SPECIFICATIONS



Outdoor Units

VRV X (Cooling Only)

MODEL	RXQ6ARY6	RXQ8ARY6	RXQ10ARY6	RXQ12ARY6	RXQ14ARY6	RXQ16ARY6
Combination units	-	-	-	-	-	-
Power supply				3-phase, 380~415 V, 50 Hz		
Cooling capacity	Btu/h	54,600	76,400	95,500	1,14,000	1,36,000
	kW	16.0	22.4	28.0	33.5	40.0
Capacity control	%	25~100	20~100	13~100	12~100	11~100
Casing colour		Ivory white (5Y7.5/1)				
Compressor	Type	Hermetically Sealed Scroll Type				
	No. of compressor	1	1	1	1	2
Airflow rate	m³/min	119	178	191	257	
Dimensions (HxWxD)	mm	1,657X930X765			1,657X1,240X765	
Machine weight	kg	165	175	220	260	
Sound level	dB(A)	56	56	57	59	60
Operation range	Cooling	°CDB	10 ~ 49			
Refrigerant	Type		R410A			
	Charge	kg	5.9	6.7	6.8	7.4
Piping connections	Liquid	mm	ø 9.5		ø 12.7	
	Gas	mm	ø 19.1	ø 22.2	ø 28.6	

Note: Specifications are based on the following conditions:

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.

During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Outdoor Units

VRV X (Cooling Only)

MODEL	RXQ18ARY6	RXQ20ARY6	RXQ22ARY6	RXQ24ARY6
Combination units	--	--	RXQ10ARY6	RXQ12ARY6
	--	--	RXQ12ARY6	RXQ12ARY6
	--	--	--	--
Power supply			3-phase, 380~415 V, 50 Hz	
Cooling capacity	Btu/h	1,71,000	1,91,000	2,10,000
	kW	50.0	56.0	61.5
Capacity control	%	10~100	7~100	6~100
Casing colour		Ivory white (5Y7.5/1)		
Compressor	Type	Hermetically Sealed Scroll Type		
	No. of compressor	2	2	1+1
Airflow rate	m³/min	257	297	178+191
Dimensions (HxWxD)	mm	1,657X1,240X765		(1,657X930X765)+(1,657X930X765)
Machine weight	kg	260	285	175+175
Sound level	dB(A)	61	65	61
Operation range	Cooling	°CDB	10 ~ 49	
Refrigerant	Type		R410A	
	Charge	kg	8.4	11.8
Piping connections	Liquid	mm	ø 15.9	
	Gas	mm	ø 28.6	

Note: Specifications are based on the following conditions:

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.

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Outdoor Units

VRV X (Cooling Only)

MODEL		RXQ26ARY6	RXQ28ARY6	RXQ30ARY6	RXQ32ARY6	RXQ34ARY6	RXQ36ARY6		
Combination units		RXQ12ARY6	RXQ12ARY6	RXQ12ARY6	RXQ14ARY6	RXQ16ARY6	RXQ18ARY6		
		RXQ14ARY6	RXQ16ARY6	RXQ18ARY6	RXQ18ARY6	RXQ18ARY6	RXQ18ARY6		
Power supply		3-phase, 380~415 V, 50 Hz							
Cooling capacity	Btu/h	2,47,000	2,68,000	2,85,000	3,05,000	3,24,000	3,41,000		
	kW	73.5	78.5	83.5	90	95.0	100		
Capacity control	%	6~100	5~100	5~100	5~100	4~100	5~100		
Casing colour	Ivory white (SY7.5/1)								
Compressor	Type	Hermetically Sealed Scroll Type							
	No. of compressor	1+1	1+2	1+2	1+2	2+2	2+2		
Airflow rate	m³/min	191+257	191+257	191+257	257+257	257+257	257+257		
Dimensions (HxWxD)	mm	(1,657X930X765)+(1,657X1,240X765)			(1,657X1,240X765)+(1,657X1,240X765)				
Machine weight	kg	175+220	175+260	220+260	260+260				
Sound level	dB(A)	63		64					
Operation range	Cooling	°CDB	10 ~ 49						
Refrigerant	Type	R410A							
	Charge	kg	6.8+7.4	6.8+8.2	6.8+8.4	7.4+8.4	8.2+8.4		
Piping connections	Liquid	mm	Ø 19.1	Ø 19.1	Ø 19.1	Ø 19.1	Ø 19.1		
	Gas	mm	Ø 34.9	Ø 34.9	Ø 34.9	Ø 34.9	Ø 41.3		

Note: Specifications are based on the following conditions:

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
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Outdoor Units

VRV X (Cooling Only)

MODEL		RXQ38ARY6	RXQ40ARY6	RXQ42ARY6	RXQ44ARY6	RXQ46ARY6	RXQ48ARY6	RXQ50ARY6
Combination units		RXQ18ARY6	RXQ20ARY6	RXQ12ARY6	RXQ12ARY6	RXQ14ARY6	RXQ14ARY6	RXQ14ARY6
		RXQ20ARY6	RXQ20ARY6	RXQ12ARY6	RXQ12ARY6	RXQ14ARY6	RXQ14ARY6	RXQ14ARY6
Power supply		3-phase, 380~415 V, 50 Hz						
Cooling capacity	Btu/h	3,62,000	3,82,000	3,99,000	4,20,000	4,40,000	4,57,000	4,78,000
	kW	106	112	117	123	129	134	140
Capacity control	%	4~100	4~100	3~100	4~100	3~100	4~100	3~100
Casing colour	Ivory white (SY7.5/1)							
Compressor	Type	Hermetically Sealed Scroll Type						
	No. of compressor	2+2	1+1+2				1+2+2	
Airflow rate	m³/min	257+297	297+297	191+191+257	191+191+297	257+257+257		
Dimensions (HxWxD)	mm	(1,657X930X765)+(1,657X1,240X765)+(1,657X1,240X765)			(1,657X1,240X765)+(1,657X1,240X765)+(1,657X1,240X765)+(1,657X1,240X765)			
Machine weight	kg	260+285	285+285	175+175+260	175+175+285	220+220+260	220+260+260	220+260+260
Sound level	dB(A)	66	68	65	67	65		
Operation range	Cooling	°CDB	10 ~ 49					
Refrigerant	Type	R410A						
	Charge	kg	8.4+11.8	11.8+11.8	6.8+6.8+8.4	6.8+6.8+11.8	7.4+7.4+11.8	7.4+8.2+8.4
Piping connections	Liquid	mm	Ø 19.1	Ø 19.1	Ø 19.1	Ø 19.1	Ø 19.1	
	Gas	mm	Ø 34.9	Ø 34.9	Ø 34.9	Ø 34.9	Ø 41.3	

Note: Specifications are based on the following conditions:

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.



SPECIFICATIONS

Outdoor Units

VRV X (Cooling Only)

										
MODEL										
RXQ52ARY6 RXQ54ARY6 RXQ56ARY6 RXQ58ARY6 RXQ60ARY6										
RXQ16ARY6 RXQ18ARY6 RXQ18ARY6 RXQ18ARY6 RXQ20ARY6										
RXQ18ARY6 RXQ18ARY6 RXQ18ARY6 RXQ20ARY6 RXQ20ARY6										
RXQ18ARY6 RXQ18ARY6 RXQ20ARY6 RXQ20ARY6 RXQ20ARY6										
Power supply 3-phase, 380~415 V, 50 Hz										
Cooling capacity	Btu/h	4,95,000	5,12,000	5,32,000	5,53,000	5,73,000				
	kW	145	150	156	162	168				
Capacity control	%	3~100		2~100						
Casing colour		Ivory white (5Y7.5/1)								
Compressor	Type	Hermetically Sealed Scroll Type								
	No. of compressor	2+2+2								
Airflow rate	m³/min	257+257+257	257+297+297							
Dimensions (HxWxD)	mm	(1,657X1,240X765 + 1,657X1,240X765 + 1,657X1,240X765)								
Machine weight	kg	260+260+260	260+260+285	260+285+285	285+285+285					
Sound level	dB(A)	65	66	68	69	70				
Operation range	Cooling °CDB	10 ~ 49								
Refrigerant	Type	R410A								
	Charge kg	8.2+8.4+8.4	8.4+8.4+8.4	8.4+8.4+11.8	8.4+11.8+11.8	11.8+11.8+11.8				
Piping connections	Liquid mm	Ø 19.1								
	Gas mm	Ø 41.3								

Note: Specifications are based on the following conditions:

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
 - Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
- During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Outdoor Units

VRV X (Heat Pump)

											
MODEL		RXYQ6ARY6 RXYQ8ARY6 RXYQ10ARY6 RXYQ12ARY6 RXYQ14ARY6 RXYQ16ARY6									
Combination units		— — — — — —									
Power supply		3-phase, 380~415 V, 50 Hz									
Cooling capacity	Btu/h	54,600	76,400	95,500	1,14,000	1,36,000	1,54,000				
	kW	16.0	22.4	28.0	33.5	40.0	45.0				
Heating capacity	Btu/h	61,400	85,300	1,07,000	1,28,000	1,54,000	1,71,000				
	kW	18.0	25.0	31.5	37.5	45.0	50.0				
Capacity control	%	25~100	20~100	13~100	12~100	11~100	10~100				
Casing colour		Ivory white (5Y7.5/1)									
Compressor	Type	Hermetically Sealed Scroll Type									
	No. of compressor	1 2									
Airflow rate	m³/min	119	178	191	257						
Dimensions (HxWxD)	mm	1,657X930X765									
Machine weight	kg	180	195	265							
Sound level	dB(A)	56	57	60							
Operation range	Cooling °CDB	10 ~ 49									
Refrigerant	Type	R410A									
	Charge kg	6.9	7.0	7.4	7.6	9.1	9.3				
Piping connections	Liquid mm	Ø 9.5									
	Gas mm	Ø 19.1									
		Ø 22.2									
		Ø 28.6									

Note: Specifications are based on the following conditions:

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
 - Heating: Indoor temp.: 20°CDB, Outdoor temp.: 7°CDB, 6°CWB, Equivalent piping length: 7.5m, Level difference: 0m.
 - Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
- During actual operation, these values are normally somewhat higher as a result of ambient conditions.

SPECIFICATIONS



Outdoor Units

VRV X (Heat Pump)

Combination units	RXYQ18ARY6	—	—	RXYQ10ARY6	RXYQ12ARY6
	RXYQ20ARY6	—	—	RXYQ12ARY6	RXYQ12ARY6
	RXYQ22ARY6	—	—	—	—
Power supply					
3-phase, 380~415 V, 50 Hz					
Cooling capacity	Btu/h	1,71,000	1,91,000	2,10,000	2,29,000
	kW	50.0	56.0	61.5	67.0
Heating capacity	Btu/h	1,91,000	2,15,000	2,35,000	2,56,000
	kW	56.0	63.0	69.0	75.0
Capacity control	%	10-100	7-100	6-100	
Casing colour	Type	Ivory white (5Y7.5/1)			
Compressor	No. of compressor	2		1+1	
Airflow rate	m³/min	257	297	178+191	191+191
Dimensions (HxWxD)	mm	1,657X1,240X765		{1,657X930X765}+{1,657X930X765}	
Machine weight	kg	285	305	195+195	
Sound level	dB(A)	61	65	61	62
Operation range	Cooling	°CDB -5 ~ 49			
	Heating	°CDB -20 ~ 15.5			
Refrigerant	Type	R410A			
	Charge	kg	11.8	7.4+7.6	7.6+7.6
Piping connections	Liquid	mm	Ø 15.9		
	Gas	mm	Ø 28.6		Ø 34.9

Note: Specifications are based on the following conditions:

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0.
- Heating: Indoor temp.: 20°CDB, Outdoor temp.: 7°CDB, 6°WB, Equivalent piping length: 7.5m, Level difference: 0m.
- Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Outdoor Units

VRV X (Heat Pump)

Combination units	RXYQ26ARY6	—	—	—	—	—	—		
	RXYQ28ARY6	—	—	—	—	—	—		
	RXYQ30ARY6	—	—	—	—	—	—		
Power supply									
Cooling capacity	Btu/h	2,47,000	2,68,000	2,85,000	3,05,000	3,24,000	3,45,000		
	kW	73.5	78.5	83.5	90.0	95.0	101.0		
Heating capacity	Btu/h	—	2,99,000	3,19,000	3,41,000	3,62,000	3,86,000		
	kW	82.5	87.5	93.5	100.0	106.0	113.0		
Capacity control	%	5-100		5-100		4-100			
Casing colour	Type	Ivory white (5Y7.5/1)				Hermetically Sealed Scroll Type			
Compressor	No. of compressor	1+2		2+2					
Airflow rate	m³/min	191+257		257+257		257+297			
Dimensions (HxWxD)	mm	{1,657X930X765}+{1,657X1,240X765}		{1,657X1,240X765}+{1,657X1,240X765}					
Machine weight	kg	195+265		195+285		265+265			
Sound level	dB(A)	63		64		66			
Operation range	Cooling	°CDB -5 ~ 49							
	Heating	°CDB -20 ~ 15.5							
Refrigerant	Type	R410A							
	Charge	kg	7.6+9.1	7.6+9.3	7.6+11.8	9.3+9.3	9.3+11.8		
Piping connections	Liquid	mm	Ø 19.1						
	Gas	mm	Ø 34.9		Ø 41.3				

Note: Specifications are based on the following conditions:

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0.
- Heating: Indoor temp.: 20°CDB, Outdoor temp.: 7°CDB, 6°WB, Equivalent piping length: 7.5m, Level difference: 0m.
- Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.

SPECIFICATIONS



Outdoor Units

VRV X (Heat Pump)

MODEL	RXYQ38ARY6	RXYQ40ARY6	RXYQ42ARY6	RXYQ44ARY6		
RXYQ18ARY6	RXYQ20ARY6	RXYQ12ARY6	RXYQ12ARY6			
RXYQ20ARY6	RXYQ20ARY6	RXYQ12ARY6	RXYQ12ARY6			
—	—	RXYQ18ARY6	RXYQ20ARY6			
Power supply	3-phase, 380~415 V, 50 Hz					
Cooling capacity	Btu/h	3,62,000	3,82,000	3,99,000		
	kW	106.0	112.0	117.0		
				123.0		
Heating capacity	Btu/h	4,06,000	4,30,000	4,47,000		
	kW	119.0	126.0	131.0		
				138.0		
Capacity control	%	4 - 100	3 - 100	4 - 100		
Capacity control				3 - 100		
Casing colour	Ivory white (S5Y7.5/1)					
Type	Hermetically Sealed Scroll Type					
Compressor	No. of compressor	2+2	1+1+2			
Airflow rate	m³/min	257+297	297+297	191+191+257		
Dimensions (HxWxD)	mm	(1,657X1,240X765)+ (1,657X1,240X765)	(1,657X930X765)+ (1,657X930X765)+ (1,657X1,240X765)			
Machine weight	kg	285+305	305+305	195+195+285		
Sound level	dB(A)	66	68	65		
Operation range	Cooling °CDB	-5 ~ 49				
	Heating °CDB	-20 ~ 15.5				
Refrigerant	Type	R410A				
Charge	kg	11.8+11.8	7.6+7.6+11.8			
Piping connections	Liquid mm	Ø 19.1				
	Gas mm	Ø 41.3				

Note: Specifications are based on the following conditions:

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0.
- Heating: Indoor temp.: 20°CDB, Outdoor temp.: 7°CDB, 6°WB, Equivalent piping length: 7.5m, Level difference: 0m.
- Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Outdoor Units

VRV X (Heat Pump)

RXYQ14ARY6	RXYQ16ARY6	RXYQ16ARY6	RXYQ16ARY6	RXYQ18ARY6	RXYQ18ARY6	RXYQ18ARY6	RXYQ20ARY6
RXYQ16ARY6	RXYQ16ARY6	RXYQ16ARY6	RXYQ18ARY6	RXYQ18ARY6	RXYQ18ARY6	RXYQ20ARY6	RXYQ20ARY6
RXYQ16ARY6	RXYQ16ARY6	RXYQ18ARY6	RXYQ18ARY6	RXYQ18ARY6	RXYQ20ARY6	RXYQ20ARY6	RXYQ20ARY6
3-phase, 380~415 V, 50 Hz							
4,44,000	4,61,000	4,78,000	4,95,000	5,12,000	5,32,000	5,53,000	5,73,000
130.0	135.0	140.0	145.0	150.0	156.0	162.0	168.0
4,95,000	5,12,000	5,32,000	5,53,000	5,73,000	5,97,000	6,21,000	6,45,000
145.0	150.0	156.0	162.0	168.0	175.0	182.0	189.0
3 - 100						2 - 100	
Ivory white (S5Y7.5/1)							
Hermetically Sealed Scroll Type							
2+2+2							
257+257+257	257+257+297	257+257+257	257+257+297	257+257+297	257+257+297	257+257+297	257+257+297
(1,657X1,240X765)+ (1,657X1,240X765)+ (1,657X1,240X765)							
195+195+305	265+265+265	265+265+285	265+285+285	285+285+285	285+285+305	285+305+305	305+305+305
65					66	68	69
-5 ~ 49							
-20 ~ 15.5							
R410A							
9.1+9.3+9.3	9.3+9.3+9.3	9.3+9.3+11.8	9.3+11.8+11.8	11.8+11.8+11.8		Ø 19.1	
Ø 41.3							

Note: Specifications are based on the following conditions:

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0.
- Heating: Indoor temp.: 20°CDB, Outdoor temp.: 7°CDB, 6°WB, Equivalent piping length: 7.5m, Level difference: 0m.
- Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.