

1 Features

1 - 1 RXM-R

- › Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- › Outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall
- › Outdoor units are fitted with a swing compressor, renowned for its low noise and high energy efficiency
- › Outdoor units for pair application
- › Anti-corrosion treated outdoor heat exchanger fin

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Outdoor unit silent operation

2 Specifications

1 - 1 RXM-R

Technical Specifications					RXM25R	RXM35R	RXM50R	RXM60R
Casing	Colour				Ivory white			
Dimensions	Unit	Height	mm	550			734	
		Width	mm	765			870	
		Depth	mm	285			373	
	Packed unit	Height	mm	612			820	
		Width	mm	906			1,050	
		Depth	mm	402			480	
Weight	Unit	kg		32			49.0	
	Packed unit	kg		34			53	
Packing	Weight		kg	-			4	
Heat exchanger	Length		mm	805			920	
	Rows	Quantity		2				
	Fin pitch		mm	1.4			1.40	
	Stages	Quantity		24			32	
	Passes	Quantity		3.1			2.2	
	Tube type				ø7 Hi-XD			7.0 Hi-XD
	Fin		Type		Waffle fin (PE)			
	Type		Propeller fan					
	Fan	Air flow rate	Cooling	Nom.	m ³ /min	28.3	36.0	46.6
					cfm	999	1,271	1,645
Heating		Nom.	m ³ /min	28.3		44.1		
			cfm	999		1,557		
Fan motor	Model		DFC05A3VA				D55F-31	
	Output		W	50		55		
	Speed	Cooling	High	rpm	860	920	760	
			Nom.	rpm	800	860	740	
			Low	rpm	400		640	
	Heating	High	rpm	860		720		
		Nom.	rpm	800		720		
		Low	rpm	400		660		
Compressor	Model		1YC25GXD#C				2YC40JXD#C	
	Oil Amount		cm ³	-		650		
	Type		Hermetically sealed swing compressor					
	Output		W	800		1,300.0		
	Oil Type		FW68DA					
Operation range	Cooling	Ambient	Min.	°CDB	-10			
Operation range	Cooling	Ambient	Max.	°CDB	50 (1) / 46 (2)		50 (4) / 46 (5)	
			Min.	°CDB	-20 (1) / -15 (2)		-20 (4) / -15 (5)	
	Heating	Ambient	Max.	°CDB	24			
Sound power level	Heating	Nom.	dB(A)	59	61	62.0	63.0	
Sound pressure level	Cooling	Nom.	dB(A)	46	49		48.0	
	Heating	Nom.	dB(A)	47	49		49.0	
Refrigerant	Type		R-32					
	Charge		kg	0.76		1.15		
	Charge		TCO ₂ Eq	0.52		0.780		
	Control		Expansion valve					
	GWP			675		675.0		
Piping connections	Liquid	OD	mm	6.35				
		Gas	OD	mm	9.50		12.7	
	Drain	OD	mm	18		16		
		Piping length	OU - IU	Max.	m	20		30
	System		Chargeless	m	10		-	
	Additional refrigerant charge		kg/m	0.02 (for piping length exceeding 10m)				
	Level dif-	IU - OU	Max.	m	15		20.0	
	ference							
Heat insulation		Both liquid and gas pipes						
Capacity control	Method		Variable (inverter)					

Technical Specifications					RXM25R	RXM35R	RXM50R	RXM20R	RXM42R	RXM60R	RXM71R
Casing	Colour				Ivory white						
Dimensions	Unit	Height	mm	550	734	550			734		
		Width	mm	765	870	765		870		954	
		Depth	mm	285	373	285		373		401	
	Packed unit	Height	mm	612	820	612			820		
		Width	mm	906	1,050	906			1,050		
		Depth	mm	402	480	402			480		
Weight	Unit	kg		32	49.0	32		49.0		55	
	Packed unit	kg		34	53	34		53		60	
Packing	Weight		kg	-	4	-		4		5	

2 Specifications

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Technical Specifications					RXM25R	RXM35R	RXM50R	RXM20R	RXM42R	RXM60R	RXM71R		
Heat exchanger	Length	mm	805		920		805		920				
	Rows	Quantity	2										
	Fin pitch	mm	1.4		1.40		1.4		1.40				
	Stages	Quantity	24		32		24		32				
	Passes	Quantity	3.1		2.2		3.1		2.2				
	Tube type		ø7 Hi-XD		7.0 Hi-XD		ø7 Hi-XD		7.0 Hi-XD		ø7 Hi-XD		
Fan	Fin	Type	Waffle fin (PE)										
	Type		Propeller fan										
	Air flow rate	Cooling	Nom.	m ³ /min	28.3	36.0	46.6	36.0	46.6		-		
					cfm	999	1,271	1,645	1,271	1,645		1,730	
	Heating	Nom.	m ³ /min	-									
				cfm	999	1,271	1,645	1,271	1,645		1,730		
Medium	m ³ /min	-											
		cfm	999	1,271	1,645	1,271	1,645		1,730				
Fan motor	Model		DFC05A3VA		D55F-31		DFC05A3VA		D55F-31		D90B-37		
	Output	W	50		55		50		55		128		
	Speed	Cooling	High	rpm	860	920	760	920	760		880		
				Nom.	rpm	800	860	740	800	740		780	
				Low	rpm	400		640		400		640	
	Heating	High	rpm	860		720		860		720		780	
			Nom.	rpm	800		720		800		690		720
			Low	rpm	400		660		400		500		660
	Compressor	Model		1YC25GXD#C		2YC40JXD#C		1YC25GXD#C		2YC40JXD#C		2YC71DXD#C	
		Oil Amount	cm ³	-		650		-		650		900	
Type			Hermetically sealed swing compressor										
Output		W	800		1,300.0		800		1,300.0		2,400.0		
Compressor	Oil Type		-		FW68DA		-		FW68DA				
Operation range	Cooling	Ambient	Min.	°CDB									
			Max.	-10									
	Heating	Ambient	Min.	50 (1) / 46 (2)		50 (4) / 46 (5)		50 (1) / 46 (2)		50 (4) / 46 (5)		46	
			Max.	-20 (1) / -15 (2)		-20 (4) / -15 (5)		-20 (1) / -15 (2)		-20 (4) / -15 (5)		-15	
Sound power level	Heating	Nom.	dB(A)	59	61	62.0	59	62.0	63.0	67.0			
			dB(A)	46	49	48.0	46	48.0		47.0			
Sound pressure level	Heating	Nom.	dB(A)	47	49	49.0	47	48.0	49.0	48.0			
			dB(A)	24									
Refrigerant	Type		R-32										
	Charge	kg	0.76		1.15		0.76		1.10		1.15		
	Charge	TCO2Eq	0.52		0.780		0.52		0.750		0.780		
	Control		Expansion valve		-		Expansion valve		-				
	GWP		675		675.0		675		675.0				
Piping connections	Liquid	OD	mm	6.35									
	Gas	OD	mm	9.50		12.7		9.50		12.7		15.9	
	Drain	OD	mm	18		16		18		16		18	
	Piping length	OU - IU	Max.	System	20		30		20		30		
				Chargeless	10		-		10		-		
	Additional refrigerant charge	kg/m	0.02 (for piping length exceeding 10m)										
	Level difference	IU - OU	Max.	m	15		20.0		15		20.0		
	Heat insulation		Both liquid and gas pipes										
Capacity control	Method		Variable (inverter)										

Standard accessories: Drain plug; Quantity: 1;

Standard accessories: Installation manual; Quantity: 1;

Standard accessories: Refrigerant charge label; Quantity: 1;

Standard accessories: Multilingual fluorinated greenhouse gases labels; Quantity: 1;

Standard accessories: Drain cap (1); Quantity: 6;

Standard accessories: Drain cap (2); Quantity: 3;

Electrical Specifications					RXM25R	RXM35R	RXM50R	RXM60R
Power supply	Phase		1~					
	Frequency	Hz	50					
	Voltage	V	220-240					
Wiring connections	For power supply	Quantity	3					
		Remark	Earth wire included					
	For connection with indoor	Quantity	4					
	Remark	Earth wire included						
Current - 50Hz	Maximum fuse amps (MFA)	A	13		16			

Electrical Specifications					RXM25R	RXM35R	RXM50R	RXM20R	RXM42R	RXM60R	RXM71R
Power supply	Phase		1~								
	Frequency	Hz	50								
	Voltage	V	220-240								