

1 Features

- High heating energy efficiency with SCOP up to A++
- Guaranteed heating capacity at low ambient temperature, down to -25°C
- Thanks to the unique free hanging coil technology, the defrost cycle is improved, resulting in lower running costs and no ice buildup

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Guaranteed
operation down
to -25°C



Outdoor unit
silent operation

2 Specifications

2-1 Capacity and Power input				FTXLS25K/RXLS25M	FTXLS35K/RXLS35M	
Indoor unit				FTXLS25K	FTXLS35K	
Outdoor unit				RXLS25M	RXLS35M	
Cooling capacity	Min.		kW	1.6	1.7	
			Btu/h	5,800		
			kcal/h	1,460		
	Max.		kW	4.4	5.0	
			Btu/h	17,100		
			kcal/h	4,300		
Heating capacity	Min.		kW	1.0		
			Btu/h	3,412		
			kcal/h	860		
	Max.		kW	6.6	7.2	
			Btu/h	22,861.0	24,567	
			kcal/h	5,761.0	6,191	
Power input	Cooling	Min.	kW	0.320		
		Nom.	kW	0.669	0.951	
		Max.	kW	2.330		
	Heating	Min.	kW	0.240		
		Nom.	kW	1.100	1.310	
		Max.	kW	2.360	2.880	
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A++		
		Pdesign	kW	2.50	3.50	
		SEER		6.62	6.91	
		Annual energy consumption	kWh	132	177	
	Heating (Average climate)	Energy label		A++		
		Pdesign	kW	3.20	3.80	
		SCOP		4.62	4.60	
		Annual energy consumption	kWh	947	1,147	
Piping connections	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.5		
	Drain	OD	mm	18		
	Heat insulation			Both liquid and gas pipes		
Current	Nominal running current (RLA) - 50Hz	Cooling	A	3.4 (2) / 3.3 (3) / 3.2 (4)		
		Heating	A	5.5 (2) / 5.3 (3) / 5.1 (4)		
Nominal efficiency	EER			3.74	3.69	
	COP			4.27	4.12	
	Annual energy consumption		kWh	334.5	475.5	
	Energy label	Cooling			A	
		Heating			A	

Notes

- (1) For rated minimal heating capacity indoor unit fan set to SL tap
- (2) 220V
- (3) 230V
- (4) 240V
- (5) EER/COP according to Eurovent 2012, for use outside EU only
- (6) Nominal efficiency: cooling at 35°/27° nominal load, heating at 7°/20° nominal load

2-2 Technical Specifications				RXLS25M	RXLS35M
Casing	Colour			Ivory white	
Dimensions	Unit	Height	mm	550	
		Width	mm	858	
		Depth	mm	330	
	Packed unit	Height	mm	617	
		Width	mm	914	
		Depth	mm	392	

2 Specifications

2-2 Technical Specifications					RXLS25M	RXLS35M
Weight	Unit		kg		40	
	Packed unit		kg		42	
Heat exchanger	Length		mm		810	
	Rows	Quantity			2	
	Fin pitch		mm		1.5	
	Stages	Quantity			24	
	Tube type				ø8 Hi-XA	
	Fin	Type			Precoat Fin	
Compressor	Model				2YC36BXD#C	
	Type				Hermetically sealed swing compressor	
	Output		W		1,100	
Fan	Type				Propeller fan	
	Air flow rate	Cooling	High	m ³ /min	37.3	
				cfm	1,317	
			Super low	m ³ /min	30.6	
			cfm	1,080		
		Heating	High	m ³ /min	31.3	
				cfm	1,105	
	Super low		m ³ /min	27.2		
	cfm	960				
Fan motor	Model				D50R-28	
	Output		W		50	
	Speed	Cooling	High	rpm	890	
				Low	rpm	790
			Super low	rpm	-	
		Heating	High	rpm	890	
				Low	rpm	780
			Super low	rpm	-	
	Sound power level	Cooling		dBA		61
Heating		dBA		61		
Sound pressure level	Cooling	High	dBA	48		
		Low	dBA	44		
	Heating	High	dBA	49		
		Low	dBA	45		
Operation range	Cooling	Ambient	Min.	°CDB	-10	
			Max.	°CDB	46	
	Heating	Ambient	Min.	°CWB	-25	
			Max.	°CWB	18	
Refrigerant	Type				R-410A	
	Charge		kg		1.3	
	GWP				1,975	
Refrigerant oil	Type				FVC50K	
	Charged volume		l		0.650	
Piping connections	Liquid	OD	mm	6.35		
		Gas	OD	mm	9.5	
	Drain	ID	mm	-		
		OD	mm	18		
	Piping length	OU - IU	Max.	m	20	
		System	Chargeless	m	10	
	Additional refrigerant charge		kg/m		0.02 (for piping length exceeding 10m)	
	Level difference	IU - IU	Max.	m	15	
	Heat insulation				Both liquid and gas pipes	

2 Specifications

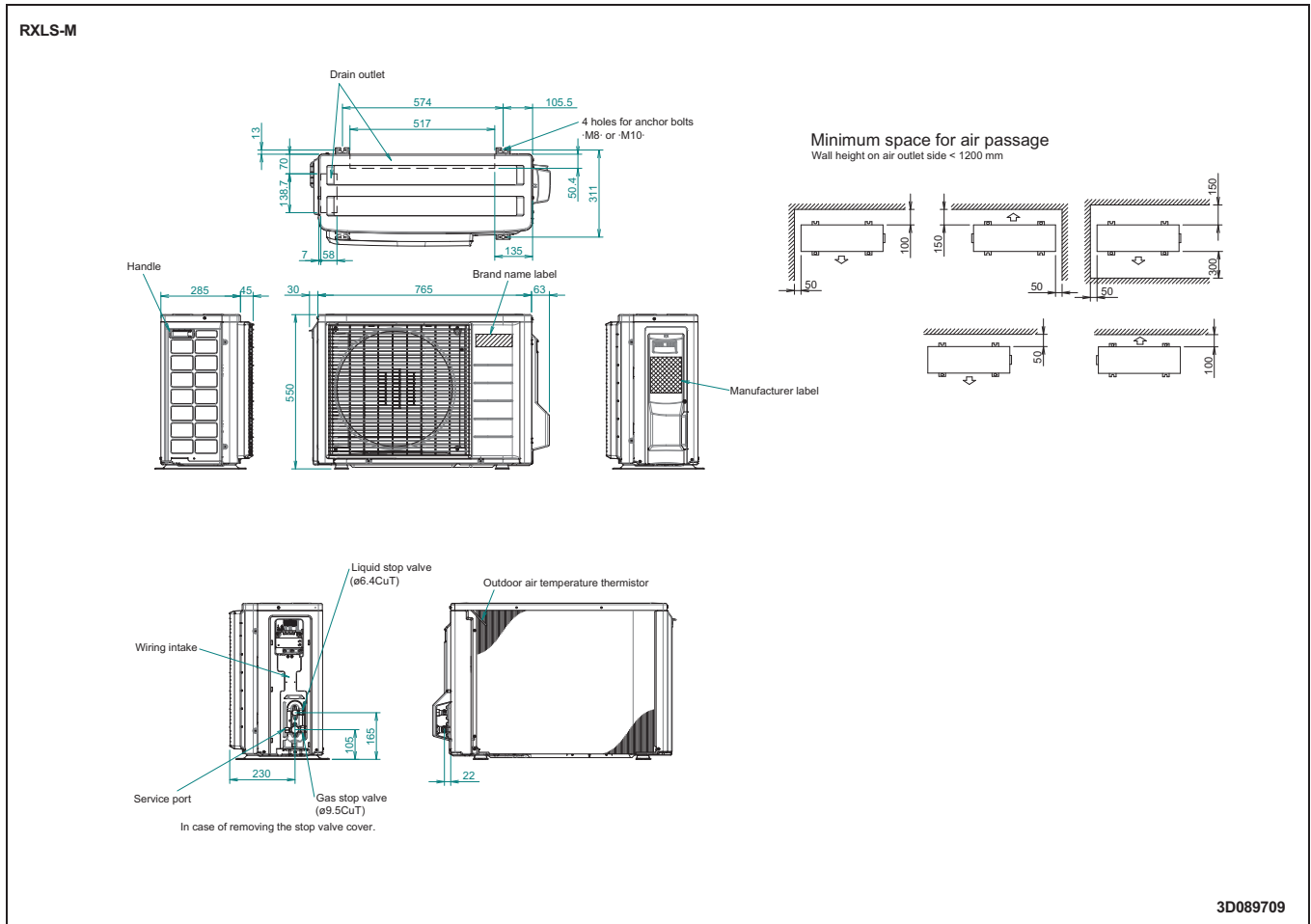
2-3 Electrical Specifications				RXLS25M	RXLS35M
Power supply	Name			V1	
	Phase			1~	
	Frequency	Hz		50	
	Voltage	V		220-240	
Current	Nominal running current (RLA)	Cooling	A	5.89 (1) / 5.59 (2) / 5.39 (3)	
		Heating	A	6.46 (1) / 6.16 (2) / 5.87 (3)	
	Starting current	Cooling	A	6.6	
		Heating	A	6.6	
Current - 50Hz	Maximum fuse amps (MFA)	A	20		
Current - 60Hz	Maximum fuse amps (MFA)	A	-		
Wiring connections	For power supply	Remark	3 for power supply, 4 for interunit wiring (including earth wiring)		

Notes

- (1) 220V
- (2) 230V
- (3) 240V

5 Dimensional drawings

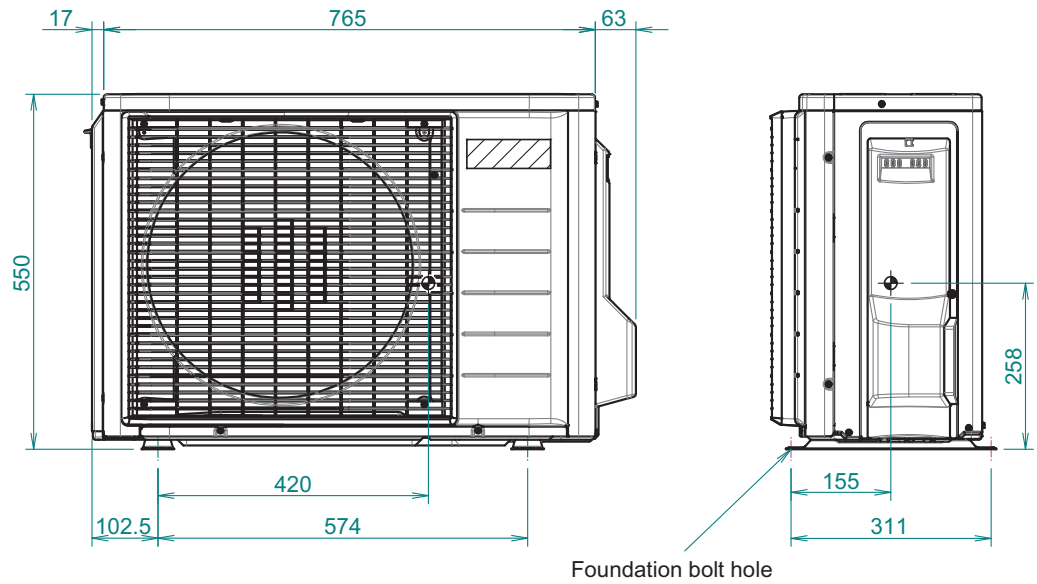
5 - 1 Dimensional Drawings



6 Centre of gravity

6 - 1 Centre of Gravity

RXLS-M



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