

1 Features

- 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				FTXL25JV/RXL25M	FTXL35JV/RXL35M
Indoor unit				FTXL25JV	FTXL35JV
Outdoor unit				RXL25M	RXL35M
Cooling capacity	Min.		kW	1.2	1.3
			Btu/h	4,436	4,400
			kcal/h	1,118	1,120
	Max.		kW	3.4	3.8
			Btu/h	12,966	13,000
			kcal/h	3,268	3,270
Heating capacity	Min.		kW	1.1	1.2
			Btu/h	3,753	4,095
			kcal/h	946	1,032
	Max.		kW	5.5	6.0
			Btu/h	18,767.0	20,473.0
			kcal/h	4,730.0	5,159.0
Power input	Cooling	Min.	kW	0.290	
		Nom.	kW	0.801	1.140
		Max.	kW	1.300	
	Heating	Min.	kW	0.240	
		Nom.	kW	0.722	0.902
		Max.	kW	2.142	2.890
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A+	
		Pdesign	kW	2.50	3.50
		SEER		6.01	5.87
		Annual energy consumption	kWh	146	209
	Heating (Average climate)	Energy label		A+	
		Pdesign	kW	2.50	3.00
		SCOP		4.37	4.21
		Annual energy consumption	kWh	793	998
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	4.0 (2) / 3.8 (3) / 3.6 (4)	6.4 (2) / 6.2 (3) / 6.0 (4)
		Heating	A	3.6 (2) / 3.5 (3) / 3.4 (4)	4.0 (2) / 3.8 (3) / 3.7 (4)
Nominal efficiency	EER			3.12	3.07
	COP			4.43	4.21
	Annual energy consumption		kWh	400.5	570
	Energy label	Cooling		B	
		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				RXL25M	RXL35M
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					RXL25M		RXL35M	
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	m³/min	37.3			
				cfm	1,317			
			Super low	m³/min	30.6			
		cfm		1,080				
		Heating	High	m³/min	31.3			
				cfm	1,105			
	Super low		m³/min	27.2				
		cfm	960					
Fan motor	Model				D50R-28			
	Output			W	50			
	Speed	Cooling	High	rpm	890			
				rpm	790			
			Super low	rpm	-			
		Heating		High	rpm	890		
			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			
	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	15			
		System	Chargeless	m	10			
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)			
	Level difference	IU - IU	Max.	m	12			
	Heat insulation				Both liquid and gas pipes			

2 Specifications

2-3 Electrical Specifications				RXL25M		RXL35M	
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	4.52 (1) / 4.52 (2) / 4.52 (3)		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

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Technical drawings of the outdoor unit of a split system air conditioner, showing dimensions and labels for various components.

Top View Dimensions:

- Overall width: 574
- Distance between mounting holes: 517
- Distance from right edge to mounting hole: 105.5
- Distance from left edge to mounting hole: 138.7
- Distance from top edge to mounting hole: 70
- Distance from bottom edge to mounting hole: 50.4
- Overall height: 311
- Distance from left edge to drain outlet: 7
- Distance from right edge to drain outlet: 135

Labels for Top View:

- Drain outlet
- 4 holes for anchor bolts M8 or M10

Front View Dimensions:

- Overall width: 765
- Distance from left edge to brand name label: 30
- Distance from right edge to brand name label: 63
- Overall height: 550

Labels for Front View:

- Brand name label

Side View Dimensions:

- Overall width: 285
- Distance from top edge to handle: 45

Labels for Side View:

- Handle

Internal View Dimensions:

- Distance from top edge to wiring intake: 105
- Distance from bottom edge to gas stop valve: 165
- Overall width: 230

Labels for Internal View:

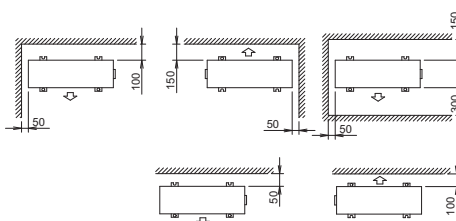
- Wiring intake
- Liquid stop valve (Ø6.4CuT)
- Gas stop valve (Ø9.5CuT)
- Service port

Outdoor air temperature thermistor

Manufacturer label

In case of removing the stop valve cover.

Minimum space for air passage
Wall height on air outlet side < 1200 mm

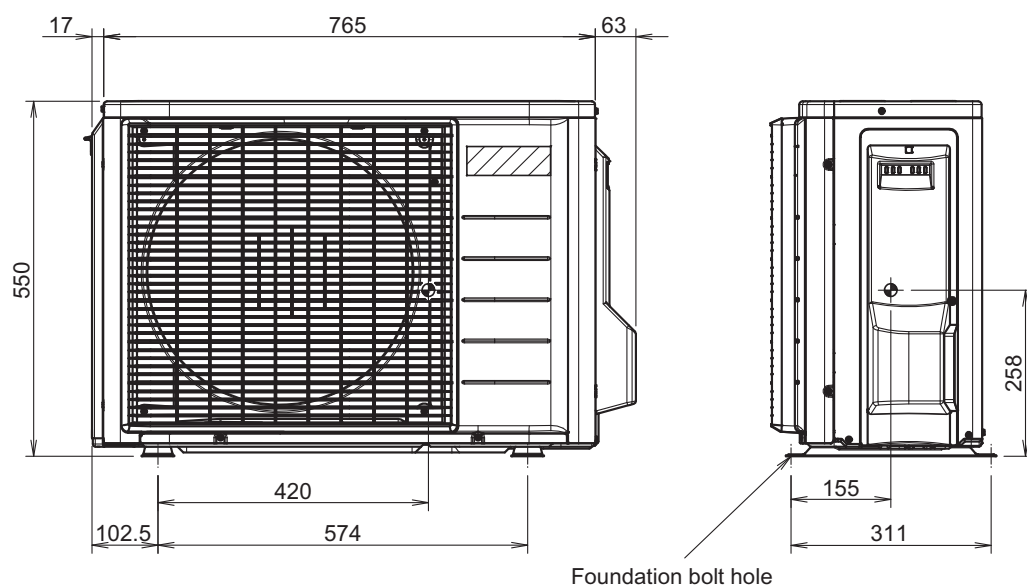


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6 Centre of gravity

6 - 1 Centre of Gravity

RXL-M



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