

Technical Submission for Proposed Air Conditioning
09/11/2016 12:39:58

Air Conditioning
Technical Data

RXS-L



2 Specifications

2-1 Capacity and Power input				FCQG50F/RXS50L	FCQG60F/RXS60L
Cooling capacity	Min.		kW	1.7	
			Btu/h	5,800	
			kcal/h	1,460	
	Nom.		kW	5.0	5.7
			Btu/h	17,060	19,450
			kcal/h	4,300	4,900
	Max.		kW	5.3	5.7
			Btu/h	18,100	19,450
			kcal/h	4,560	4,900
Heating capacity	Min.		kW	1.7	
			Btu/h	5,800	
			kcal/h	1,460	
	Nom.		kW	6.00	7.0
			Btu/h	20,472	23,890
			kcal/h	5,160	6,020
	Max.		kW	6.0	7.0
			Btu/h	20,500	23,890
			kcal/h	5,160	6,020
Power input	Cooling	Nom.	kW	1.410	1.640
	Heating	Nom.	kW	1.620	1.990
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A++	
		Pdesign	kW	5.00	5.70
		SEER		6.48	6.22
		Annual energy consumption	kWh	270	321
	Heating (Average climate)	Energy label		A++	
		Pdesign	kW	4.36	4.71
		SCOP/A		4.29	4.00
		Annual energy consumption	kWh	1,426	1,646
Piping connections	Liquid	OD	mm	6.35	
	Gas	OD	mm	12.70	
	Drain	OD	mm	VP25 (External dia.32 / internal dia. 25)	
	Heat insulation			Both liquid and gas pipes	
Current	Nominal running current (RLA) - 50Hz	Cooling	A	6.6 (1) / 6.3 (2) / 6.0 (3)	7.8 (1) / 7.4 (2) / 7.0 (3)
		Heating	A	7.6 (1) / 7.3 (2) / 6.9 (3)	9.3 (1) / 8.9 (2) / 8.5 (3)
Nominal efficiency	EER			3.55	3.48
	COP			3.7	3.52
	Annual energy consumption		kWh	705	820
	Energy label	Cooling		A	
		Heating		A	B

Notes

(1) 220V

(2) 230V

(3) 240V

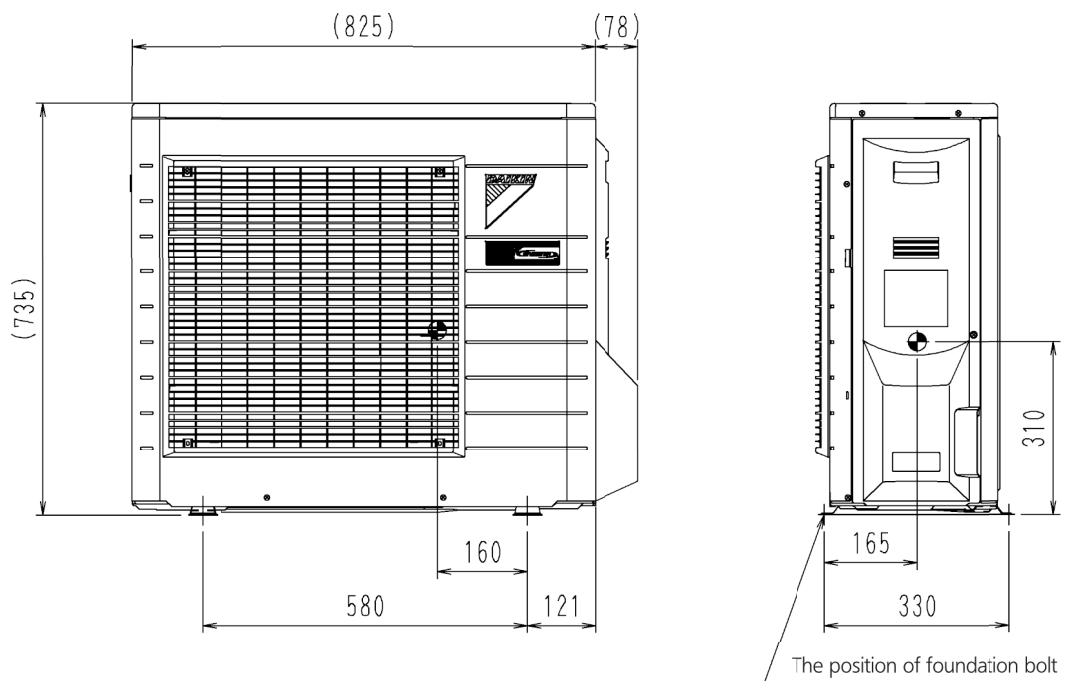
EER/COP according to Eurovent 2012, for use outside EU only

Nominal efficiency: cooling at 35°/27° nominal load, heating at 7°/20° nominal load

6 Centre of gravity

6 - 1 Centre of Gravity

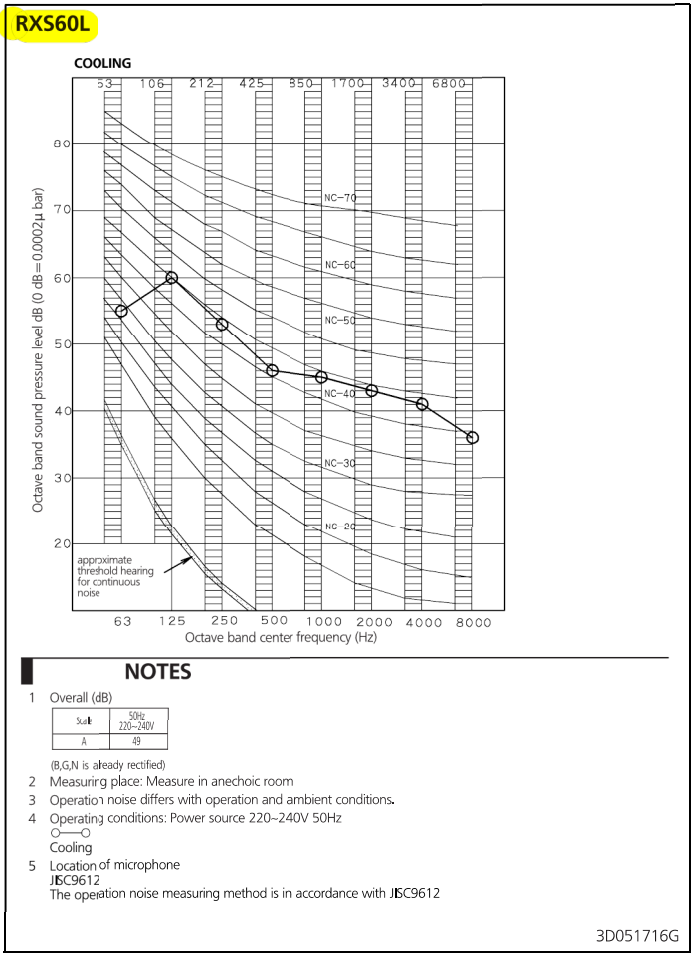
RXS50-60L



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9 Sound data

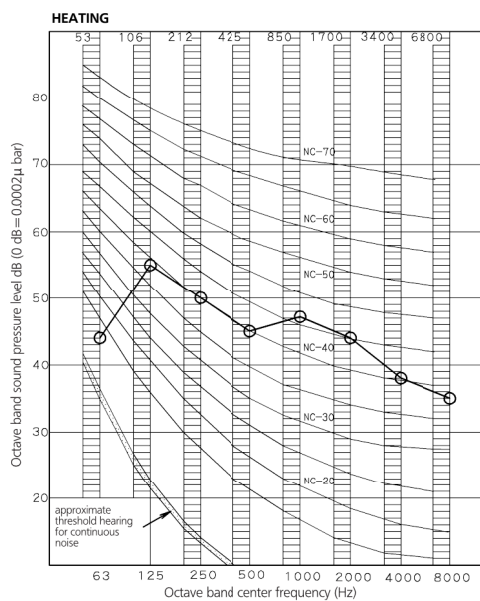
9 - 1 Sound Pressure Spectrum - Cooling



9 Sound data

9 - 2 Sound Pressure Spectrum - Heating

RXS60L



NOTES

1 Overall (dB)

3rd	50Hz
A	49

(BGN is already rectified)

2 Measuring place: Measure in anechoic room

3 Operation noise differs with operation and ambient conditions.

4 Operating conditions: Power source 220-240V 50Hz

○ Heating

5 Location of microphone

JEC9612

The operation noise measuring method is in accordance with JEC9612

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