



Air Conditioners

Technical Data

Outdoor unit - Optimized for seasonal efficiency



EEDEN12-100

RZQG-L7V1

1 Features

- Seasonal efficiency gives an indication on how efficient an air conditioner operates over an entire heating or cooling season.
- Seasonal efficiency, optimized for all seasons.
- Seasonal smart series already comply with EU's 2014 Eco-Design requirements
- Suits computer room applications (EDP)
- Re-use of existing R-22 or R-407C technology
- Extended operation range down to -20°C in heating
- Maximum piping length up to 75m, minimum piping length has no limitation
- Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall



2 Specifications

2-1 Nominal Capacity And Nominal Input				FCQHG71FVEB / RZQG71L7V1B	FCQHG100FVEB / RZQG100L7V1B	FCQHG125FVEB / RZQG125L7V1B	FCQHG140FVEB / RZQG140L7V1B
Cooling capacity	Nom.		kW	6.8 (3)	9.5 (3)	12.0 (3)	13.4 (3)
Heating capacity	Nom.		kW	7.5 (4)	10.8 (4)	13.5 (4)	15.5 (4)
Power input	Cooling	Nom.	kW	1.66	2.15	3.00	4.00
	Heating	Nom.	kW	1.56	2.16	3.07	3.77
EER				4.09	4.42	4.00	3.35
COP				4.80	4.99	4.40	4.12
SEER				6.11 (6)	6.21 (6)	6.00 (6)	-
SCOP				4.18 (6)	4.30 (6)	3.89 (6)	-
Annual energy consumption			kWh	830	1,075	1,500	2,000
Energy label	Cooling			A			
	Heating			A			

Notes

- (1) Energy label: scale from A (most efficient) to G (less efficient)
- (2) Annual energy consumption: based on average use of 500 running hours per year at full load (nominal conditions)
- (3) Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 5m; level difference: 0m
- (4) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m; level difference: 0m
- (5) Annual energy consumption is according to Energy labeling directive 2002/31/EC
- (6) SEER and SCOP are according to EN 14825

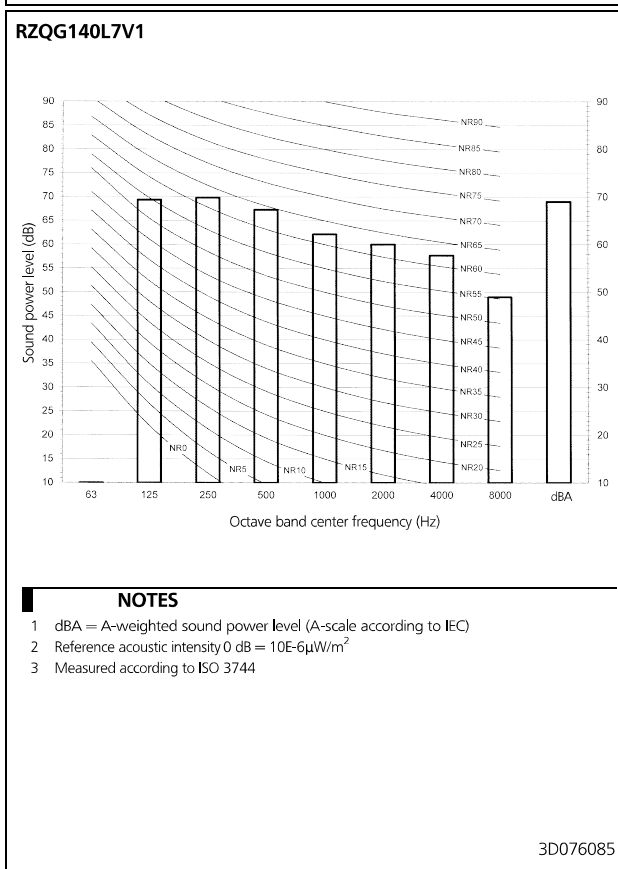
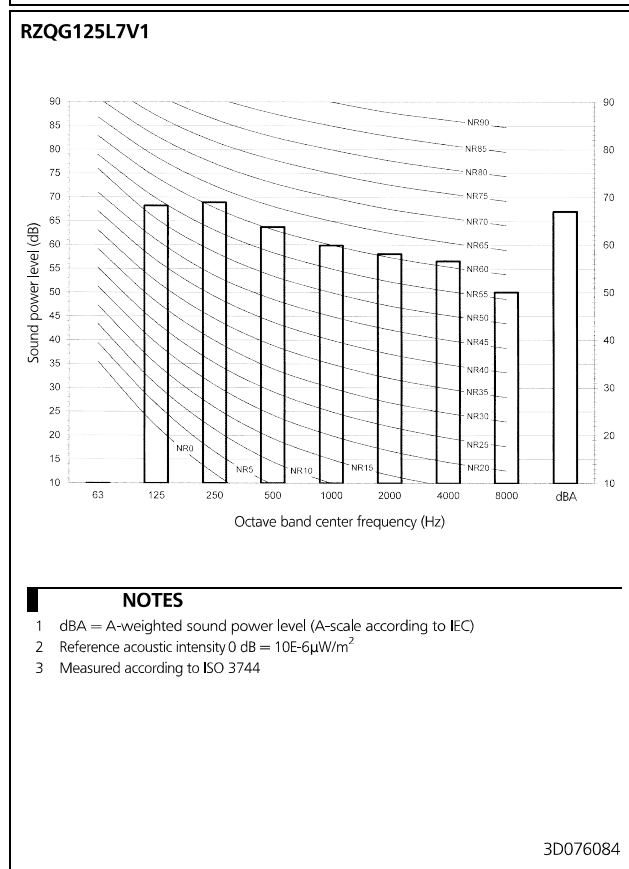
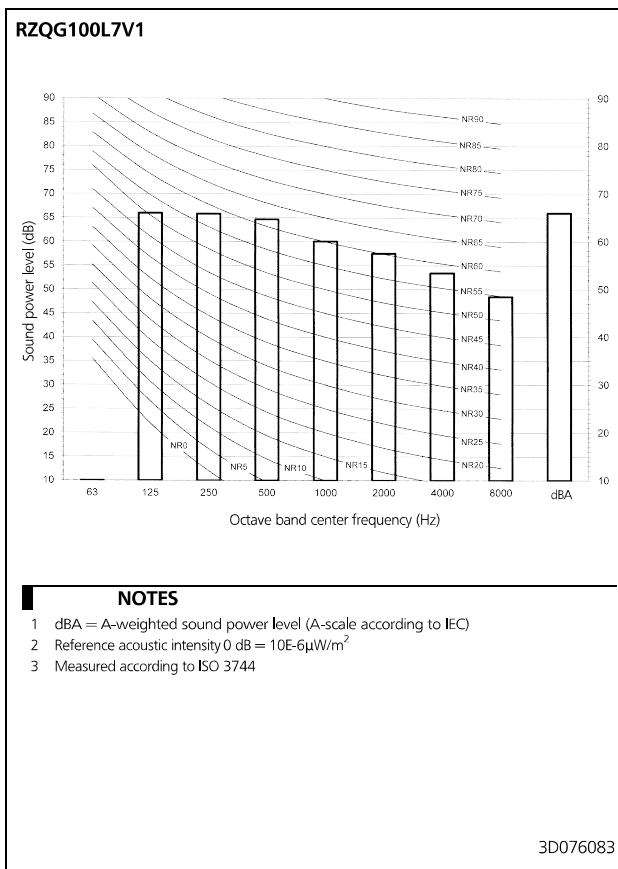
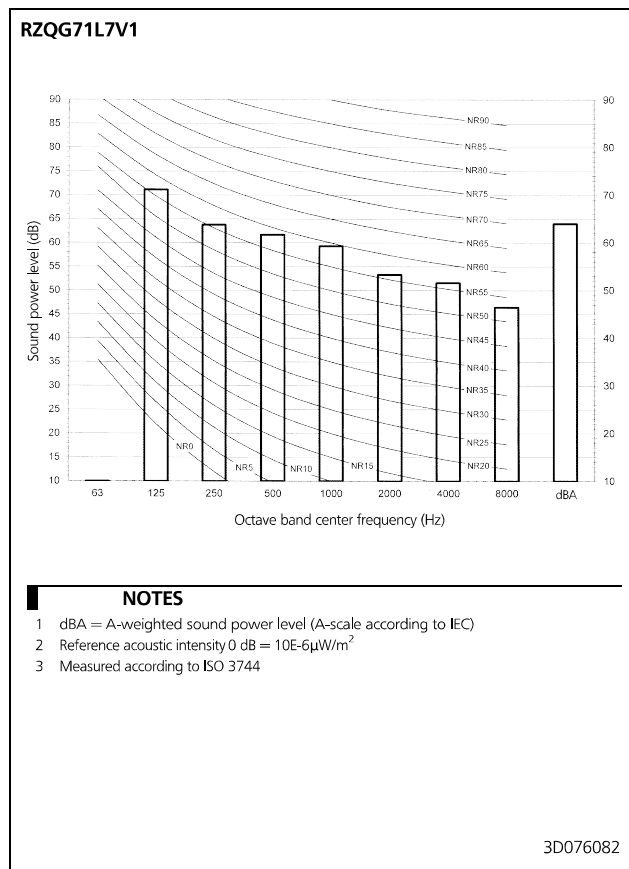
2-1 Nominal Capacity And Nominal Input				FCQG71FVEB / RZQG71L7V1B	FCQG100FVEB / RZQG100L7V1B	FCQG125FVEB / RZQG125L7V1B	FCQG140FVEB / RZQG140L7V1B
Cooling capacity	Nom.		kW	6.8 (3)	9.5 (3)	12.0 (3)	13.4 (3)
Heating capacity	Nom.		kW	7.5 (4)	10.8 (4)	13.5 (4)	15.5 (4)
Power input	Cooling	Nom.	kW	2.01	2.45	3.22	4.17
	Heating	Nom.	kW	1.89	2.60	3.72	4.30
EER				3.39	3.87	3.73	3.21
COP				3.97	4.15	3.63	3.61
SEER				5.81 (6)	5.99 (6)	5.69 (6)	-
SCOP				4.13 (6)	3.93 (6)	3.84 (6)	-
Annual energy consumption			kWh	1,005	1,225	1,610	2,085
Energy label	Cooling			A			
	Heating			A			

Notes

- (1) Energy label: scale from A (most efficient) to G (less efficient)
- (2) Annual energy consumption: based on average use of 500 running hours per year at full load (nominal conditions)
- (3) Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB, 24°CWB; equivalent piping length: 5m
- (4) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m
- (5) Annual energy consumption is according to Energy labeling directive 2002/31/EC
- (6) SEER and SCOP are according to EN 14825

11 Sound data

11 - 1 Sound Power Spectrum



11 Sound data

11 - 2 Sound Pressure Spectrum - Cooling

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