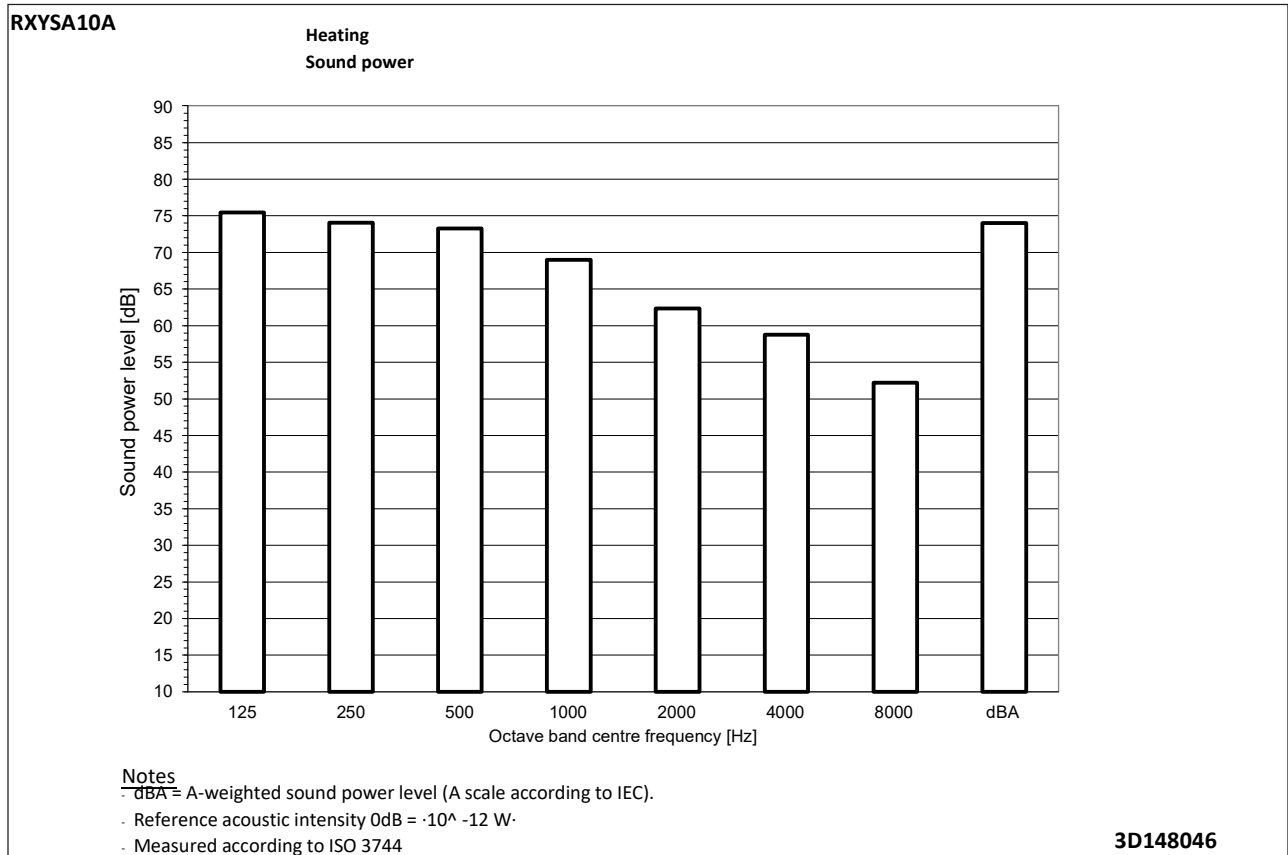
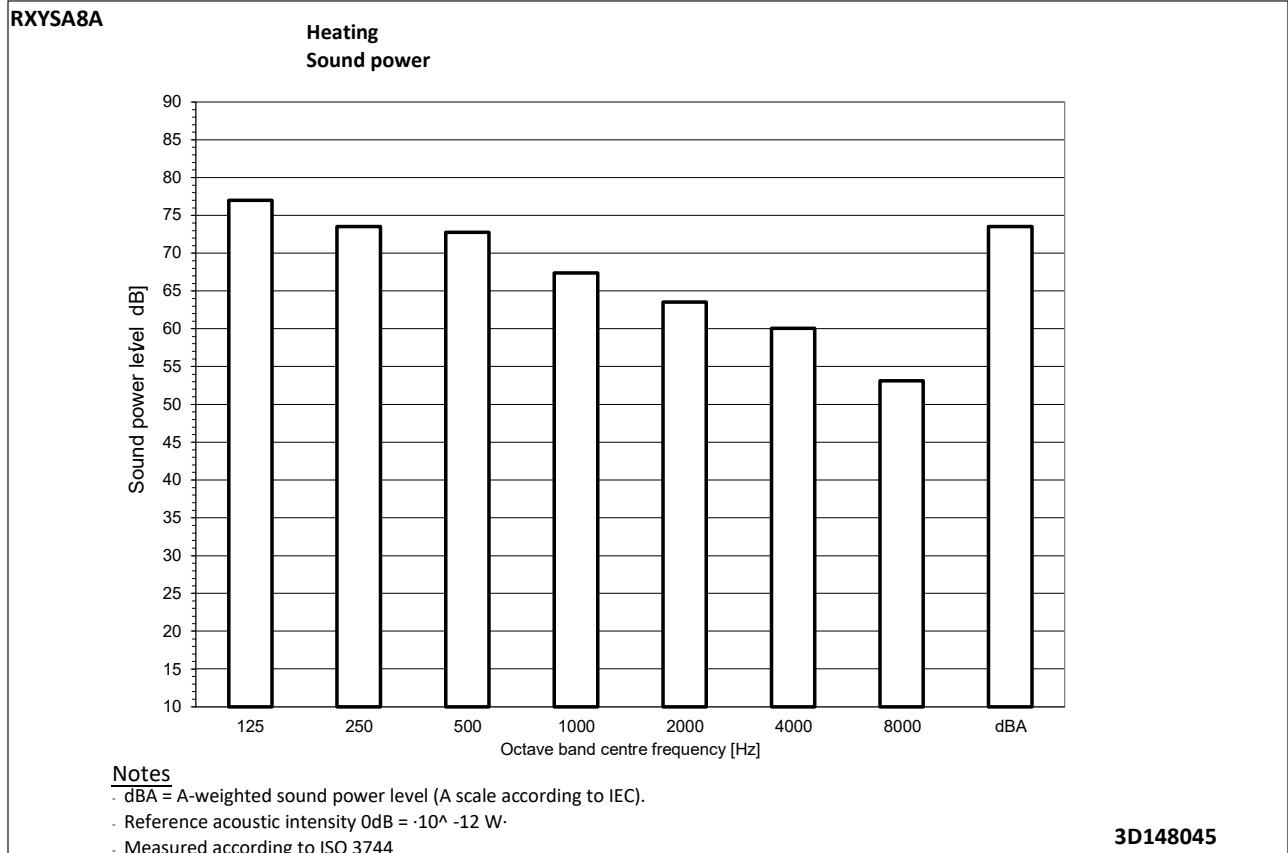


11 Sound data

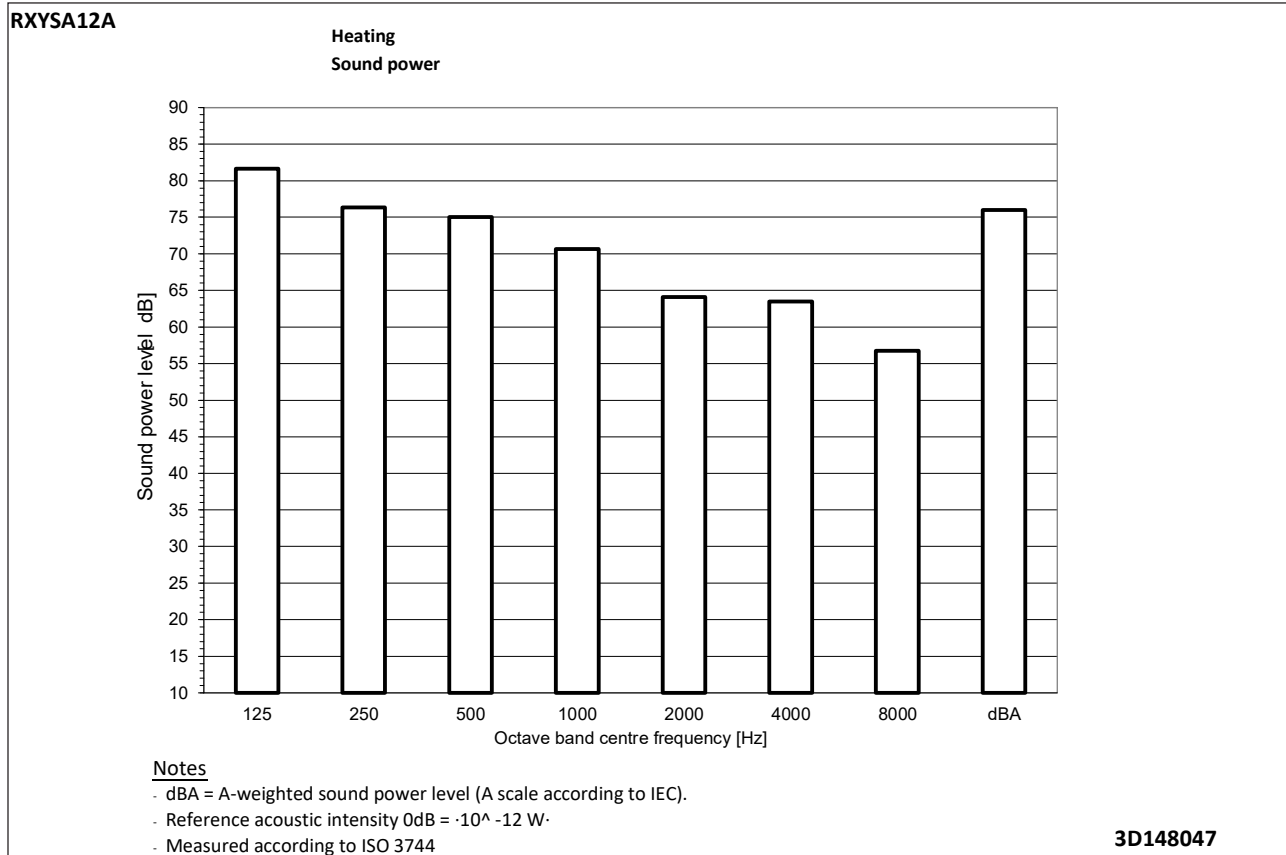
11 - 1 Sound Power Spectrum - Heating

11



11 Sound data

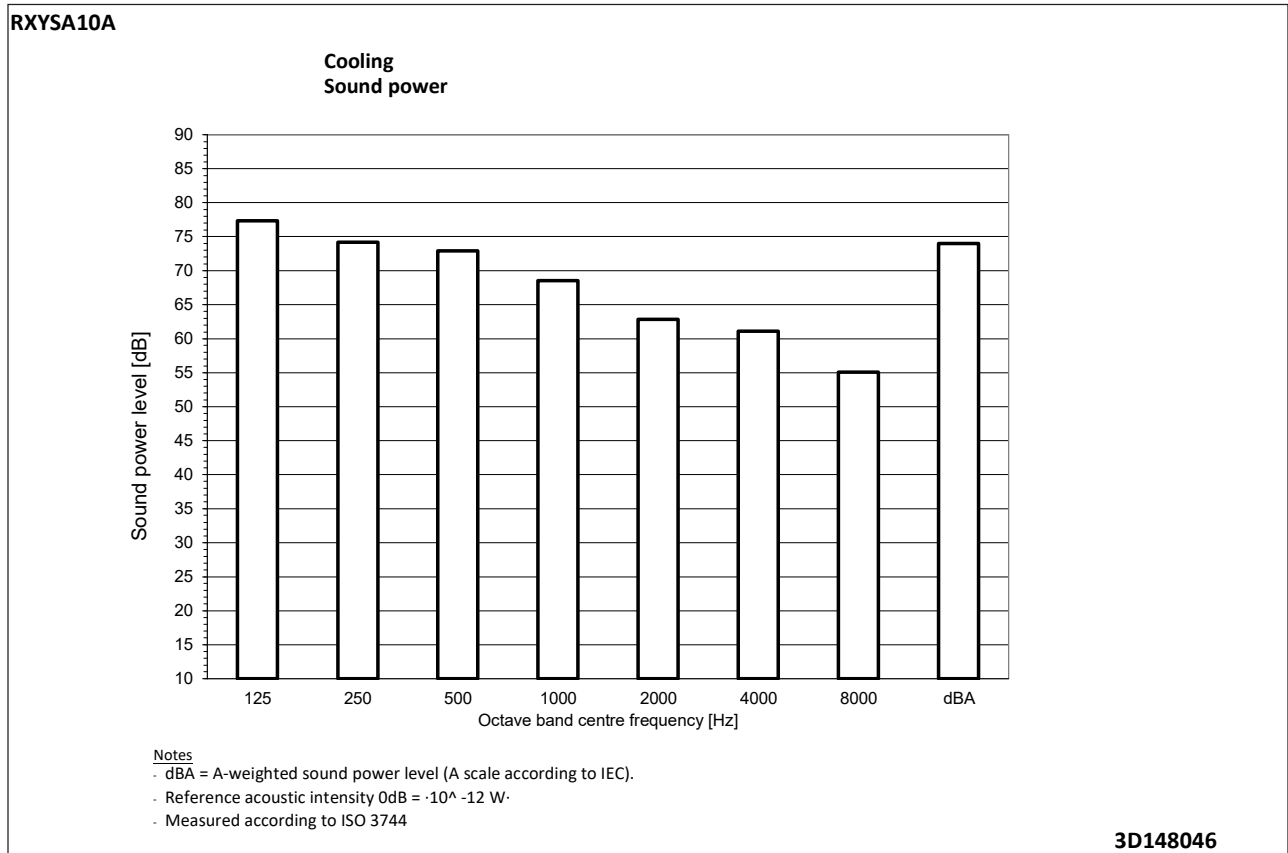
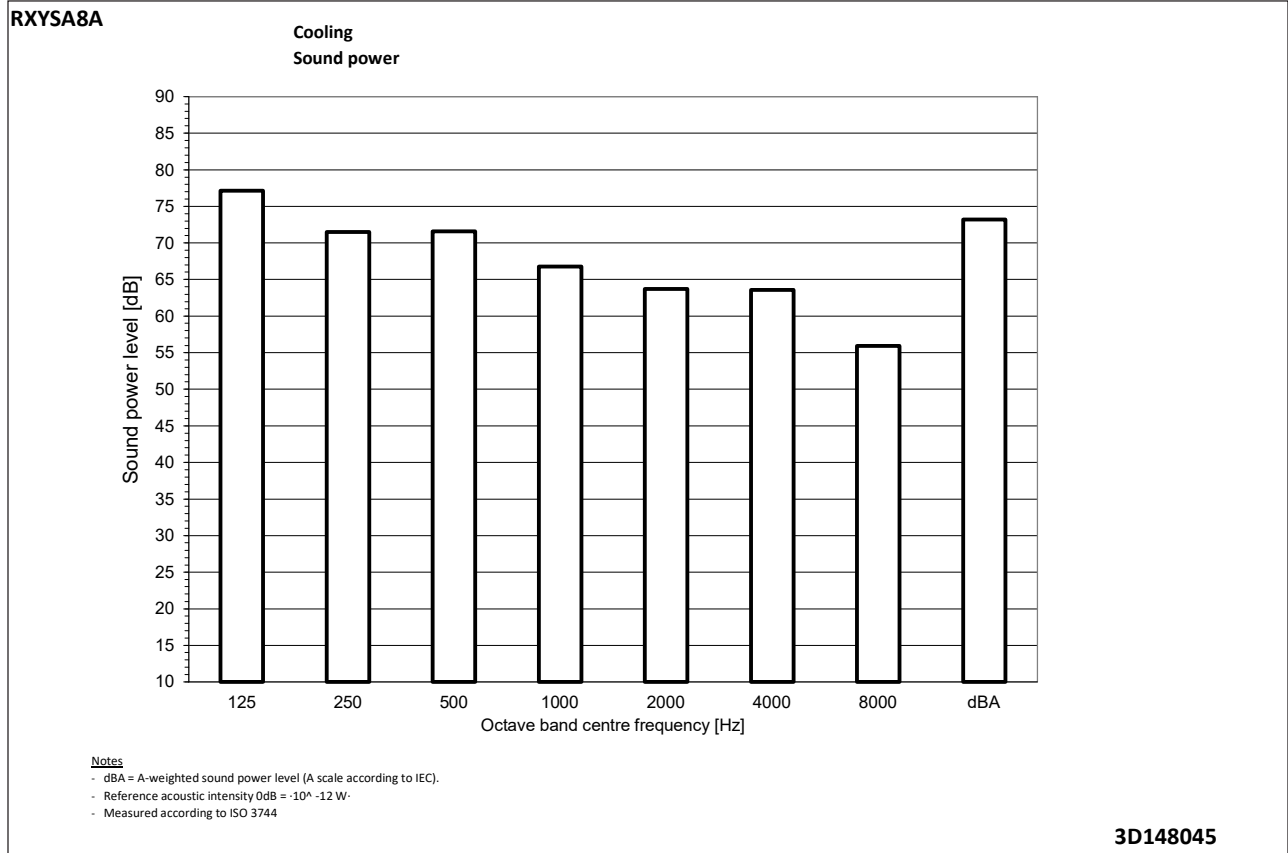
11 - 1 Sound Power Spectrum - Heating



11 Sound data

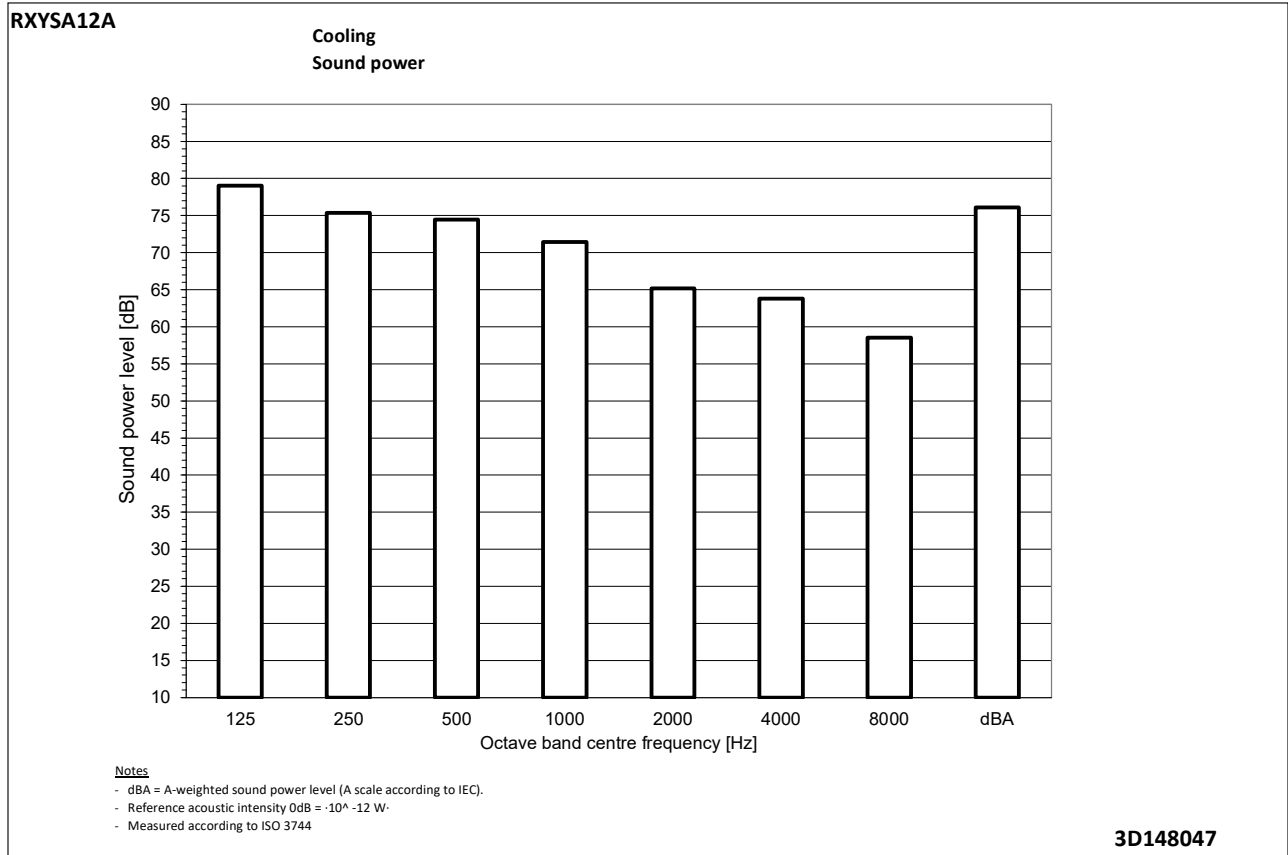
11 - 2 Sound Power Spectrum - Cooling

11



11 Sound data

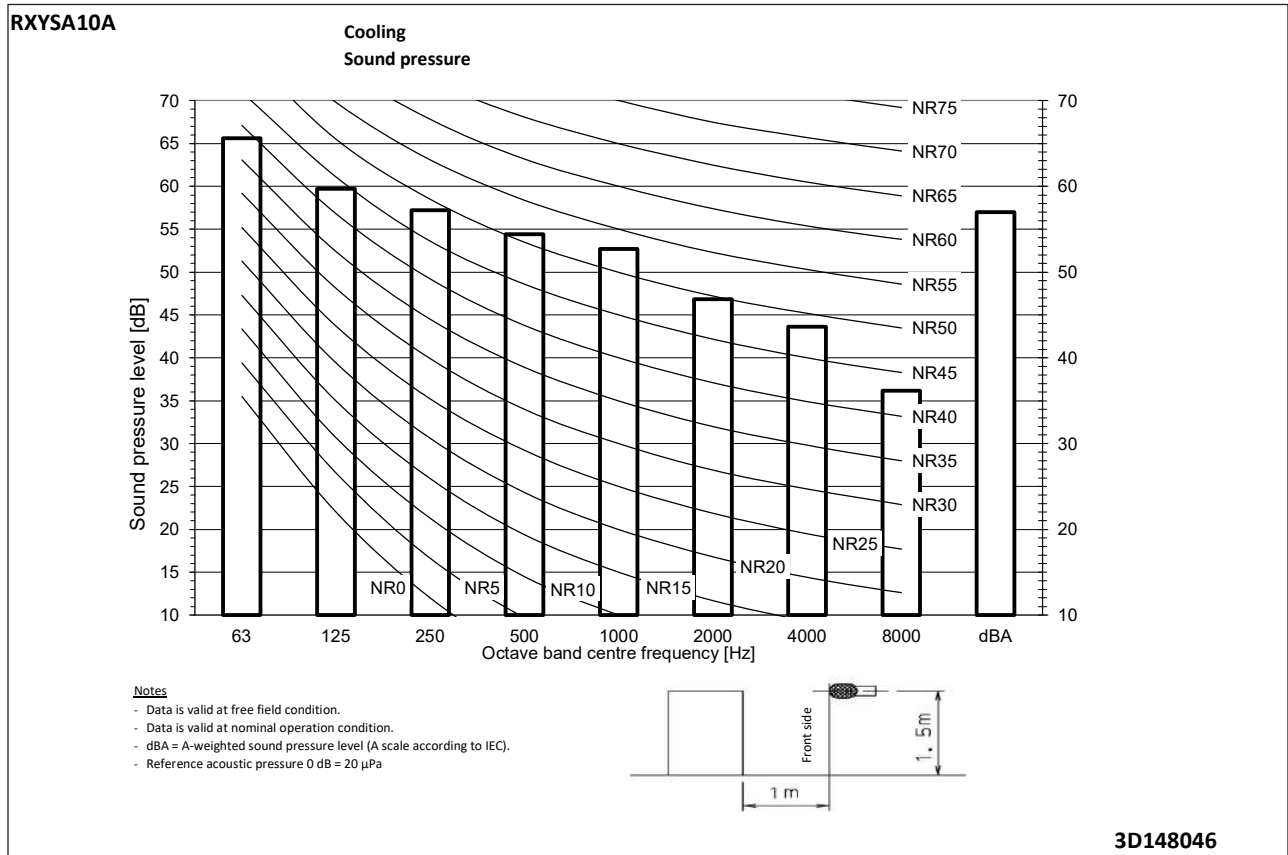
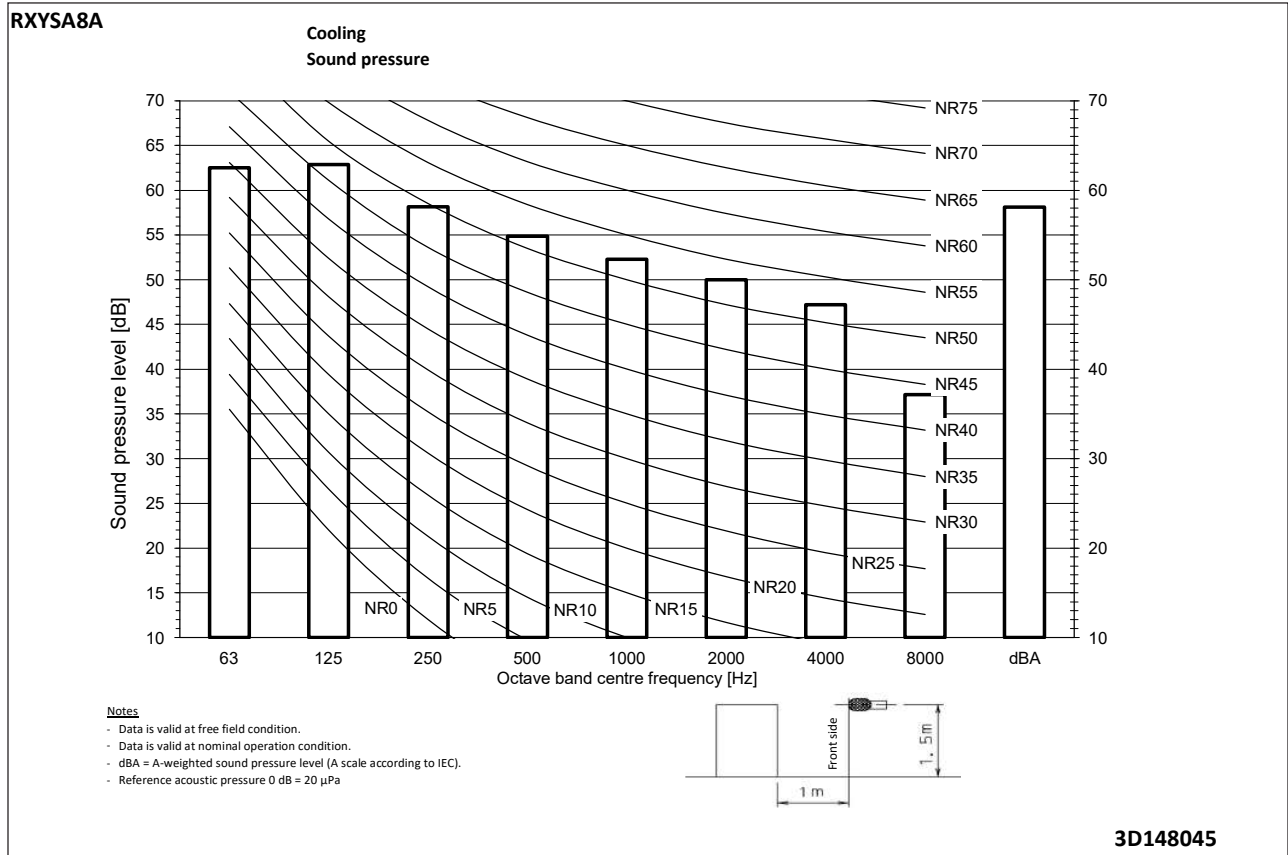
11 - 2 Sound Power Spectrum - Cooling



11 Sound data

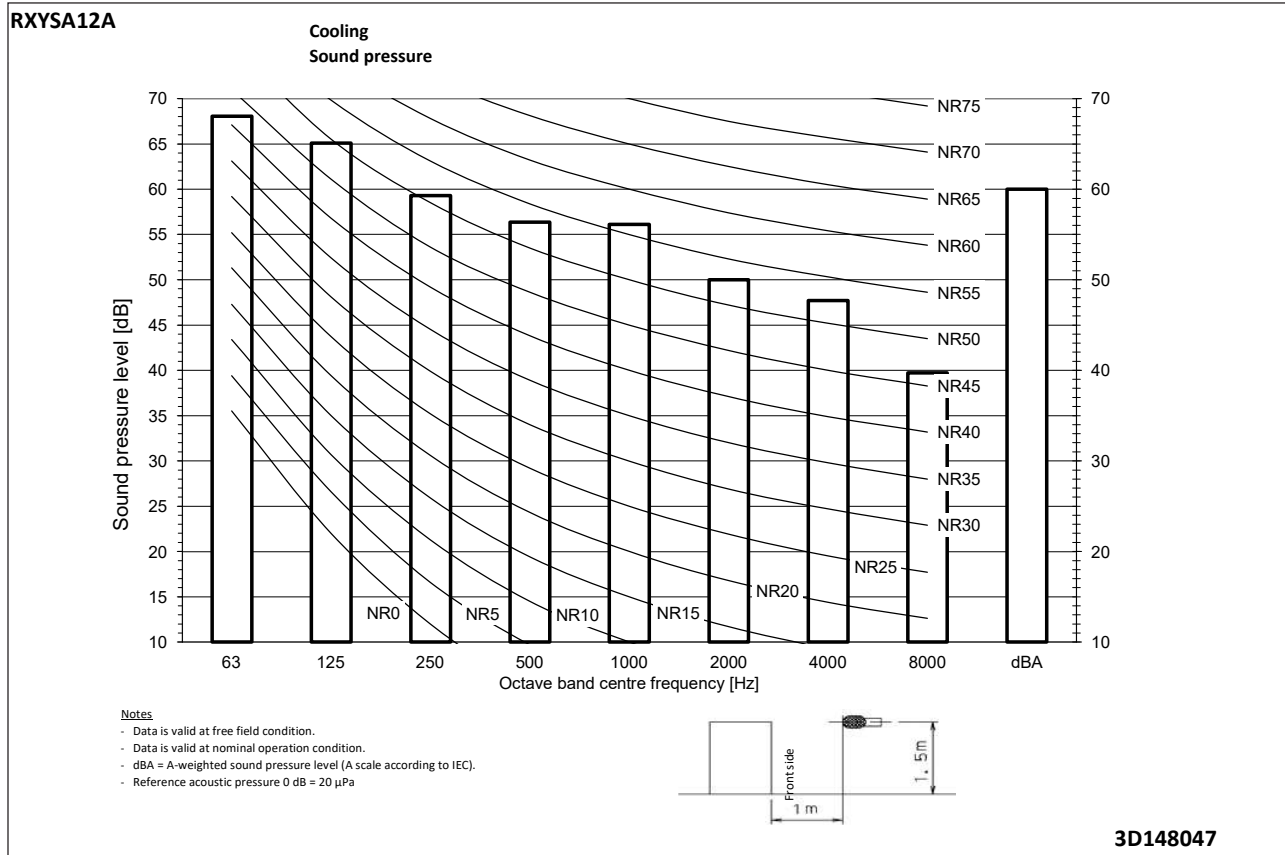
11 - 3 Sound Pressure Spectrum - Cooling

11



11 Sound data

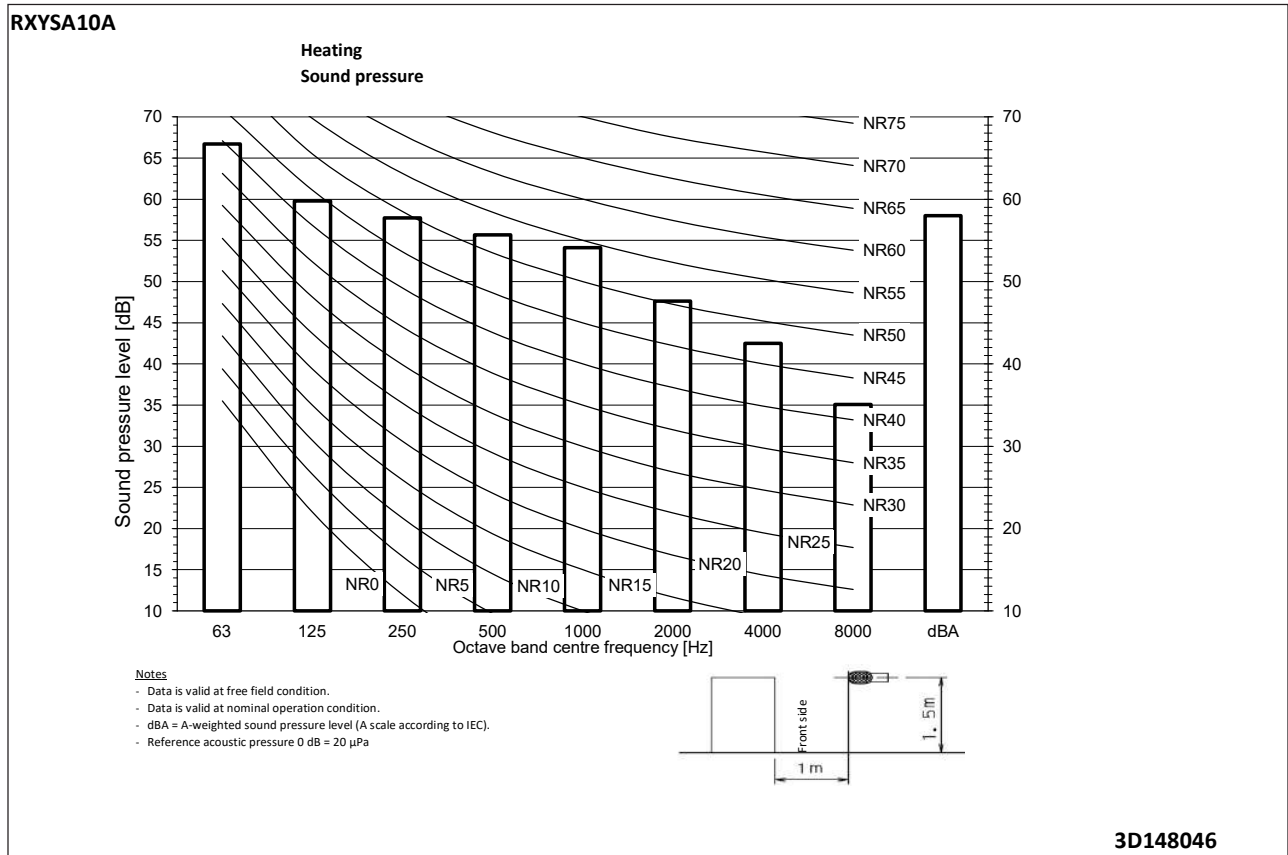
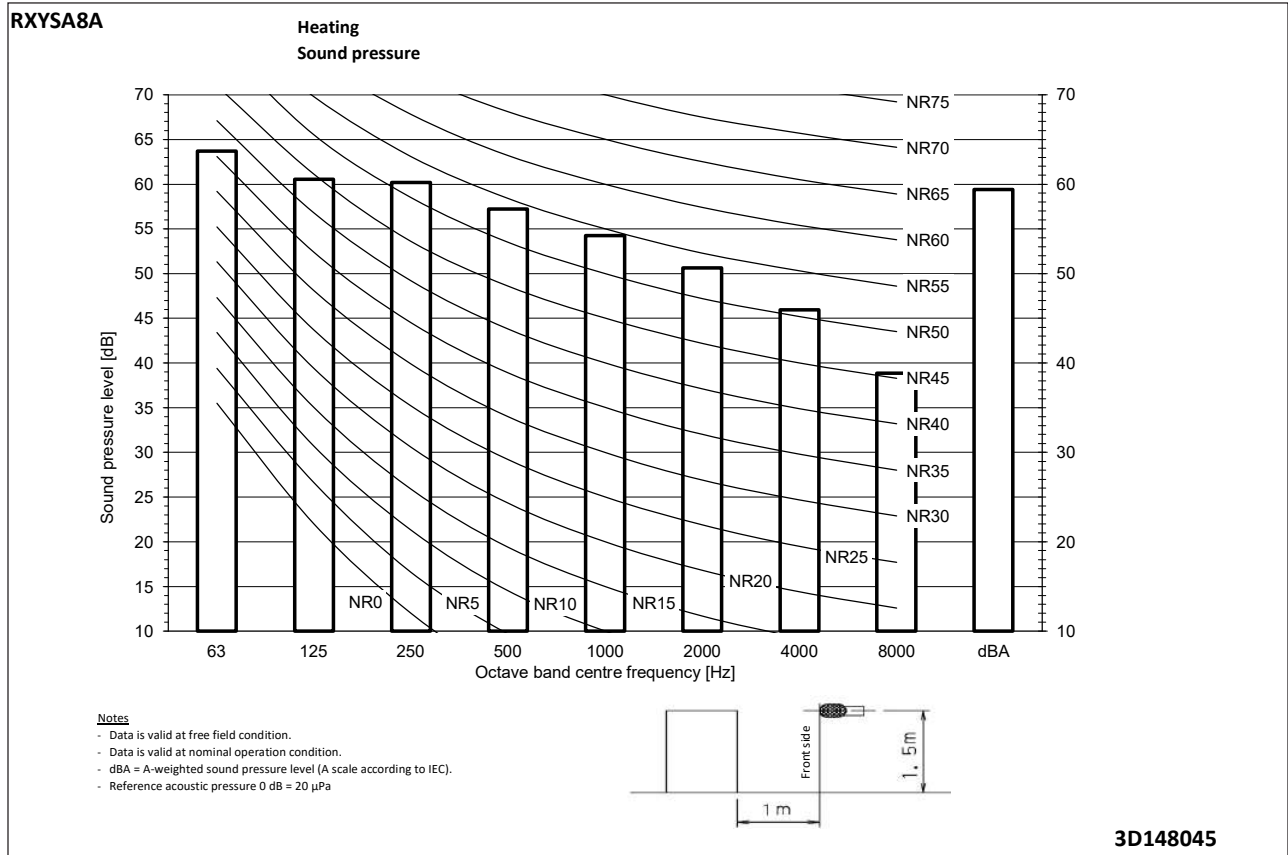
11 - 3 Sound Pressure Spectrum - Cooling



11 Sound data

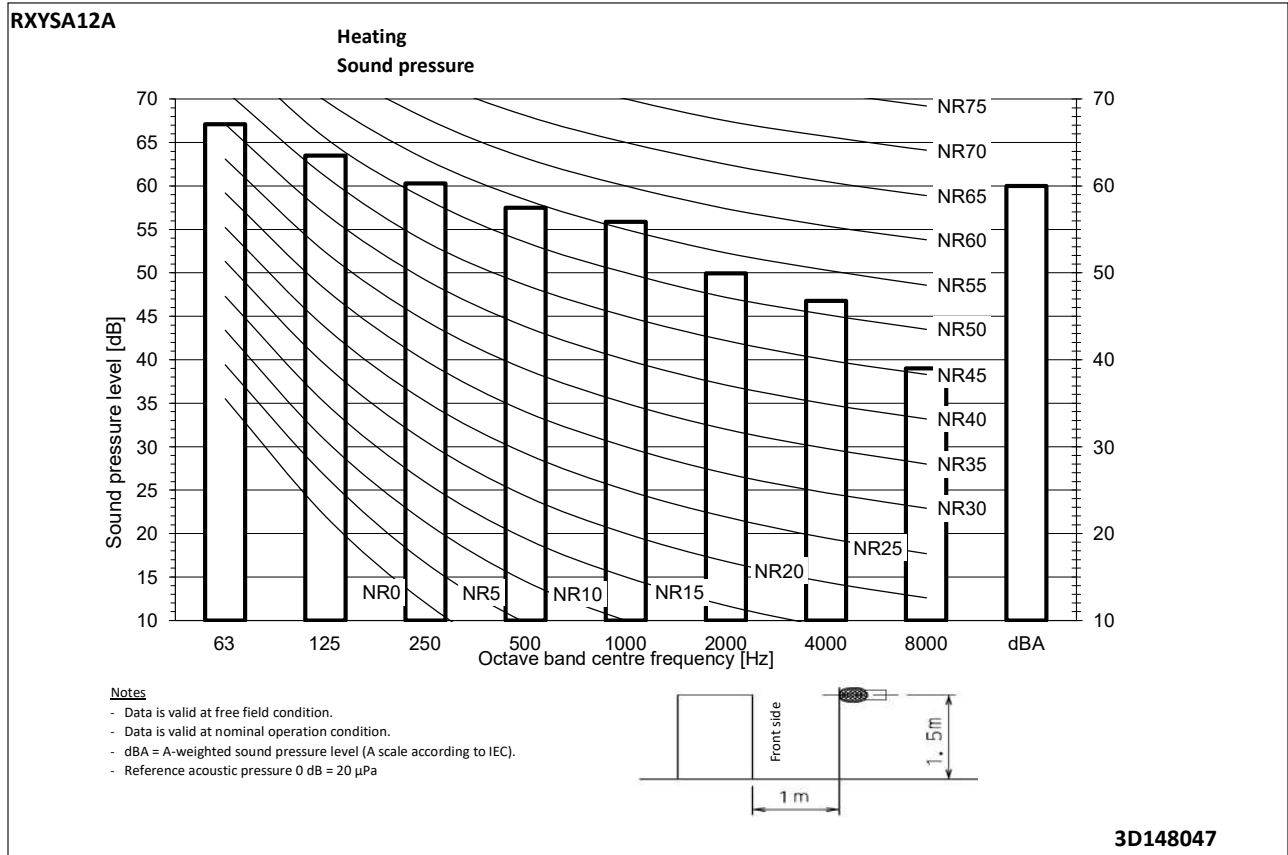
11 - 4 Sound Pressure Spectrum - Heating

11



11 Sound data

11 - 4 Sound Pressure Spectrum - Heating



11 Sound data

11 - 5 Sound Pressure Spectrum Quiet Mode

11

RXYSA8-12A

Mini VRV 5 - S Heat pump
Low noise data (level ·1-5·)

	Capacity ratio
LN1	90%
LN2	75%
LN3	60%
LN4	45%
LN5	30%

8HP	Cooling		Heating	
	Sound power [dBA]	Sound pressure [dBA]	Sound power [dBA]	Sound pressure [dBA]
LN1	70.8	56.1	70.7	56.6
LN2	66.0	51.0	66.0	51.5
LN3	62.0	46.0	62.0	46.5
LN4	58.0	41.0	58.0	42.0
LN5	54.0	37.0	54.0	38.0

10HP	Cooling		Heating	
	Sound power [dBA]	Sound pressure [dBA]	Sound power [dBA]	Sound pressure [dBA]
LN1	71.0	54.0	71.0	56.0
LN2	66.0	49.0	67.0	52.0
LN3	62.0	44.0	63.1	48.0
LN4	59.0	40.0	59.0	44.0
LN5	56.0	36.0	55.0	39.0

12HP	Cooling		Heating	
	Sound power [dBA]	Sound pressure [dBA]	Sound power [dBA]	Sound pressure [dBA]
LN1	74.1	57.6	74.0	58.0
LN2	70.0	53.0	71.0	55.0
LN3	65.5	48.0	68.0	52.0
LN4	61.5	43.0	64.0	48.0
LN5	57.5	39.0	59.0	43.0

- LN1: Low noise level ·1·
- LN2: Low noise level ·2·
- LN3: Low noise level ·3·
- LN4: Low noise level ·4·
- LN5: Low noise level ·5·

4D148044

11 Sound data

11 - 5 Sound Pressure Spectrum Quiet Mode

RXYSA8-12A

Notes

Sound power

dBA = A-weighted sound power level (A scale according to IEC).

Reference acoustic intensity 0dB = 10^{-12} W·

Measured according to ISO 3744

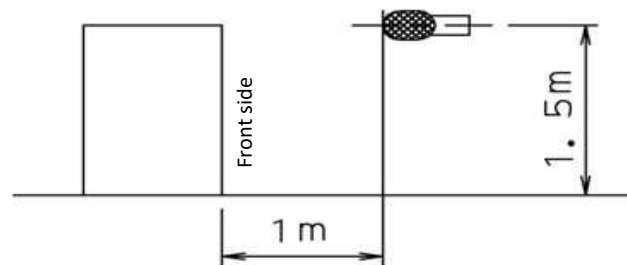
Sound pressure

Data is valid at free field condition.

Data is valid at nominal operation condition.

dBA = A-weighted sound pressure level (A scale according to IEC).

Reference acoustic pressure 0 dB = 20 μ Pa



4D148044

11 Sound data

11 - 6 Sound power spectrum at high ESP drawing

11

RXYSA-AY1

VRV5-S Heat pump
High ESP

4HP	Cooling	Heating
	Sound power [dBA]	Sound power [dBA]
ESP1	70	72
ESP2	75	77

5HP	Cooling	Heating
	Sound power [dBA]	Sound power [dBA]
ESP1	71	76
ESP2	75	77

6HP	Cooling	Heating
	Sound power [dBA]	Sound power [dBA]
ESP1	71	78
ESP2	75	78

8HP	Cooling	Heating
	Sound power [dBA]	Sound power [dBA]
ESP1	73,2	73,5

10HP	Cooling	Heating
	Sound power [dBA]	Sound power [dBA]
ESP1	76,1	76

12HP	Cooling	Heating
	Sound power [dBA]	Sound power [dBA]
ESP1	76,1	76

Sound power is measured on a freestanding unit.
Actual sound is depending on the installation of the duct.

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