

7. Sound Data

Summary

Premium Compact

Capacity		Model	Sound Pressure dB(A)		Sound Power dB(A)
HP	kW		Cooling	Heating	
8	22.4	AM080JXVHGR/EU	57	59	77
10	28.0	AM100JXVHGR/EU	58	60	79
12	33.6	AM120JXVHGR/EU	62	64	81
14	40.0	AM140JXVHGR/ET	61	63	81
16	45.0	AM160JXVHGR/ET	62	66	82
18	50.4	AM180JXVHGR/ET	63	67	85
20	56.0	AM200JXVHGR/ET	64	67	86
22	61.6	AM220JXVHGR/ET	65	67	88
24	67.2	AM240MXVGNR/ET	69	71	90
26	72.8	AM260MXVGNR/ET	69	71	90
28	78.6	AM280MXVGNR/ET	69	71	90
30	84.0	AM300MXVGNR/ET	69	71	90
32	89.6	AM320MXVGNR1ET	66	69	87
34	95.2	AM340MXVGNR1ET	67	69	89
36	101.6	AM360MXVGNR1ET	66	68	89
38	106.6	AM380MXVGNR1ET	67	70	89
40	112.0	AM400MXVGNR1ET	67	70	90
42	117.6	AM420MXVGNR1ET	68	70	90
44	124.0	AM440MXVGNR1ET	70	72	91
46	129.0	AM460MXVGNR1ET	70	72	91
48	134.4	AM480MXVGNR1ET	70	72	91
50	140.0	AM500MXVGNR1ET	70	72	91
52	145.6	AM520MXVGNR1ET	70	72	92
54	151.2	AM540MXVGNR1ET	72	74	93
56	156.8	AM560MXVGNR1ET	72	74	93
58	162.6	AM580MXVGNR1ET	72	74	93
60	168.0	AM600MXVGNR1ET	72	74	93
62	173.6	AM620MXVGNR1ET	71	73	92
64	179.2	AM640MXVGNR1ET	71	73	92
66	185.6	AM660MXVGNR1ET	71	73	92
68	190.6	AM680MXVGNR1ET	71	73	93
70	196.0	AM700MXVGNR1ET	71	74	93
72	201.6	AM720MXVGNR1ET	71	74	93
74	207.2	AM740MXVGNR1ET	72	74	94
76	212.8	AM760MXVGNR1ET	73	75	94
78	218.4	AM780MXVGNR1ET	73	75	94
80	224.2	AM800MXVGNR1ET	73	75	94
82	229.6	AM820MXVGNR1ET	73	75	94
84	235.2	AM840MXVGNR1ET	74	76	95
86	240.8	AM860MXVGNR1ET	74	76	95
88	246.6	AM880MXVGNR1ET	74	76	95
90	252.0	AM900MXVGNR1ET	74	76	95

Premium Energy Efficiency

Capacity		Model	Sound Pressure dB(A)		Sound Power dB(A)
HP	kW		Cooling	Heating	
8	22.4	AM080JXVHGR/EU	57	59	77
10	28.0	AM100JXVHGR/EU	58	60	79
12	33.6	AM120JXVHGR/EU	62	64	81
14	40.0	AM140JXVHGR/ET	61	63	81
16	45.0	AM160JXVHGR/ET	62	66	82
18	50.4	AM180JXVHGR/ET	63	67	85
20	56.0	AM200JXVHGR/ET	64	67	86
22	61.6	AM220MXVGNR2ET	63	65	83
24	67.2	AM240MXVGNR2ET	65	67	84
26	72.8	AM260MXVGNR2ET	64	68	86
28	78.4	AM280MXVGNR2ET	65	68	87
30	84.0	AM300MXVGNR2ET	66	69	86
32	90.4	AM320MXVGNR2ET	65	68	86
34	95.2	AM340MXVGNR2ET	65	68	86
36	100.8	AM360MXVGNR2ET	66	70	88
38	106.4	AM380MXVGNR2ET	67	70	89
40	112.8	AM400MXVGNR2ET	66	69	87
42	118.4	AM420MXVGNR2ET	66	69	88
44	123.2	AM440MXVGNR2ET	67	70	88
46	128.8	AM460MXVGNR2ET	67	70	89
48	134.4	AM480MXVGNR2ET	67	70	89
50	140.8	AM500MXVGNR2ET	67	71	89
52	145.6	AM520MXVGNR2ET	70	73	91
54	151.2	AM540MXVGNR2ET	70	73	92
56	156.8	AM560MXVGNR2ET	71	73	92
58	162.4	AM580MXVGNR2ET	72	74	93
60	168.0	AM600MXVGNR2ET	71	74	92
62	173.6	AM620MXVGNR2ET	68	72	90
64	179.2	AM640MXVGNR2ET	68	72	90
66	184.8	AM660MXVGNR2ET	69	72	90
68	191.2	AM680MXVGNR2ET	69	72	90
70	196.0	AM700MXVGNR2ET	71	74	92
72	201.6	AM720MXVGNR2ET	69	73	91
74	207.2	AM740MXVGNR2ET	69	73	91
76	212.8	AM760MXVGNR2ET	70	73	92
78	218.4	AM780MXVGNR2ET	70	73	92
80	224.0	AM800MXVGNR2ET	71	74	93
82	229.6	AM820MXVGNR2ET	72	74	93
84	235.2	AM840MXVGNR2ET	72	74	93
86	240.8	AM860MXVGNR2ET	72	74	94
88	246.4	AM880MXVGNR2ET	73	75	94
90	252.0	AM900MXVGNR2ET	73	75	94

NOTE

- Sound Pressure Level
 - Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A-weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20µPa
- Sound Power Level
 - Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level.
 - Reference power : 1pW.
 - Measured according to ISO 3741.

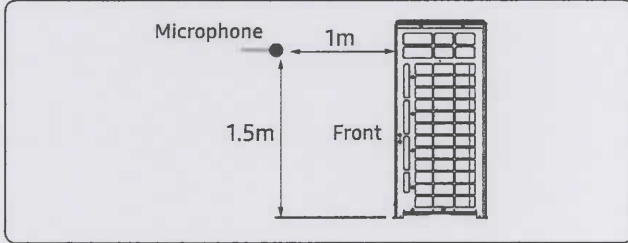
7. Sound Data

AM 140 (THIRD FLOOR 20-22 BEDFORD ROW)

Sound Pressure level

SHEET 2 OF 2

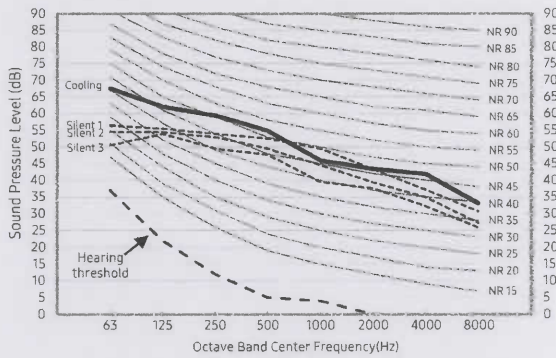
Unit: dB(A)



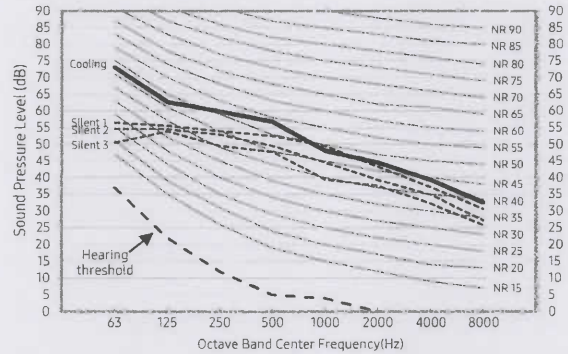
Model	Cooling	Silent 1	Silent 2	Silent 3
AM080JXVHGR/EU	57	54	52	49
AM100JXVHGR/EU	58	55	52	49
AM120JXVHGR/EU	62	55	52	49
AM140JXVHGR/ET	61	57	55	49

• NR Curve

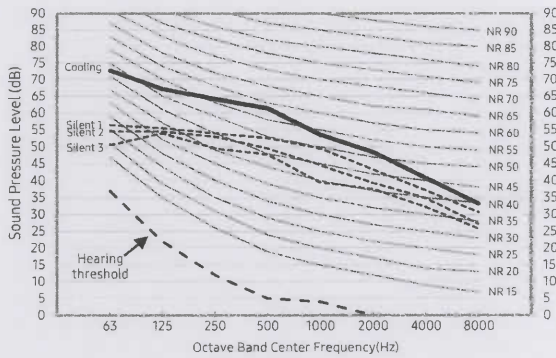
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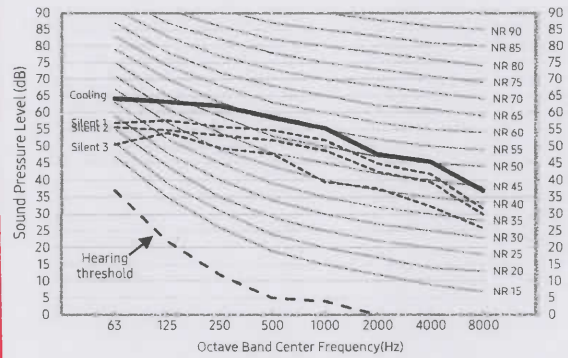
2) AM100JXVHGR/EU



3) AM120JXVHGR/EU



4) AM140JXVHGR/ET



NOTE

- Specifications may be subject to change without prior notice.
 - Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A-weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20μPa

