

Dear Richard , The octave-band acoustic data of the respective families covered by this communication are provided in advance of the publication of the manuals.

NOISE EMISSIONS ACCORDING TO EN 12102-1:2022

UNITS AT FULL LOAD

The sound levels refer to a unit operating at full load and under standard test conditions in cooling mode (outdoor air dry-bulb (wet-bulb) temperature = 35 °C (24 °C), water inlet–outlet temperature = 12–7 °C).

The tolerance on the total sound power level value is ± 2 dB(A).

The value is determined in accordance with standard EN 12102-1:2022, used in conjunction with UNI EN ISO 9614-1:2009, which describes the test methods and measurement techniques for sound power using the sound intensity method.

Sound pressure values are calculated from the sound power level using UNI EN ISO 3744:2010, considering units operating in free-field conditions.

i-290	63 Hz	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	Potenza sonora dB(A)	Pressione a 1m dB(A)	Pressione a 10m dB(A)
0106 SL	42,1	47,0	51,5	59,1	59,7	55,0	53,7	64,0	49,4	32,7
0109 SL	42,4	46,9	51,6	59,4	59,6	54,7	53,7	64,0	49,4	32,7
0112 SL	45,2	53,0	58,1	62,8	65,0	61,3	58,1	69,0	53,5	37,6
0115 SL	46,3	50,1	56,5	63,8	65,2	63,2	62,0	70,0	54,5	38,6
0118 SL	46,6	50,8	57,1	64,9	66,4	63,9	62,9	71,0	55,5	39,6
0121 SSL	54,7	63,8	64,7	63,5	60,9	58,4	53,4	70,0	54,1	38,5
0123 SSL	55,8	64,6	65,6	64,8	62,3	58,5	54,5	71,0	55,1	39,5
0125 SSL	55,3	60,4	63,1	67,1	68,4	64,2	62,6	73,0	57,1	41,5
0127 SSL	56,6	61,1	64,2	68,0	69,5	65,6	62,9	74,0	58,1	42,5
0240	58,7	62,6	71,0	74,1	77,0	77,0	72,4	82,0	64,0	50,0
0250	59,8	64,0	72,0	74,8	78,2	77,9	73,6	83,0	65,0	51,0
0240 SL	58,0	61,8	70,1	73,1	76,0	76,0	71,5	81,0	63,0	49,0
0250SL	59,0	63,2	71,1	73,9	77,2	76,9	72,7	82,0	64,0	50,0
0240 EXSL	56,7	60,6	69,0	72,1	75,0	75,0	70,4	80,0	62,0	48,0
0250 EXSL	57,8	62,0	70,0	72,8	76,2	75,9	71,6	81,0	63,0	49,0
0240 SSL	56,4	60,1	68,2	71,1	74,0	73,9	69,5	79,0	61,8	47,3
0250 SSL	57,4	61,5	69,2	71,9	75,1	74,8	70,7	80,0	62,0	48,0
0240 EXSSL	66,5	65,2	66,5	72,0	71,4	72,7	63,8	78,0	60,8	46,3
0250 EXSSL	68,3	66,0	67,8	73,7	72,7	72,3	65,6	79,0	61,8	47,3

ADVANTIX SPA

Via San Giuseppe Lavoratore, 24 - 37040 Arcole (VR) - T +39 045 7636585 - P.IVA 01209000239
 Iscritta presso il Tribunale di Verona ai n° 12621/17484 - Capitale Sociale € 3.100.000 i.v
 info@advantixspa.it - www.maxa.it

UNITS AT PARTIAL LOAD

The sound levels refer to a unit operating under conditions that ensure a thermal capacity equal to that declared at a temperature of 7 °C for a temperate climate, in accordance with UNI EN 14825:2022.

The tolerance on the total sound power level value is ± 2 dB(A).

The value is determined in accordance with standard EN 12102-1:2022, used in conjunction with UNI EN ISO 9614-1:2009, which describes the test methods and measurement techniques for sound power using the sound intensity method.

Sound pressure values are calculated from the sound power level using UNI EN ISO 3744:2010, considering units operating in free-field conditions.

i-290	63 Hz	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	Potenza sonora dB(A)	Pressione a 1m dB(A)	Pressione a 10m dB(A)
0106 SL	30,7	37,3	44,0	52,0	49,7	44,0	39,8	55,0	40,4	23,7
0109 SL	31,0	37,6	44,5	52,0	49,4	44,3	40,1	55,0	40,4	23,7
0112 SL	39,3	40,8	45,1	52,6	50,5	48,6	49,1	57,0	41,5	25,6
0115 SL	26,2	39,1	43,3	53,4	51,5	48,9	45,1	57,0	41,5	25,6
0118 SL	26,8	39,1	43,5	53,7	51,3	48,6	44,8	57,0	41,5	25,6
0121 SSL	39,6	46,2	48,4	54,0	49,4	45,8	38,7	57,0	41,1	25,5
0123 SSL	40,2	46,2	48,0	54,1	49,1	46,4	37,5	57,0	41,1	25,5
0125 SSL	33,9	42,7	49,7	55,1	50,4	48,7	39,9	58,0	42,1	26,5
0127 SSL	34,7	41,8	50,3	54,8	50,7	48,6	40,3	58,0	42,1	26,5
0240	50,2	52,4	60,1	71,2	66,1	67,6	59,9	74,0	56,0	42,0
0250	50,6	53,6	61,1	72,2	67,1	68,5	61,0	75,0	57,0	43,0
0240 SL	50,2	52,4	60,1	71,2	66,1	67,6	59,9	74,0	56,0	42,0
0250 SL	50,6	53,6	61,1	72,2	67,1	68,5	61,0	75,0	57,0	43,0
0240 EXSL *	50,2	52,4	60,1	71,2	66,1	67,6	59,9	74,0	56,0	42,0
0250 EXSL *	50,6	53,6	61,1	72,2	67,1	68,5	61,0	75,0	57,0	43,0
0240 SSL	40,2	48,8	61,1	71,6	62,4	62,9	57,3	73,0	55,8	41,3
0250 SSL	41,2	50,6	62,7	72,5	63,1	64,6	57,7	74,0	56,8	42,3
0240 EXSSL **	40,2	48,8	61,1	71,6	62,4	62,9	57,3	73,0	55,8	41,3
0250 EXSSL **	41,2	50,6	62,7	72,5	63,1	64,6	57,7	74,0	56,8	42,3

*No perceptible variation at partial load compared to the SL version

** No perceptible variation at partial load compared to the SSL version

ADVANTIX SPA

ADVANTIX SPA

Via San Giuseppe Lavoratore, 24 - 37040 Arcole (VR) - T +39 045 7636585 - P.IVA 01209000239
 Iscritta presso il Tribunale di Verona ai n° 12621/17484 - Capitale Sociale € 3.100.000 i.v
 info@advantixspa.it - www.maxa.it