

MB-30 3/4" Wide Slot Supply

Neck Velocity, m/s	1.5	2.0	2.5	3.0	3.6	4.1	4.6	5.1	5.6
Velocity Pressure, Pa	1	2	4	6	8	10	13	16	19

1 Slot	SIZE 8	Air Flow , l/s	49	66	82	99	115	132	148	165	181
		Total Pressure, Pa	12	21	33	47	64	83	106	130	158
		NC (Noise Criteria)	19	25	30	34	37	40	43	45	47
		Throw, m	1.3 - 1.8 - 3.8	1.5 - 2.5 - 5	2.3 - 3 - 6	2.5 - 3.8 - 7.3	2.8 - 4.3 - 8.5	3.3 - 5 - 9.8	3.8 - 5.5 - 10.8	4 - 6 - 11.3	4.5 - 6.8 - 12

1 Slot	SIZE 10	Air Flow , l/s	77	103	129	154	180	206	232	257	283
		Total Pressure, Pa	27	47	74	106	145	189	239	296	358
		NC (Noise Criteria)	27	33	38	42	45	48	50	53	55
		Throw, m	1.8 - 2.8 - 5.8	2.5 - 4 - 7.5	3 - 5 - 9.5	4 - 5.8 - 11	4.5 - 6.8 - 12	5.3 - 7.5 - 12.5	5.8 - 8.5 - 13.5	6.5 - 9.5 - 14	7 - 10.3 - 14.8

2 Slot	SIZE 8	Air Flow , l/s	49	66	82	99	115	132	148	165	181
		Total Pressure, Pa	4	8	12	18	24	31	40	49	59
		NC (Noise Criteria)	-	14	19	23	27	29	32	34	36
		Throw, m	0.5 - 1.3 - 2.8	1 - 1.8 - 3.8	1.5 - 2.3 - 4.5	1.8 - 2.8 - 5.5	2.3 - 3 - 6.5	2.5 - 3.8 - 7.3	2.8 - 4 - 8	3 - 4.5 - 8.8	3.3 - 5 - 9.8

2 Slot	SIZE 10	Air Flow , l/s	77	103	129	154	180	206	232	257	283
		Total Pressure, Pa	9	16	24	35	48	62	79	97	118
		NC (Noise Criteria)	16	22	27	31	34	37	40	42	44
		Throw, m	1.3 - 2.3 - 4.3	1.8 - 2.8 - 5.5	2.5 - 3.3 - 7	2.8 - 4.3 - 8.5	3.3 - 5 - 9.8	3.8 - 5.5 - 11.3	4.3 - 6.5 - 12.5	4.5 - 7 - 14	5.3 - 7.5 - 14.8

3 Slot	SIZE 10	Air Flow , l/s	77	103	129	154	180	206	232	257	283
		Total Pressure, Pa	4	8	12	18	24	32	40	49	60
		NC (Noise Criteria)	17	23	28	32	35	38	40	43	45
		Throw, m	1 - 1.8 - 3.8	1.5 - 2.5 - 5	2.3 - 3 - 6	2.5 - 3.8 - 7	2.8 - 4.3 - 8.3	3 - 5 - 9.5	3.8 - 5.5 - 10.8	4 - 6 - 12	4.3 - 6.5 - 13

3 Slot	SIZE 12	Air Flow , l/s	111	148	185	222	259	297	334	371	408
		Total Pressure, Pa	8	14	21	31	42	55	69	86	104
		NC (Noise Criteria)	23	29	34	38	41	44	47	49	51
		Throw, m	1.5 - 2.5 - 5.3	2.3 - 3.3 - 6.8	2.8 - 4.3 - 8.5	3.3 - 5.3 - 10.3	4 - 6 - 12	4.5 - 6.8 - 13.8	5.3 - 7.5 - 15.5	5.8 - 8.5 - 16.8	6.5 - 9.5 - 17.8

4 Slot	SIZE 8	Air Flow , l/s	49	66	82	99	115	132	148	165	181
		Total Pressure, Pa	2	4	6	9	12	16	20	25	30
		NC (Noise Criteria)	-	12	17	21	24	27	29	32	34
		Throw, m	0.3 - 0.5 - 2.3	0.3 - 1 - 2.8	0.5 - 1.5 - 3.3	1 - 2.3 - 4.3	1.3 - 2.5 - 5	1.8 - 2.8 - 5.5	2.3 - 3 - 6	2.5 - 3.3 - 7	2.5 - 3.8 - 7.5

4 Slot	SIZE 10	Air Flow , l/s	77	103	129	154	180	206	232	257	283
		Total Pressure, Pa	3	6	10	14	19	25	31	38	46
		NC (Noise Criteria)	13	20	24	28	32	35	37	39	41
		Throw, m	0.5 - 1.3 - 3.3	1 - 2.3 - 4.3	1.5 - 2.8 - 5.5	2.3 - 3.3 - 6.5	2.5 - 3.8 - 7.5	2.8 - 4.3 - 8.5	3.3 - 5 - 9.8	3.8 - 5.5 - 10.8	4 - 5.8 - 12

4 Slot	SIZE 12	Air Flow , l/s	111	148	185	222	259	297	334	371	408
		Total Pressure, Pa	6	10	16	23	31	40	51	63	76
		NC (Noise Criteria)	20	26	31	35	38	41	43	46	48
		Throw, m	1.3 - 2.5 - 4.5	2.3 - 3 - 6	2.5 - 4 - 7.5	3 - 4.5 - 9.5	3.8 - 5.5 - 11	4.3 - 6 - 12.5	4.5 - 7 - 14	5.3 - 7.5 - 15.5	5.8 - 8.5 - 17

4 Slot	SIZE 14	Air Flow , l/s	151	202	252	303	353	404	454	505	555
		Total Pressure, Pa	9	16	26	37	50	66	83	103	125
		NC (Noise Criteria)	25	31	36	40	43	46	49	51	53
		Throw, m	2.3 - 3 - 6.5	2.8 - 4.3 - 8.5	3.8 - 5.3 - 10.8	4.3 - 6.5 - 12.8	5 - 7.3 - 15	5.5 - 8.5 - 16.8	6.5 - 9.5 - 18.5	7 - 10.8 - 19.8	7.5 - 11.5 - 20.8

- * Data were obtained from test conducted in accordance with ANSI / ASHRAE Standard 70-1991.
- * Throw values are given for terminal velocities of .8, .5, and .3 mps.
- * Throw Values are given for Isothermal Conditions
- * N.C. values are based on Octave Band 2 - 7 sound power levels minus a room absorption of 10dB.
- * Each NC value represents the noise criteria curve which will not be exceeded by the sound pressure in any of the octave bands, 2nd through 7th, with a room absorption of 10dB, re 10⁻¹² Watts.
- * Dash (-) in space denotes an N.C. value of less than 10.
- * All pressures are given in pascals

Note: All dimensions are nominal • product will be built to the closest inch equivalent dimension unless specially ordered to true metric

• contact factory for availability of sizes •



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