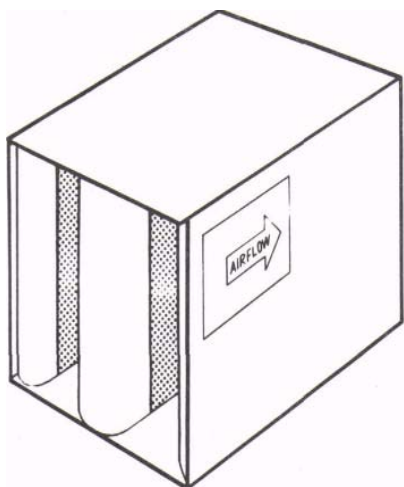


## Spec Data Sheet

## Acoustical Silencers Non - Erosive Series



### MODEL LP - MD RECTANGULAR NOMENCLATURE EXAMPLE

WIDTH	HEIGHT	LENGTH	MODEL
24	24	36	LP - MD

IES - 2000's "MD" style sound attenuators are designed and engineered to eliminate acoustical fill entrainment by the air stream and reduce to a minimum the absorption of gases and particles by the acoustical fill. Reliability and performance are guaranteed since the basic configuration and materials are utilized. This non-erosive, non-pregnable, cleanable silencer is excellent for hospital and clean room systems. Optional removable parts also permit cleaning of concealed surfaces and replacement of acoustic fill. Standard construction is galvanized steel, mylar sheeting, acoustical fill, and special dampening layer. Also available in stainless steel.

MODEL NO.	OCTAVE BANDS	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	CENTER FREQUENCY (Hz)	63	125	250	500	1000	2000	4000	8000
	FACE VELOCITY FPM	DYNAMIC INSERTION LOSS IN DECIBELS							
3LP-MD	-1500	4	4	6	9	12	18	18	9
	-1000	4	5	6	9	12	18	18	8
	0	4	5	6	8	11	17	19	10
	+1000	4	5	6	8	10	16	20	10
	+2000	3	4	5	7	9	16	21	9
5LP-MD	-1500	7	8	10	18	31	30	16	10
	-1000	5	7	8	18	30	30	16	10
	0	7	6	8	16	27	32	17	10
	+1000	4	6	7	15	24	32	18	12
	+2000	4	5	7	14	22	33	18	12
7LP-MD	-1500	9	11	13	22	26	35	21	10
	-1000	8	10	12	22	26	38	22	10
	0	7	9	11	21	31	39	23	11
	+1000	7	8	10	20	28	40	24	12
	+2000	6	7	8	18	27	36	25	12
10LP-MD	-1500	11	12	13	26	38	37	24	18
	-1000	10	11	12	25	37	37	24	18
	0	10	10	12	24	38	36	23	16
	+1000	9	9	11	23	37	37	24	17
	+2000	8	9	10	22	37	37	25	17

THIS TABLE CONTAINS BOTH FORWARD (+) AND REVERSE (-) FLOW ACOUSTIC AND AERODYNAMIC RATINGS BASED ON TEST RESULTS MEASURED IN ACCORDANCE WITH ASTM E477. COPIES OF THESE TEST REPORTS CAN BE FURNISHED UPON REQUEST

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