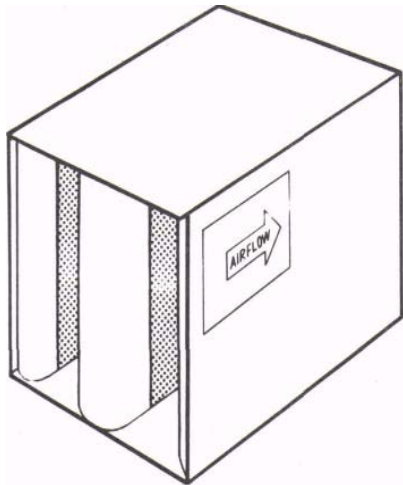


Spec Data Sheet

Acoustical Silencers Non - Erosive Series



MODEL SP - MD RECTANGULAR NOMENCLATURE EXAMPLE

WIDTH	HEIGHT	LENGTH	MODEL
24	24	36	SP - 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							
3SP-MD	-2000	3	5	8	11	25	16	11	11
	-1000	3	5	8	13	19	18	11	9
	0	4	4	7	12	18	18	13	11
	+1000	3	4	8	11	17	17	14	12
	+2000	3	3	6	9	16	17	13	10
5SP-MD	-2000	7	10	11	19	35	43	18	12
	-1000	5	8	12	21	38	43	17	13
	0	9	8	13	19	32	34	18	13
	+1000	6	8	12	18	29	34	19	15
	+2000	7	8	8	15	26	36	20	15
7SP-MD	-2000	12	14	20	34	42	46	22	13
	-1000	10	13	18	31	45	50	23	14
	0	8	12	18	28	43	48	22	16
	+1000	8	10	15	27	41	46	26	20
	+2000	7	10	13	23	37	43	31	21
10SP-MD	-2000	12	18	22	28	39	47	25	16
	-1000	11	16	21	30	42	48	28	18
	0	10	17	21	29	44	49	32	26
	+1000	10	16	20	29	44	49	33	31
	+2000	9	15	19	27	40	44	35	30

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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