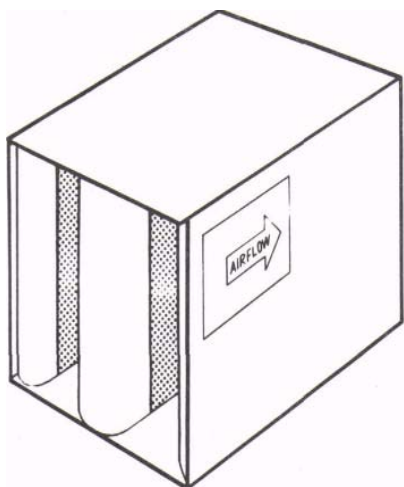


Spec Data Sheet

Acoustical Silencers Rectangular Series



MODEL SP - LF RECTANGULAR NOMENCLATURE EXAMPLE

WIDTH	HEIGHT	LENGTH	MODEL
24	24	36	SP - LF

IES -2000's sound attenuators are engineered to achieve a maximum insertion loss with a minimum pressure drop. IES -2000's sound attenuators feature airfoil design for efficient aerodynamic performance, as well as superior acoustical materials and total galvanized steel construction, guaranteeing excellent reliability and performance.

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-LF	-1500	7	8	17	21	18	15	10	9
	-1000	6	8	17	20	18	14	11	10
	0	6	7	16	19	16	14	11	10
	+1000	5	7	15	18	16	13	11	10
	+1500	4	6	15	17	15	12	10	10
5SP-LF	-1500	12	14	28	31	30	17	15	11
	-1000	11	14	27	30	29	17	15	12
	0	10	13	26	29	28	16	13	11
	+1000	9	12	24	28	27	16	12	11
	+1500	8	12	23	27	26	17	12	12
7SP-LF	-1500	14	19	33	44	43	22	16	13
	-1000	15	18	32	44	42	21	16	15
	0	15	16	30	43	43	22	15	13
	+1000	14	15	29	42	42	23	15	13
	+1500	14	15	27	40	42	23	16	14
10SP-LF	-1500	19	25	43	52	54	27	20	15
	-1000	18	24	42	52	54	28	22	16
	0	17	23	41	51	53	28	21	16
	+1000	17	23	40	50	52	30	22	17
	+1500	17	22	38	49	51	30	23	18

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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