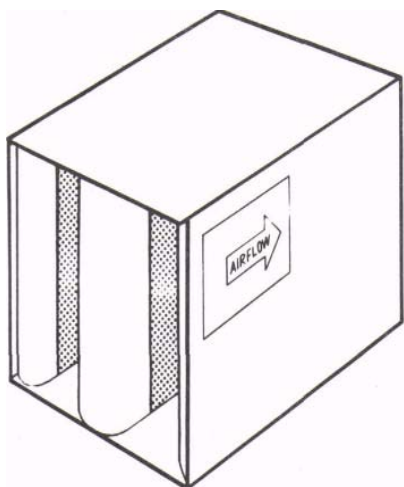


Spec Data Sheet

Acoustical Silencers Rectangular Series



MODEL LP - LF RECTANGULAR NOMENCLATURE EXAMPLE

WIDTH	HEIGHT	LENGTH	MODEL
24	24	36	LP - 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							
3LP-LF	-2000	4	8	11	18	20	17	14	13
	-1000	4	8	10	16	19	17	15	14
	0	3	7	10	15	18	15	14	13
	+1000	3	7	9	14	17	16	14	13
	+2000	2	6	8	13	17	16	14	13
5LP-LF	-2000	6	16	17	27	28	21	17	13
	-1000	6	15	16	25	27	22	16	15
	0	6	13	14	23	26	21	15	14
	+1000	6	13	14	22	25	21	15	14
	+2000	5	12	13	21	25	20	14	15
7LP-LF	-2000	9	20	23	34	36	29	22	15
	-1000	9	19	22	32	35	29	23	17
	0	8	18	21	30	34	28	22	16
	+1000	7	17	19	28	34	27	20	11
	+2000	7	16	18	26	33	26	19	12
10LP-LF	-2000	12	23	31	44	45	30	23	16
	-1000	12	22	31	43	45	30	24	16
	0	11	20	30	43	43	30	23	16
	+1000	10	20	29	42	42	29	21	15
	+2000	10	19	28	42	42	27	20	15

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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