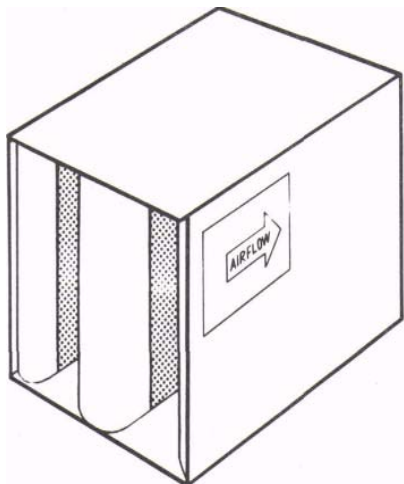


Spec Data Sheet

Acoustical Silencers Rectangular Series



MODEL LFA RECTANGULAR NOMENCLATURE EXAMPLE

WIDTH	HEIGHT	LENGTH	MODEL
24	24	36	LFA

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							
3LFA	-2000	4	13	17	25	30	25	19	16
	-1000	3	12	16	24	29	24	20	16
	0	3	11	15	22	27	27	20	16
	+1000	3	11	14	21	26	27	21	17
	+2000	1	10	13	20	24	27	21	18
5LFA	-2000	7	23	26	39	49	38	26	18
	-1000	6	20	23	37	46	37	27	18
	0	6	17	22	35	43	42	26	16
	+1000	5	15	21	33	41	42	27	17
	+2000	4	14	19	30	38	43	29	18
7LFA	-2000	7	32	36	47	54	43	28	19
	-1000	7	30	30	44	57	44	30	19
	0	3	27	27	41	54	50	30	22
	+1000	3	23	25	39	51	51	31	23
	+2000	3	21	23	37	47	50	32	24
10LFA	-2000	10	37	49	53	51	45	34	23
	-1000	12	36	43	62	61	55	37	23
	0	9	35	39	57	64	63	36	22
	+1000	8	32	36	52	63	61	38	24
	+2000	7	29	33	48	54	50	38	26

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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