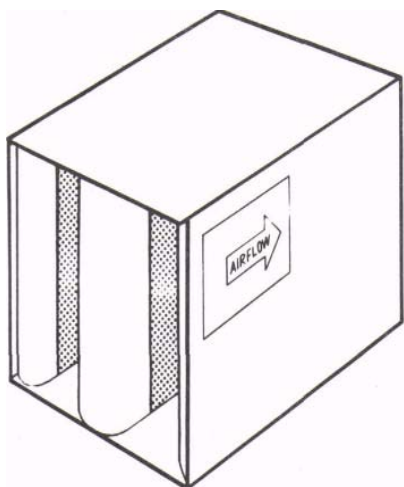


Spec Data Sheet

Acoustical Silencers Rectangular Series



MODEL XLP RECTANGULAR NOMENCLATURE EXAMPLE

WIDTH	HEIGHT	LENGTH	MODEL
24	24	36	XLP

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							
3XLP	-1500	5	5	10	17	25	19	13	8
	-1000	4	5	9	17	25	19	13	8
	0	4	4	9	17	24	21	14	9
	+1000	3	4	9	16	24	26	17	11
	+2000	3	3	9	16	23	26	17	10
5XLP	-1500	7	8	16	24	36	35	18	12
	-1000	7	8	15	23	36	35	18	12
	0	6	7	13	21	34	37	19	12
	+1000	6	7	13	21	33	37	20	12
	+2000	6	7	12	21	31	38	20	12
7XLP	-1500	8	14	19	34	44	43	24	14
	-1000	7	14	18	32	45	44	23	15
	0	6	14	17	29	45	47	23	16
	+1000	7	13	17	29	43	46	24	17
	+2000	8	13	18	28	42	47	26	18
10XLP	-1500	10	19	26	43	50	49	36	23
	-1000	10	18	25	42	50	50	36	23
	0	9	18	24	39	50	49	35	21
	+1000	10	18	23	39	50	30	36	22
	+2000	10	17	23	38	50	50	37	22

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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