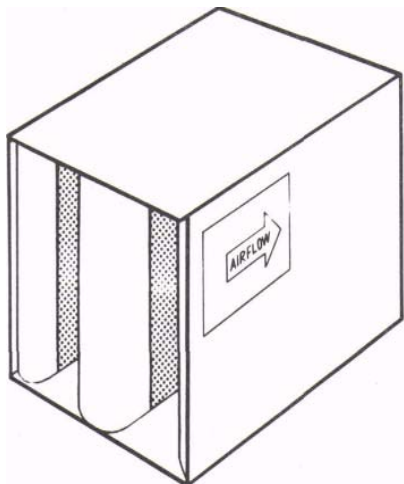


Spec Data Sheet

Acoustical Silencers Rectangular Series



MODEL HP RECTANGULAR NOMENCLATURE EXAMPLE

WIDTH	HEIGHT	LENGTH	MODEL
24	24	36	HP

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	(D)	(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							
3HP	-1500	6	10	19	28	39	43	25	16
	-1000	6	10	18	27	39	42	25	16
	0	6	7	17	26	37	43	26	13
	+1000	7	7	16	24	35	42	28	17
	+1500	6	6	16	23	34	42	29	17
5HP	-1500	9	17	36	46	48	40	34	22
	-1000	8	16	33	45	51	44	41	22
	0	7	13	29	42	58	62	45	25
	+1000	6	12	26	40	57	60	48	27
	+1500	6	12	25	39	54	51	45	28
7HP	-1500	10	24	41	43	47	48	37	30
	-1000	10	23	40	48	51	52	48	34
	0	9	19	38	47	59	63	55	34
	+1000	8	16	36	47	59	62	55	39
	+1500	8	16	34	46	57	55	46	36
10HP	-1500	12	36	46	50	50	44	35	35
	-1000	11	34	46	58	57	47	47	40
	0	10	29	44	58	64	64	59	45
	+1000	10	26	43	58	63	63	58	49
	+1500	9	25	42	60	64	57	54	50

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

INPLANT ENVIRO-SYSTEMS 2000, INC.

105 W. Lynn Street, PO Box 770, St Paris, Ohio 43072
Phone: (877)248-8640 Fax : (937)663-0678