

ACOUSTI - SILENCERS

SOUND ATTENUATOR

Spec Data Sheet

Acoustical Silencers Rectangular Series

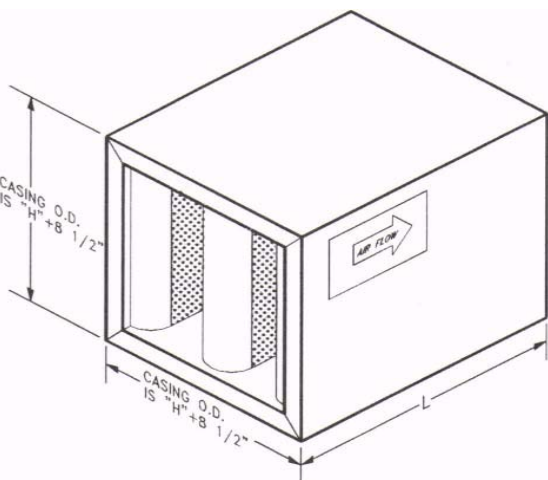
MODEL HP - TL

RECTANGULAR

NOMENCLATURE EXAMPLE

WIDTH	HEIGHT	LENGTH	MODEL
24	24	36	HP - TL

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. **HP-TL** Sound Attenuators provide the physical and acoustic security required to meet the Sound Transmission Class (STC) ratings for today's security conscious environments. *Optional* RF shielding can be added for 'Tempest' applications.



REQUIRED STC	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							
35	5HP-TL	-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
40	7HP-TL	-1500	11	24	39	43	49	47	39	30
		-1000	11	23	38	48	52	49	43	33
		0	9	19	36	47	50	48	45	34
		+1000	8	16	34	46	50	49	45	35
		+1500	8	16	33	45	50	48	44	36
45	10HP-TL	-1500	13	24	42	54	56	53	50	41
		-1000	12	23	41	53	55	54	51	42
		0	12	22	40	52	54	54	52	42
		+1000	11	21	40	52	53	54	52	43
		+1500	10	19	39	52	53	54	51	46

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