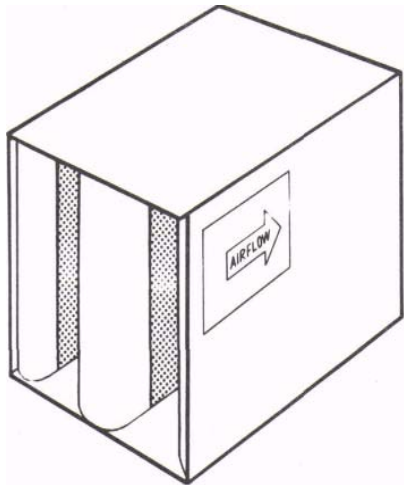


## Spec Data Sheet

## Acoustical Silencers Rectangular Series



### MODEL LF – 43S RECTANGULAR NOMENCLATURE EXAMPLE

WIDTH	HEIGHT	LENGTH	MODEL
24	24	36	LF – 43S

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)							
		FACE VELOCITY FPM							
		DYNAMIC INSERTION LOSS IN DECIBELS							
3LF43S	-1500	1	8	10	17	22	17	15	13
	-1000	2	8	10	16	21	17	15	14
	0	1	7	10	15	20	16	14	13
	+1000	1	7	9	14	20	16	14	13
	+1500	1	7	9	14	20	16	14	13
5LF43S	-1500	6	15	16	25	33	24	21	14
	-1000	6	15	16	25	33	24	21	15
	0	5	14	15	22	31	22	19	15
	+1000	6	13	14	22	30	23	18	14
	+1500	6	12	13	22	29	23	18	15
7LF43S	-1500	6	19	22	33	43	27	20	16
	-1000	6	19	22	32	42	27	20	17
	0	5	18	21	30	40	26	19	16
	+1000	4	17	19	28	38	25	17	11
	+1500	4	16	18	27	38	25	17	11

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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