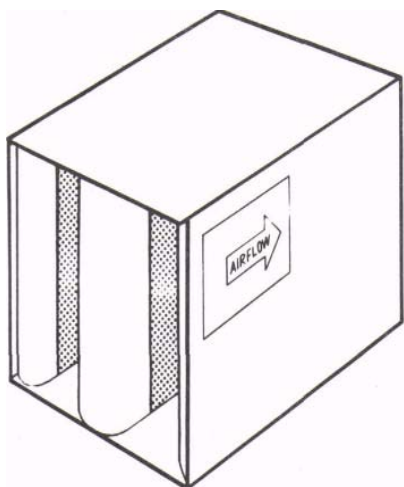


ACOUSTI - SILENCERS

SOUND ATTENUATOR

Spec Data Sheet

Acoustical Silencers Non - Erosive Series



MODEL CBA RECTANGULAR NOMENCLATURE EXAMPLE

WIDTH	HEIGHT	LENGTH	MODEL
24	24	36	CBA

IES - 2000's "CBA" style sound attenuators are designed and engineered to eliminate acoustical fill entrainment by the air stream and reduce to a minimum the absorption of gases and particles by the acoustical fill. Reliability and performance are guaranteed since the basic configuration and materials are utilized. This non-erosive, non-pregnant, cleanable silencer is excellent for hospital and clean room systems. Optional removable parts also permit cleaning of concealed surfaces and replacement of acoustic fill. Standard construction is galvanized steel. Also available in Stainless Steel.

MODEL NO.	OCTAVE BANDS CENTER FREQUENCY (Hz)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
		63	125	250	500	1000	2000	4000	8000
FACE VELOCITY FPM		DYNAMIC INSERTION LOSS IN DECIBELS							
3CBA	-1500	1	5	15	24	35	32	20	11
	-1000	1	5	14	23	34	32	19	10
	0	1	5	13	23	33	34	20	13
	+1000	1	4	12	21	32	34	20	14
	+1500	0	4	12	21	31	34	20	14
5CBA	-1500	3	12	28	39	42	36	27	19
	-1000	2	11	26	37	45	40	35	18
	0	3	10	24	36	54	60	38	21
	+1000	1	8	21	34	52	59	40	23
	+1500	1	8	20	33	51	58	40	24
7CBA	-1500	2	16	33	43	42	36	32	20
	-1000	2	15	33	43	44	40	35	20
	0	5	12	29	43	56	54	36	24
	+1000	4	11	26	41	56	54	37	27
	+1500	3	10	25	41	56	53	36	27
10CBA	-1500	7	25	39	44	44	37	29	23
	-1000	7	23	38	44	46	41	41	25
	0	8	19	39	45	59	63	45	34
	+1000	6	16	36	45	68	62	45	34
	+1500	6	15	33	45	56	58	44	35

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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