



Chamber Silencers

D12 D12H

Application

Blower Discharge Silencer for standard silencing at blower speeds below transition speed.

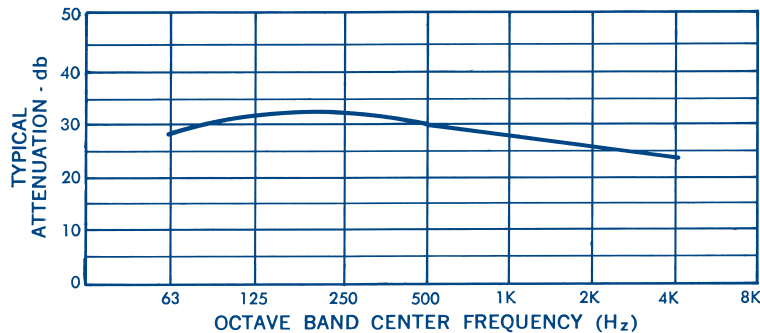
Design

A multi-chambered silencer containing a special arrangement of volumes and air passageways to effectively reduce pulsations through the conversion of noise energy into heat. D12 and D12H Silencers may be installed horizontally or vertically. Design parameters permit nozzle orientation to suit installation requirements.

Construction

All welded steel sheet and plate construction for long service life. Exterior surfaces are prime coated. Flanges are drilled to match 125 lb. American Standard Flanges. Inspection openings, mounting brackets, relief valve nozzles or special paint are available at extra charge.

Typical Attenuation Curve



Model	A	B	C	WT.
D12- 8	8	22	62	305
D12-10	10	26	75	416
D12-12	12	30	94	731
D12-14	14	30	100	953
D12-16	16	36	114	1282
D12-18	18	42	127	1800
D12-20	20	42	139	2179
D12-22	22	48	152	2788
D12-24	24	54	166	3480

Model	A	B	C	E	H		Wt.
					Min.	Max.	
D12H- 8	8	22	59	15	10	22	305
D12H-10	10	26	72	17	12	30	416
D12H-12	12	30	91	19	13	34	731
D12H-14	14	30	97	19	14	40	953
D12H-16	16	36	111	22	15	45	1282
D12H-18	18	42	124	25	18	50	1800
D12H-20	20	42	136	25	19	55	2179
D12H-22	22	48	150	28	21	65	2788
D12H-24	24	54	164	31	22	67	3480

