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Application

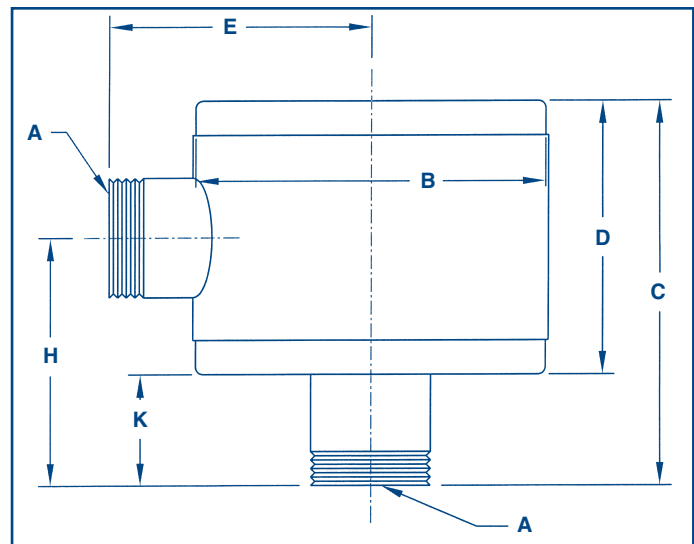
Provides standard silencing for all rotary positive displacement blowers operating either above or below transition speed.

Design

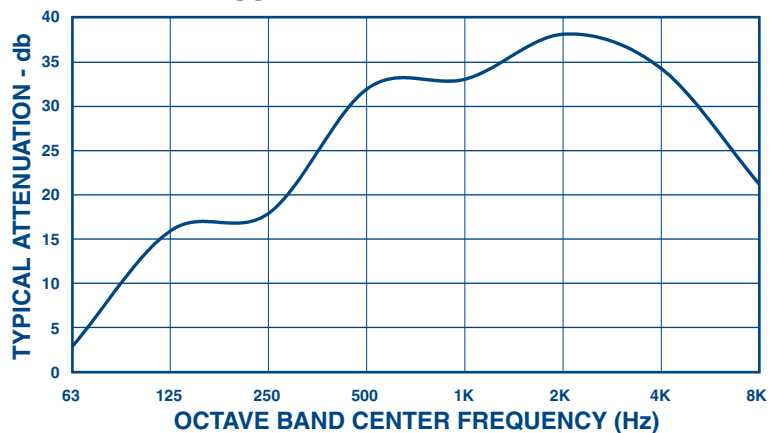
A compact silencer employing concentric passageways and high frequency absorption characteristics. Passageway design reduces both pulsation and high frequency noise by converting noise energy to heat energy. The DC31 series silencers can be installed horizontally or vertically.

Construction

The DC31 is all welded sheet and plate steel construction for long service life. Acoustic absorption material temperature limits far exceed application temperatures. Exterior surfaces are prime coated. When used, flanges are drilled to match 125 lb. American Standard Flanges. Special materials of construction and finishes are available at an extra cost.



Typical Attenuation Curve



Model	A	B	C	D	E	H	K	Wt.
DC31-2	2	10	8	5	8	5½	3	15
DC31-2½	2½	12	10	7	9	6½	3	25
DC31-3	3	14	12	9	10	7½	3	31
DC31-4	4	18	15	11	13	9½	4	74
DC31-5	5	24	17½	13¼	16	10⅝	4	118
DC31-6	6*	26	19¼	15¼	17	11⅝	4	133

*Flanged