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Application

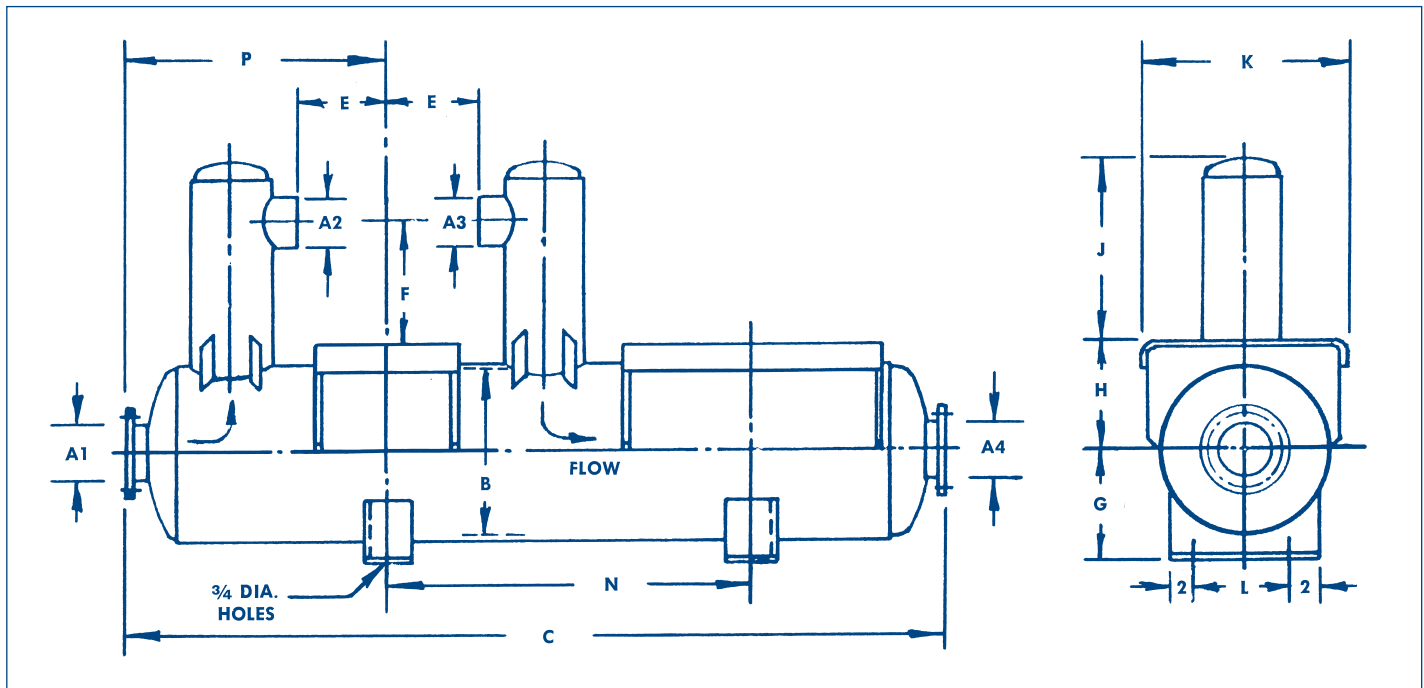
Combination Intake-Discharge Silencer for Rotary Positive Blowers where maximum silencing is required.

Design

A combination intake and discharge silencer which enables the blower and motor to be mounted directly to the top of the horizontal mounted silencer. The silencers are of a multi-chamber design containing a high frequency absorption section in addition to a special arrangement of volumes and air passageways to effectively reduce both pulsations and high frequencies.

Construction

All welded steel and plate construction for long service life. Acoustic material temperature rating shall not exceed 300°F. Intake and discharge flanges are drilled to match 125 ASA flanges. When specified, the blower flange connections are drilled to match blower flanges or flexible connectors. Blower base, motor base, and mounting brackets are included as integral parts of the silencer package. Blower and Motor Slide Rails are not included with silencer bases. Special designs, relief valve connections and drilling of flanges are available upon request.



Model	A1	A3	B	C	E		F		G	H	J	K	L	N	P	Wt.
	A2	A4			Min.	Max.	Min.	Max.								
D90-4-4	4	4	20	90 ¹ / ₂	11	15	6	12	13 ¹ / ₄	13	F+7	24	15	34 ³ / ₄	21 ¹ / ₄ +E	550
D90-5-4	5	4	20	90 ¹ / ₂	11	15	7	14	13 ¹ / ₄	13	F+7	24	15	38 ³ / ₄	21 ¹ / ₄ +E	575
D90-5-5	5	5	20	96 ¹ / ₂	11	16	7	14	13 ¹ / ₄	13	F+7	24	15	41 ³ / ₄	21 ¹ / ₄ +E	600
D90-6-5	6	5	20	102	14	20	8	16	13 ¹ / ₄	13	F+7	24	15	44 ¹ / ₂	21 ¹ / ₄ +E	675
D90-6-6	6	6	20	108	14	22	8	16	13 ¹ / ₄	13	F+7	24	15	47 ¹ / ₄	21 ¹ / ₄ +E	740
D90-8-6	8	6	24	109	12	20	10	20	15 ¹ / ₄	15	F+10	30	18	46 ¹ / ₂	24 ¹ / ₄ +E	1050
D90-8-8	8	8	24	115	12	22	10	20	15 ¹ / ₄	15	F+10	30	18	50	24 ¹ / ₄ +E	1130