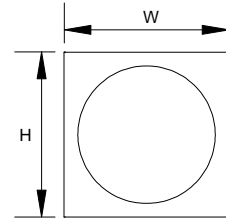


PACKLESS SILENCERS CVS

GENERAL DESCRIPTION

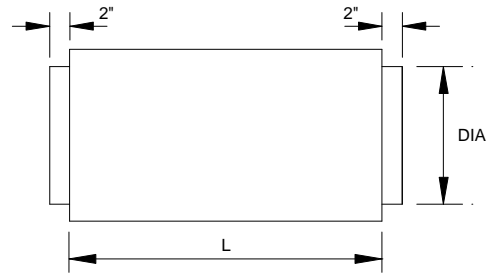
This in-line tubular packless (no acoustic fill) attenuator is specifically designed for use with exhaust and supply air control valves. The CVS unit has a low profile casing for limited space installations. The CVS is ideally suited for lower or higher velocities at or near 2,000 fpm.



Special features of the Packless Fume Attenuators include:

- No acoustic fill or other sound absorptive material
- 22 gauge galvanized steel casings
- 24 gauge perforated galvanized baffle
- Seams are mastic filled to insure airtight units to 8" w.g.

Components also available in stainless steel.



**Dynamic Insertion Loss (dB)
Octave Band/Center Frequency (Hz)**

Dia	Width	Height	Length	Flow	Velocity fpm	Pressure Drop	Dynamic Insertion Loss (dB)							
							1 63	2 125	3 250	4 500	5 1K	6 2K	7 4K	8 8K
5" & 6"	15"	15"	36"	Reverse	-2000	0.05	5	11	16	15	9	7	8	6
				Flow	-1000	0.01	5	10	13	14	8	7	8	6
					0		4	10	13	14	8	7	8	6
				Forward	1000	0.01	5	11	13	14	8	7	8	6
				Flow	2000	0.05	5	11	15	15	8	7	8	5
7" & 8"	17"	17"	36"	Reverse	-2000	0.05	8	9	14	15	6	6	7	6
				Flow	-1000	0.01	9	8	12	14	5	7	7	5
					0		8	7	12	14	5	6	7	5
				Forward	1000	0.01	9	8	12	14	5	6	7	5
				Flow	2000	0.05	9	9	13	14	5	6	7	5
9" & 10"	19"	19"	36"	Reverse	-2000	0.03	9	8	12	20	8	5	6	4
				Flow	-1000	0.01	8	7	10	20	8	5	6	4
					0		6	6	9	20	8	5	7	4
				Forward	1000	0.01	7	7	9	20	8	5	7	3
				Flow	2000	0.03	7	8	11	20	9	6	7	3
12"	21"	21"	36"	Reverse	-2000	0.04	7	9	16	19	7	7	5	4
				Flow	-1000	0.01	7	8	15	19	8	6	5	4
					0		7	8	15	19	8	6	5	4
				Forward	1000	0.01	7	8	15	20	7	6	4	3
				Flow	2000	0.04	6	8	15	20	7	6	4	2
14" & 16"	30"	30"	36"	Reverse	-2000	0.04	6	9	17	18	7	7	6	6
				Flow	-1000	0.01	5	8	17	18	8	8	6	5
					0		5	7	16	19	9	8	6	5
				Forward	1000	0.01	5	7	16	19	8	7	5	4
				Flow	2000	0.04	5	6	16	20	8	7	4	3



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2259 Scranton-Carbondale Highway
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Tel: 570.487.2490 Fax: 570.487.2494
www.labcontrols.com

Title:
PACKLESS SILENCERS

Model Number:
CVS

Drawing Number:
CVS-DS

Date:
10/11/2004 Rev. A