

# Clevaflex® HVA

## Inline Duct Silencer for Home Theater Applications

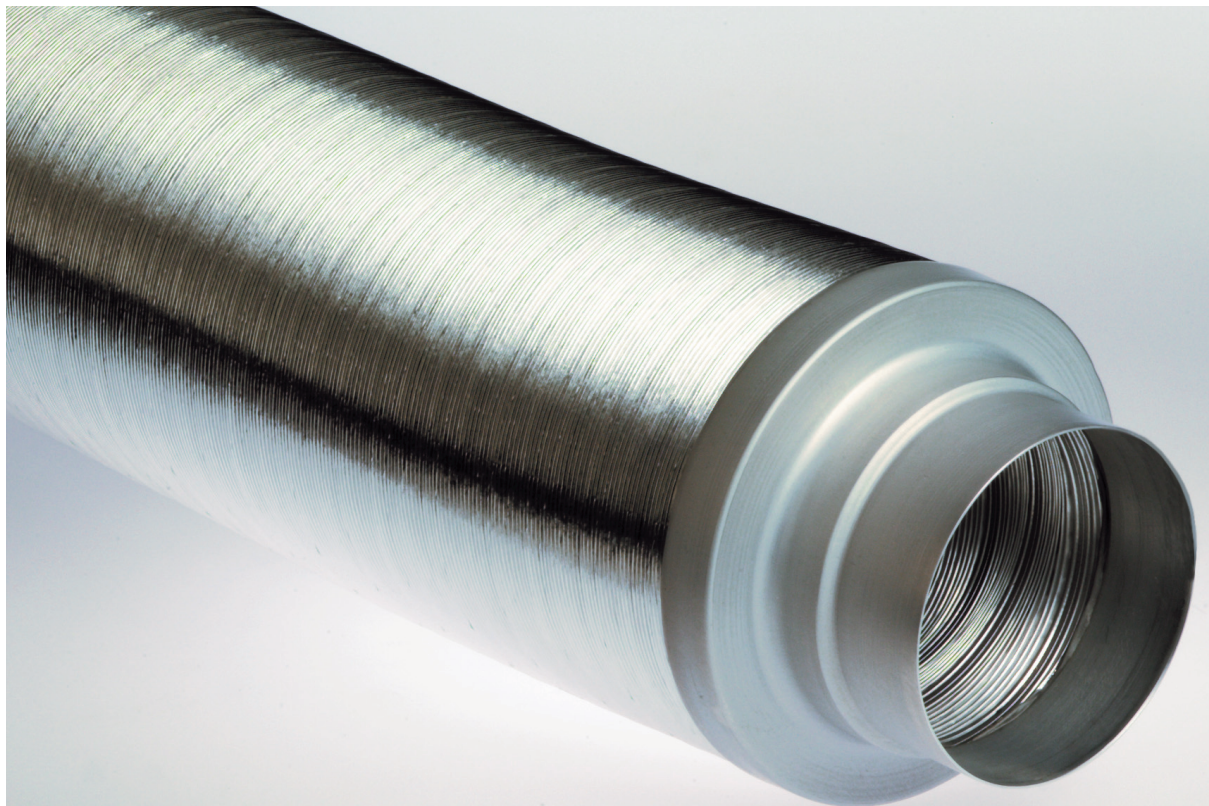
The **Inline Duct Silencer from Clevaflex** will make your Home Theater viewing a more enjoyable experience. It is a practical and economical way to reduce noise coming through your HVAC ducting system—whether it's the blower fan, talking or any other household sounds being transmitted room-to-room via the duct system. In fact, with the Inline Duct Silencer, you can maintain a consistent volume on your home theater system, so you'll hear even the quietest conversations or subtlest sound effects, just as they were intended by the director, without having to adjust the volume control when the air system turns on.

- Reduces sound/noise in air ducts
- All-aluminum construction
- No restriction of air flow
- Easy installation
- No maintenance required

The Clevaflex Inline Duct Silencer is installed in your home's air duct between the HVAC fans and home theater. It can be installed in new or existing systems and will not restrict airflow through the duct. Installation is very easy by means of slip-in collars, can bend almost to a 90-degree angle and is virtually maintenance free. The standard length is 5 feet tip-to-tip, although custom lengths are also available. Clevaflex also offers other acoustical products, including our [DB Series Acoustical Flexible Duct](#).

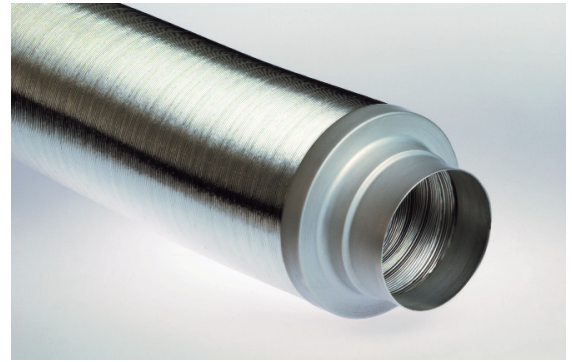
See technical data charts and ordering information on reverse.

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### Technical Data

**Sound Attenuation in dB for 4", 6", 8" & 14" ID Silencers — With and Without Air Flow**

Octave Band Number	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Center Frequency - Hz	125	250	500	1000	2000	4000	8000
<b>Straight Silencer - Insertion Loss (IL) in dB per 5' length</b>							
<b>IL @ Zero FPM (feet per minute)</b>							
4" ID Silencer	12	15	30	40	42	28	18
6" ID Silencer	9	10	21	30	35	18	12
8" ID Silencer	6	7	19	26	25	13	11
14" ID Silencer	4	6	18	22	20	10	9
<b>IL @ 2500 FPM</b>							
4" ID Silencer	11	14	29	38	42	27	18
6" ID Silencer	8	9	20	28	32	17	12
8" ID Silencer	4	6	17	25	24	13	11
14" ID Silencer	3	5	15	21	19	10	9

Octave Band Number	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Center Frequency - Hz	125	250	500	1000	2000	4000	8000
<b>Silencer with 90° bends - Insertion Loss (IL) in dB per 5' length</b>							
<b>IL @ Zero FPM (feet per minute)</b>							
4" ID Silencer	5	13	29	41	35	38	6
6" ID Silencer	2	4	17	32	34	15	7
8" ID Silencer	5	4	16	28	31	11	6
14" ID Silencer	5	4	15	26	29	9	7
<b>IL @ 2500 FPM</b>							
4" ID Silencer	4	13	29	36	33	19	6
6" ID Silencer	2	4	17	33	33	14	7
8" ID Silencer	5	3	16	28	30	12	6
14" ID Silencer	5	4	15	26	29	10	7

<b>Radiated Noise Reduction in dB for 8" Silencer - 5' length</b>							
Octave Band Number	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Center Frequency - Hz	125	250	500	1000	2000	4000	8000
<b>Noise Reduction @</b>							
Zero FPM	19	24	38	36	36	29	24
2500 FPM	17	23	36	35	35	29	24

### Ordering Information

Order the Silencer ID size per the size of ducts in your home. Mastercard and Visa accepted.

ID Size*	4"	5"	6"	7"	8"	10"	12"	14"
OD Size	6"	7"	8"	9"	10"	12"	14"	16"
Weight-lbs*	3.5	4	4.5	5.5	6.5	8	9.5	11
Price/each**	\$126	\$147	\$158	\$168	\$179	\$210	\$242	\$284

\*ID (inside diameter) dimensions are nominal and weights are approximate.  
 \*\*Pricing: FOB Cleveland, OH (All units except 14" can ship via UPS)

The foregoing specifications and illustrations are for informational purposes only. Nothing contained therein is intended to, nor shall it be construed as, a representation, warranty or guaranty of any type, including the fitness of the product for any purpose. Users are encouraged to make their own evaluations and to conduct their own testing to determine the suitability of any of our products for a specific application. Information and prices subject to change without notice and without liability therefor.



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