

CERTIFIED PERFORMANCE DATA

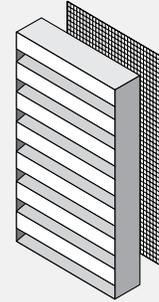
GD

Grille Dissipative Silencer

How to Specify Example:

48 X 60 GD-MV X 4

↑ ↑ ↑ ↑
Width Height Model Depth



Depth (in.)	Model	Octave Band Transmission Loss (dB)								Face Velocity (fpm) Pressure Drop (in.wg)		
		63	125	250	500	1000	2000	4000	8000	250	350	500
4	GD-LV-4	1	2	3	5	8	10	13	13	0.1	0.2	0.41
	GD-MV-4	1	2	2	4	6	8	10	10	0.07	0.13	0.27
6	GD-LV-6	2	3	4	7	10	12	14	13	0.12	0.24	0.48
	GD-MV-6	2	2	3	5	8	10	11	10	0.08	0.16	0.32

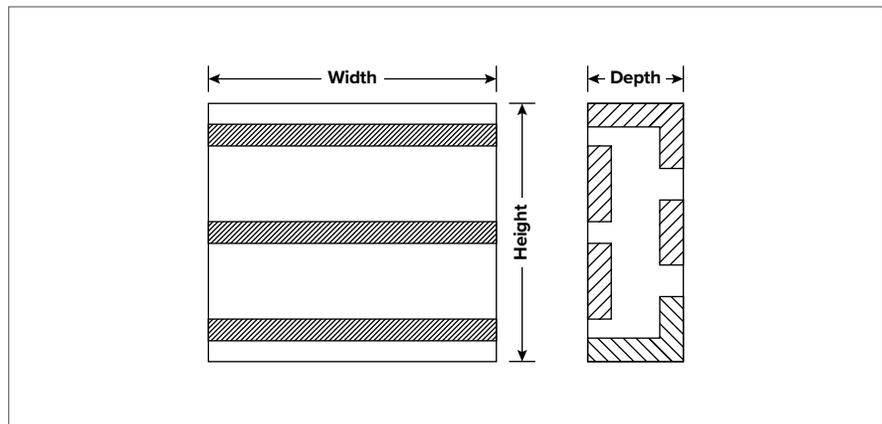
☐ Pressure drop may be too high for most practical applications

Acoustical Performance

Transmission Loss (TL) determined by ASTM E90. Noise Reduction (NR) may be determined as: $NR=TL+6$. Insertion Loss (IL) may be estimated using: $IL=TL+2$ for all bands of interest.

Aerodynamic Performance

Free Area and Pressure Drop determined by AMCA Standard 500-L for free inlet and outlet under ideal conditions. System effects due to ducted conditions, low height, or obstructions may increase pressure drop by a factor of 1.5 or higher.



Dimensions

Maximum single piece size: 48" x 120". For any grille less than 12" high, contact your local Vibro-Acoustics Representative or call **1-800-565-8401** for assistance with product selection due to potentially significantly higher pressure drop values.

Available Options

- > Aluminum or Stainless steel
- > Flanges as required
- > Custom grille shapes and designs for special applications
- > Surface preparation and finishing:
 - > Mill finish
 - > Prime coat
 - > Satin coat/galvaneal
 - > Baked enamel
 - > Anodized (aluminum only)
 - > Other finishes available