

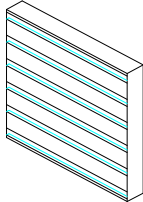
VIBRO-ACOUSTICS®

GD

GRILLE DISSIPATIVE SILENCER

CERTIFIED PERFORMANCE DATA

HOW TO SPECIFY:
EXAMPLE
 48 x 60 GD - MV - 4
 Width Height Model Depth



Depth (in.)	Model	Octave Band Transmission Loss, dB								Face Velocity (fpm) Press. 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	0.10	0.20	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 E90-02. Noise Reduction (NR) may be determined as: $NR=TL+6$. Insertion Loss (IL) may be estimated using: $IL=TL+2$ for all

Aerodynamic Performance: Pressure Drop determined by AMCA Standard 500-L-99 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
- Surface preparation and finishing:
 - Mill finish
 - Prime coat
 - Satin coat / galvanneal
 - Baked enamel
 - Anodized (aluminum only)
 - Other finishing as required
- Custom grille shapes and designs for special applications

