

VOLUME CONTROL DAMPER

Grille Access

DESCRIPTION

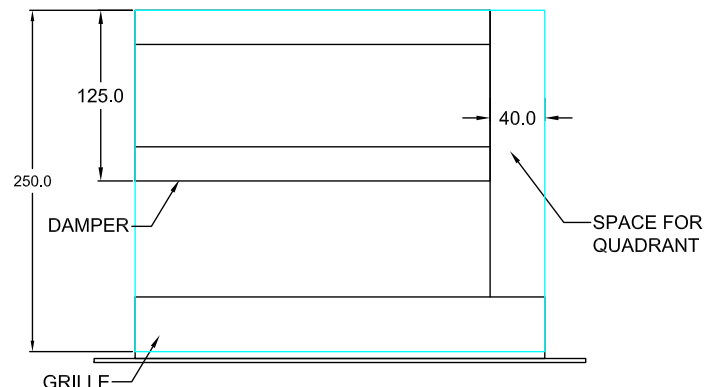
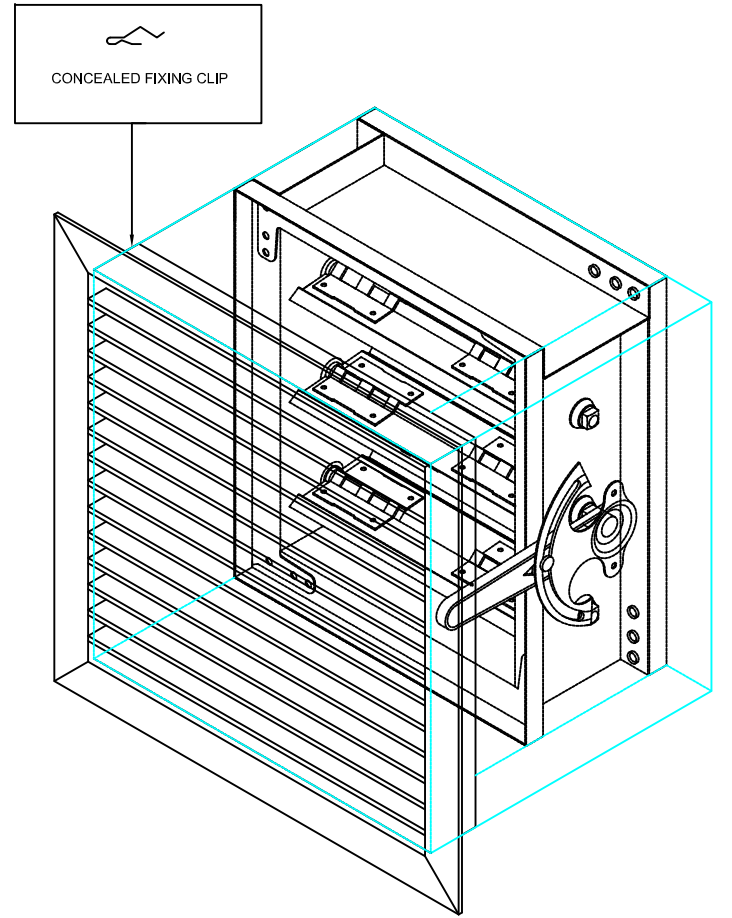
GVD-2 is a low leakage control damper designed for easy access through the grille to the damper, and the damper operator. A 40 mm wide separate compartment on the side of the damper houses the damper operator for a minimum depth of 250 mm. Model GVD-2 is intended for application in medium pressure and velocity systems (up to 5.0 in. w.g. pressure differential and 3000 fpm velocity)

STANDARD CONSTRUCTION

Damper Frame:	125 mm deep channel frame 1.5 mm thick galvanized steel
Damper Blades:	1.5 mm thick galvanized steel 3-V shaped
Blade Seals:	TPE blade seals
Bearings:	Synthetic bearings
Axle:	13 mm diameter plated steel
Linkage:	Plated steel side concealed in frame
Damper Finish:	Mill Finish
Sleeve:	250 mm deep 1.5 mm thick galvanized steel
Grille:	30 mm flanged x 45 mm deep frame Extruded aluminum construction Concealed fixing clips
Grille Finish:	Powder coated to any RAL color
Dimensions:	Minimum size: 150 mm x 150 mm Maximum size: 1200 mm x 1200 mm

OPTIONS

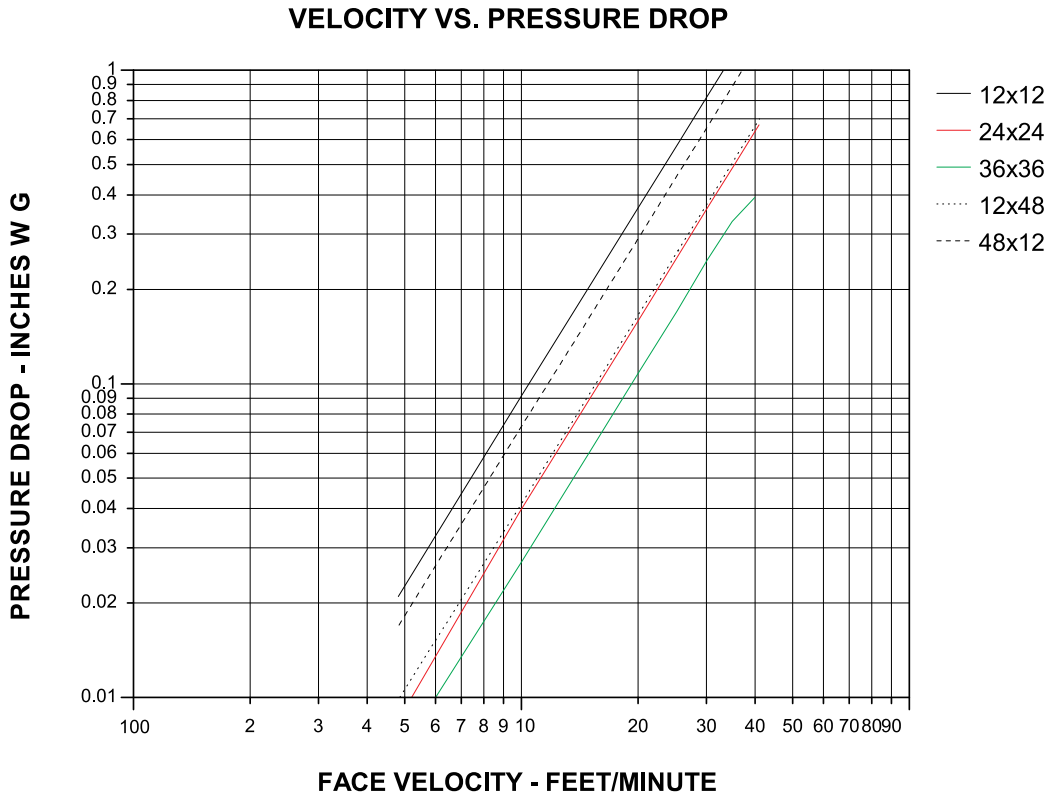
- Optional electric actuators
- Variety of sleeve lengths
- Heavier galvanized steel construction
- Stainless steel construction
- Variety of grille configurations and finishes



TOP VIEW

VD-2 PERFORMANCE DATA

PRESSURE DROP: Below pressure drop data was obtained from tests conducted in accordance with AMCA Standard 500-D. Actual pressure drop found in any HVAC system is a combination of many factors. This pressure drop information along with an analysis of other system influences should be used to estimate actual pressure losses for a damper installed in a given HVAC system.



LEAKAGE: Below Leakage data was obtained from tests conducted in accordance with AMCA Standard 500.

Pressure Differential (in. w.g.)	Leakage (cfm/ft ²)
1 in. w.g.	3 cfm/ft ²
4 in. w.g.	6 cfm/ft ²

