

Commercial Control Damper - Steel

Model

Commercial Control Damper Steel
CCD-GV5-AF

Features

- The CCD-GV5-AF series Control Dampers have been designed and tested to provide the ultimate in performance features for sophisticated HVAC systems. Streamlined ("airfoil") blades provide reduced turbulence and noise. Inflatable blade edge and jamb seals allow extremely tight sealing without unduly increasing torque requirements.
- The CCD-GV5-AF series damper's rigid frame and integrally braced corners provide true damper alignment that greatly resists being installed out of square or out of flat. This insures on site performance equal to test results.
- CCD-GV5-AF is available in either parallel or opposed blade models.
- CCD-GV5-AF is available as face and by-pass mixing dampers.
- Factory installed electric or pneumatic operators are available.

Standard Construction:

Frame: Roll-formed galvanized steel hatsection with staked corners with integral bracing.

Blades: Airfoil-shaped, double skin galvanized steel of roll-formed construction. Mechanically joined to form construction equivalent to 14 ga. steel. Minimum 5" w (127 mm), maximum 7" w (178mm)

Bearings: Bronze Oilite. Press fit into frame.

Axles: Square, plated steel.

Seals: 450°F inflatable PVC blade edge seals and flexible metal jamb seals.

Linkage: Concealed in frame. Linkage bars are 12ga. galvanized steel.

Finish: Mill galvanized.

Extended Shaft: Removable, 6" long x 1/2" dia. (152 mm x 13 mm) plated steel coupled to square axle.

Maximum Temperature: 450°F (Bronze Oilite Bearings)

Size: Minimum size: 8"w x 8"h (203 mm x 203 mm)

Maximum size: Single section - 48"w x 72"h (1219 mm x 1829 mm)

Multiple section - size unlimited:

Options:

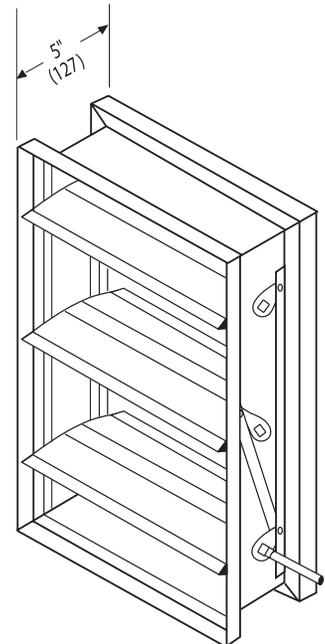
Bearings: Nylon. Press-fit into frame.

Silicone blade edge seals.

Notes:

- Dampers fabricated 1/4" (6mm) under opening size unless otherwise noted
- Not recommended with blades running vertically.
- All dampers 32" (813mm) and over are supplied with Jackshafting. (See Jackshafting & Enclosure submittal drawing for details)

Specifications are correct at time of printing. However, as part of our 'continuous improvement program,' we reserve the right to make further improvements without notice.



PROJECT:			
ENGINEER:			
CUSTOMER:		Jul / 12	
SUBMITTAL DATE:	SPEC. SYMBOL:	244970	

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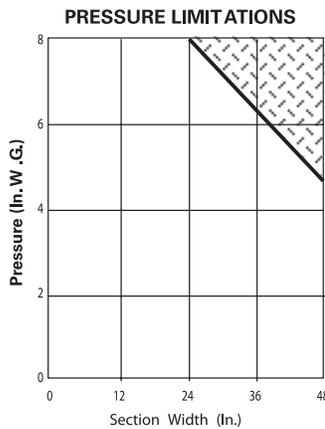
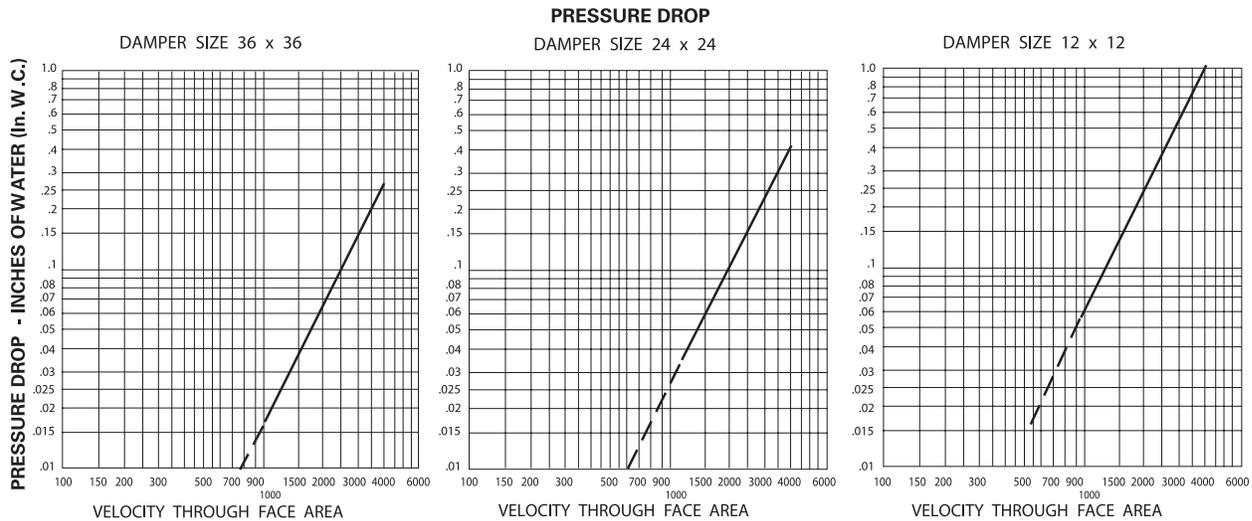
Steel Frame Construction

Galvanized Airfoil Blade



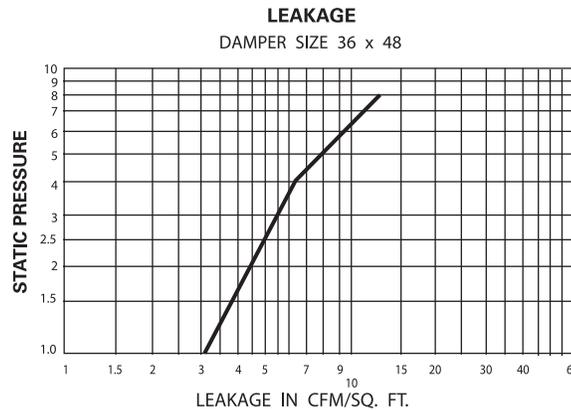
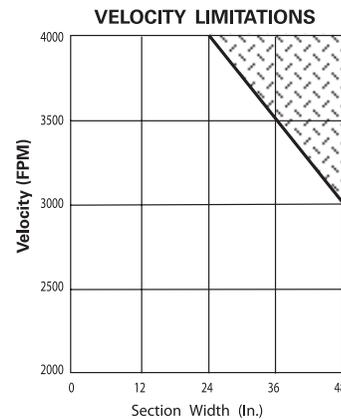
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Pressure drop testing was conducted by an independent laboratory in accordance with the AMCA Standard 500-D, Fig. 5.3 ductwork upstream & downstream



Pressure & Velocity Limitations presented in the adjoining graphs are conservative in order to avoid mis-applications.

Please contact factory for application guidance if your requirements exceed published limitations.



Leakage Performance test was conducted by an independent laboratory in accordance with AMCA Standard 500-D and is expressed as CFM/SQ. FT. of damper face area.

	AT 1.0" w.g.	AT 4.0" w.g.	AT 8.0" w.g.
LEAKAGE	3.1	6.3	12.4
cfm/SQ. FT.			