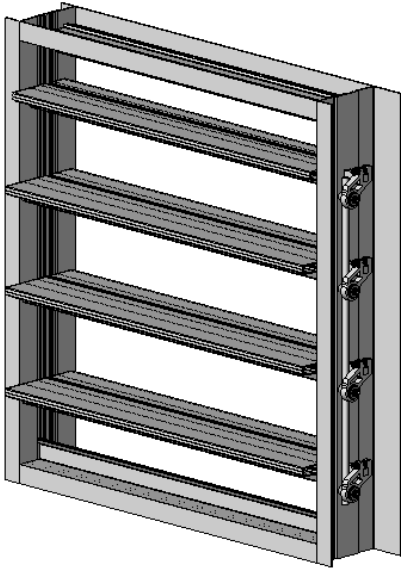
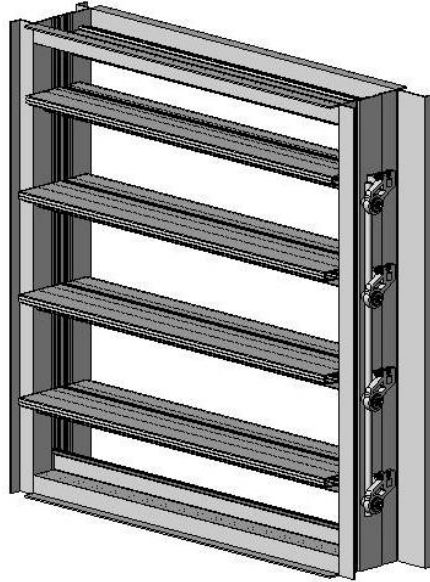
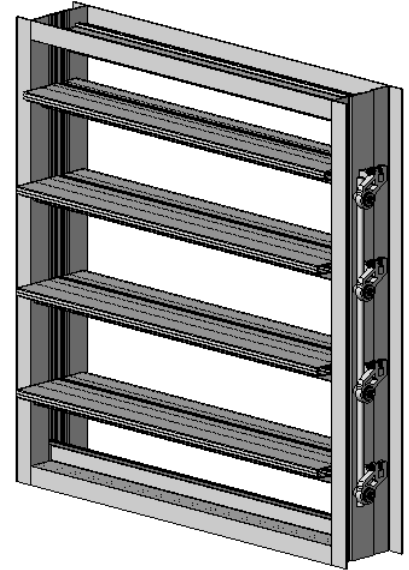
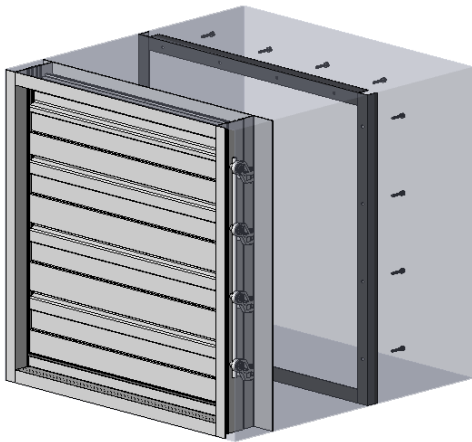
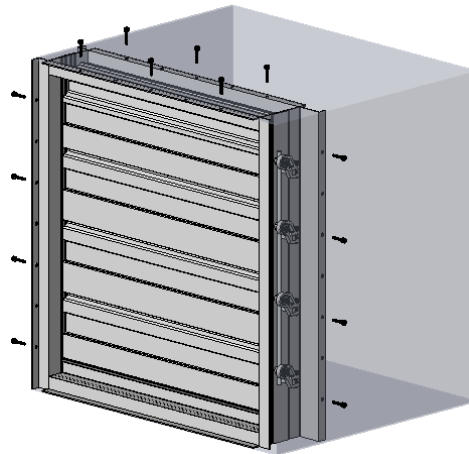
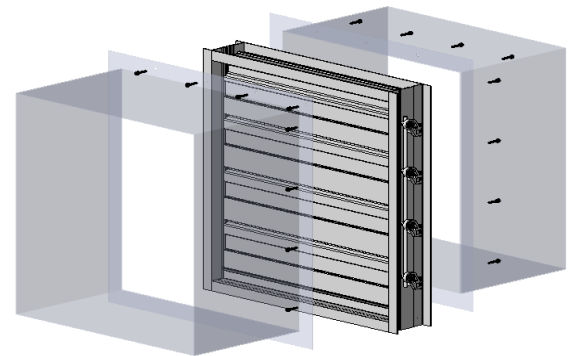


3160**3161 QUICK 'N' STALL****3165****DUCT-MOUNT****DUCT-MOUNT****FLANGED-DUCT**

RECOMMENDED SPECIFICATION

Furnish and install control damper models 3160/3161/3165 as manufactured by Alumavent, Bolton Ontario. Dampers shall be 4" [101 mm] deep. Blades shall be 0.063" [1.60 mm] thick, hollow airfoil shape. Frames shall be 0.081" [2.06 mm] thick. Axles shall be 0.375" [9.53 mm] thick, nickel plated steel. Blade and Jamb seals shall be Santoprene. Linkage is concealed in frame. Air leakage through a 48"x48" damper shall not exceed 6 CFM/Sq. Ft. [30.5 L/s/m²] against 4" w.g [1 kPa] differential static pressure at standard air. Operating temperature range shall be -40° to +180° F.

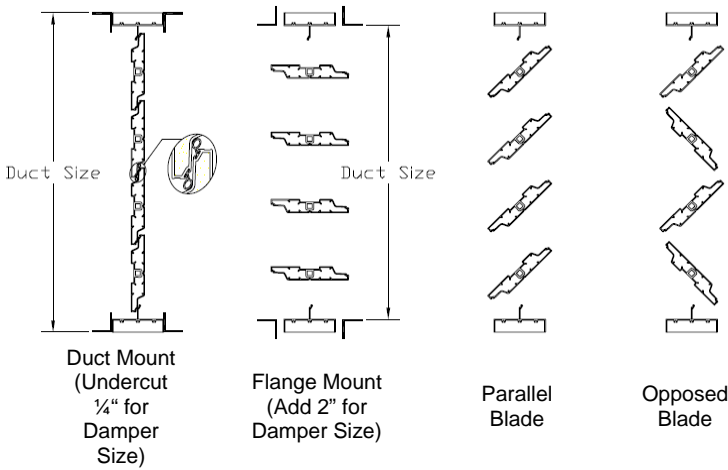
STANDARD CONSTRUCTION

Depth: 4" (101 mm)
Depth Blades Open: 6 1/8" (156 mm)
Frame Thickness: 0.081"
Blade Thickness: 0.081"

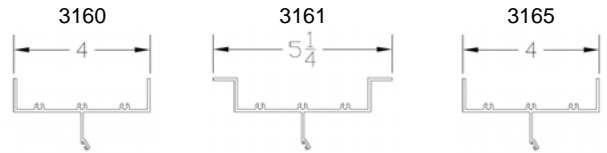
MATERIAL

Frame & Blades: Extruded 6063-T5 Aluminum
Seals: Santoprene Vinyl Blade and Jamb Seals
Bearings: Celcon inner bearing within a polycarbonate outer bearing.
Axles: 3/8" Aluminum Square Bar

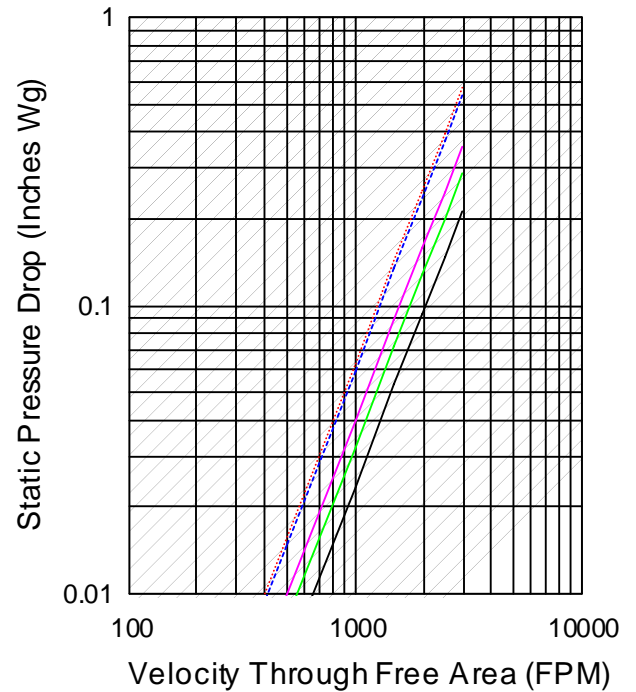
Frame Style: Specify *DM* for Duct Mount Frame
 Specify *FM* for Flange Mount Frame



HEAD DETAIL

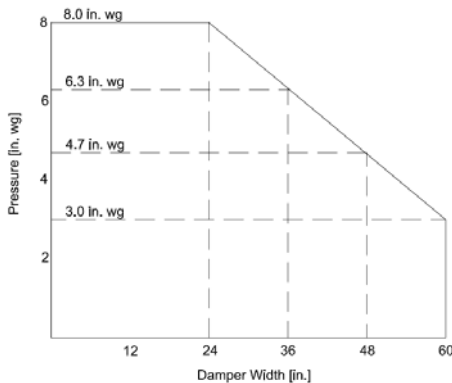


Pressure Drop



Minimum Height: 8" [203 mm] Single Blade
 15" [381 mm] Multiple Blade
Maximum Panel Width: 48" [1219 mm]
Maximum Panel Height: 60" [1524 mm]
Maximum Panel Size: 20 Sq. Ft.
Maximum System Pressure: 4" w.g [1 kPa]
Operating Temperature Range: -40° to +180° F

Pressure Limitations



AVAILABLE ACCESSORIES

- Actuators [Honeywell, Belimo]
- End Switch for signaling peripheral devices
- Jack Shaft
- Hand Quadrants
- Chain Operation for manual operation spring closed
- Salt Water Construction

Leakage: Does not exceed 6 CFM/ft² [30.5 L/s/m²] against 4" w.g [1 kPa] differential static pressure at -40° F [-40° C]

Linkage: Concealed in frame
Standard Finish: Mill
Available Finish: Clear Anodized
Standard Motor: 6" Side Shaft Direct Drive
Installation:

