

MODEL 4100 • LOW LEAKAGE







4100 Low Leakage Steel Control Damper

STANDARD CONSTRUCTION

Frame Depth: 5" (127 mm)
Depth (blades open): 6 3/8" (162 mm) Frame Thickness: 16 Ga. galvanized steel Blade Thickness: 16 Ga. galvanized steel Blade Seals: Co-extruded Santoprene vinyl Jamb Seals: Stainless steel compression spring

Bearings: Oilite self-lubricating bronze Axles: 3/8" square polycarbonate
Frame Style: Hat channel for in-duct mount Minimum Height: 8" (203 mm) Single blade 14" (356 mm) Multiple blade Maximum Panel Width: 48" (1219 mm)

Maximum Panel Height: 72" (1829 mm)

Maximum System Pressure: 5" w.g. for 12" (305 mm) wide damper **Leakage:** Does not exceed 10 CFM/ft² (50.8 L/s/m²) against 4" w.g (1 kPa) differential static pressure at -40° F

Linkage: Concealed in frame

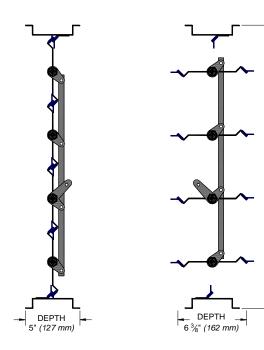
Standard Finish: Mill galvanized

Standard Motor Installation: Side shaft direct drive (extendable up to 8")

Temperature Range: -40°F to +180°F (-40C to +82C)

AVAILABLE ACCESSORIES

- Factory supplied actuators
- Stainless Steel axle bearings
- Jack Shafts
- Hand Quadrants
- Chain Operator for manual operation, spring closed



| REF.# | QTY. | DUCT WIDTH | DUCT HEIGHT | PB/OB | FRAME | ACCESSORIES |
|-------|------|---------------|----------------|-------|-------|-------------|
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*DAMPER WILL BE MANUFACTURED A MINIMUM OF 1/4" (6 mm) SMALLER THAN GIVEN DUCT DIMENSIONS, UNLESS OTHERWISE SPECIFIED.

| PROJECT NAME: | ENGINEER: | |
|---------------|-----------------|--|
| CONTRACTOR: | SUBMITTAL DATE: | |

Dwg. 4100-1 September 2016

DUCT HEIGHT