

Application

The EXD-645-CM combination louver features stationary drainable louver blades to protect against water penetration and an integral control damper to allow positive shutoff protection of air intake and exhaust openings. The EXD-645-CM closely reflects the available options and performance of the EXD-645, with the added benefit of a spring return actuator concealed within the louver sill.

Standard Construction

Material: Mill finish 6063-T5 extruded aluminum.

Frame: 6" deep x 0.081" thick (152 x 2) channel.

Blades: 37.5° and 45° x 0.081" (2) thick combination style.

Screen: 1/2" x 0.063" (12.7 x 1.6) expanded and flattened aluminum.

Axles: 1/2" (13) diameter plated steel hex.

Linkage: Concealed in frame.

Actuator: 2-Position spring return, AC universal power (24V, 120V, 240V).

Bearings: Synthetic.

Minimum Size: 12" x 15" (304 x 381)

Maximum Size: Single section:
 48" x 96" (1219 x 2436)
 Multiple section: Unlimited

Options

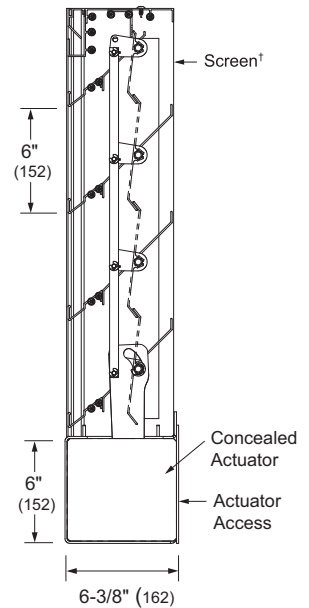
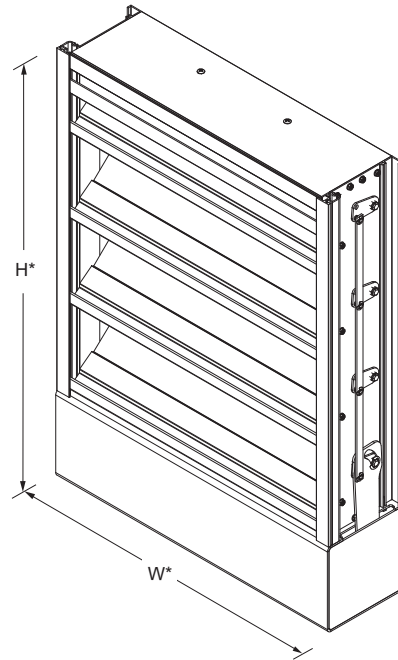
- Factory finish:
 - High Performance Fluoropolymer - 100% resin Newlar®/ 70% resin Kynar®
 - Baked Enamel
 - Clear or Color Anodized, Class 1
 - Prime Coat
- Flange Frame:
 - 1 1/2" (38) flange
 - Custom-size flange
 - Stucco flange
 - Glazing frame
- Actuator access:
 - Interior (default) Exterior
- Auxiliary position indication switches.
- Alternate bird or insect screens.
- Filter racks.
- Head and/or sill flashing.
- Low leakage seals: PVC blade edge and flexible metal jamb.
- Power closed, spring open (spring closed is default).
- Insulated blank-off panels (does not cover sill).
- Non-insulated blank-off panels (does not cover sill).
- Installation hardware:
 - Clip angles Continuous angles

Ratings

Design Load: 30 psf

Operation

Operating Temperature Range: -20°F to +180°F (-7°C to +82°C)

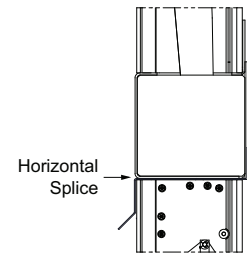


Model **EXD-645-CM**
 (standard)

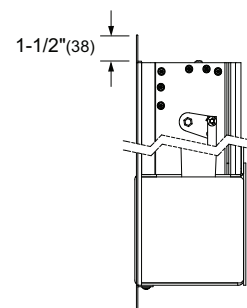
*Louver dimensions furnished approximately 1/2" (13) undersize.

Vertical Section

†Screen adds approximately 3/16" (5) to louver depth.



Horizontal Mullion
 (standard)



Flange Frame
 (optional)