

Application

The EX-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 EX-645-CM closely reflects the available options and performance of the EX-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

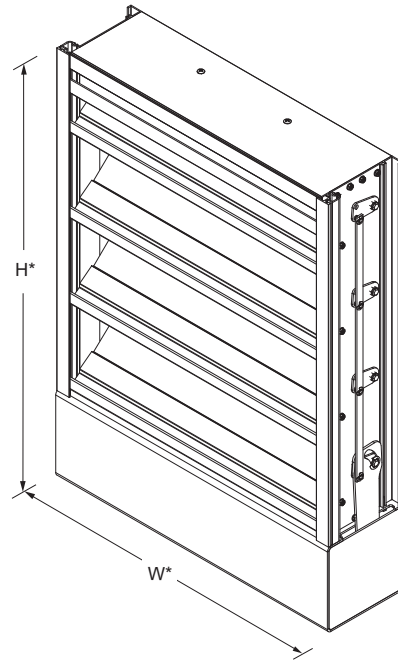
- ☐ Factory finish:
 - ☐ High Performance Fluoropolymer - 100% resin Newlar®/ 70% resin Kynar®
 - ☐ Baked Enamel
 - ☐ Clear or Color Anodized, Class 1
 - ☐ Prime Coat
- ☐ Flange Frame:
 - ☐ 1 1/2" (38) flange
 - ☐ Custom-size flange
 - ☐ Stucco flange
 - ☐ Glazing frame
- ☐ Actuator access:
 - ☐ Interior (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

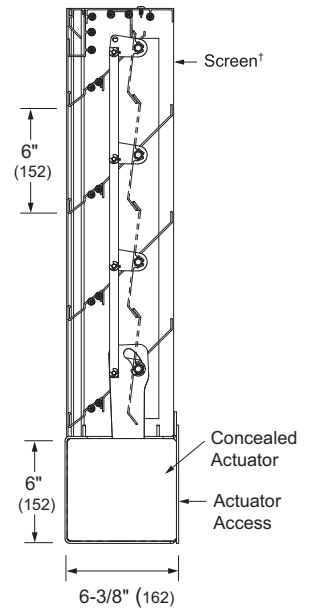
Operation

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



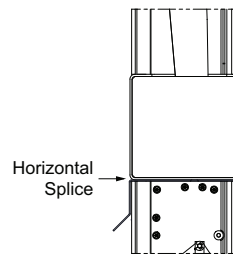
Model **EX-645-CM**
(standard)

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

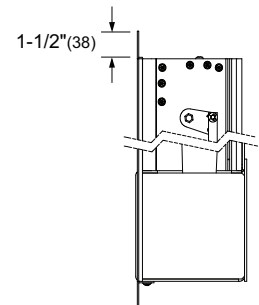


Vertical Section

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



Horizontal Mullion
(standard)



Flange Frame
(optional)