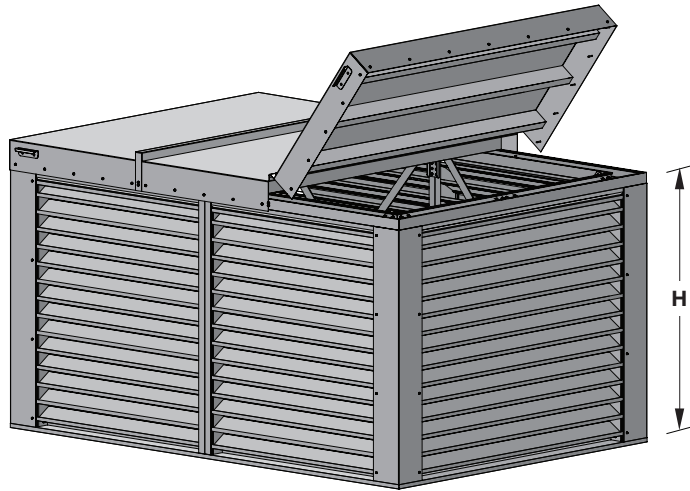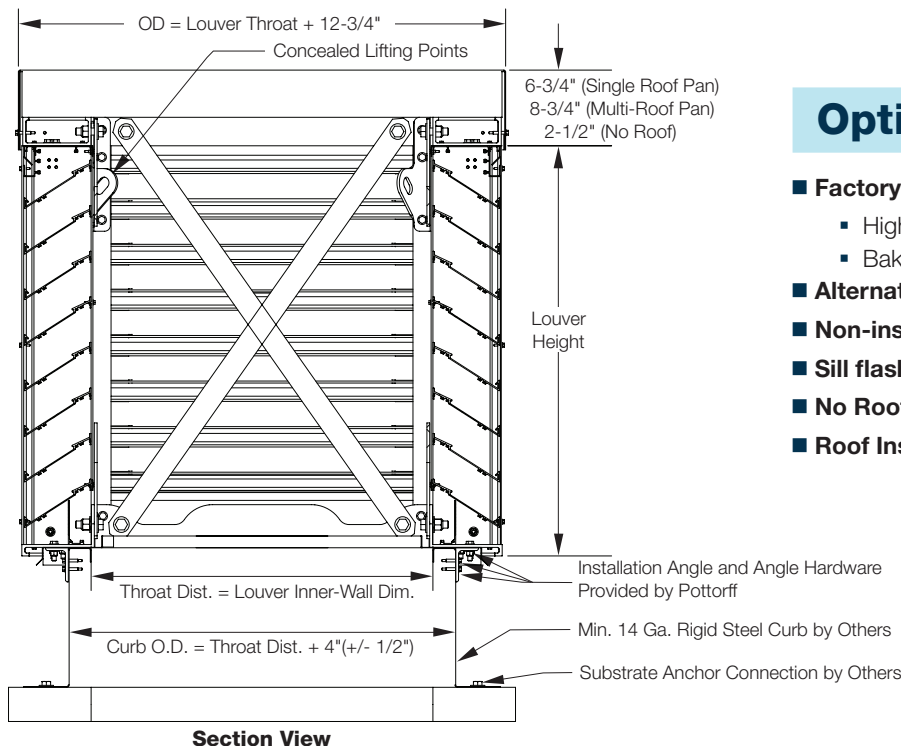# ALL-LITE

EFD-635-XD-PH
Extruded Aluminum Penthouse
6" deep • 35° Drainable Blade

EFD-635-XD-PH
(standard)

Recommended Sizing: (For optimal performance, Throat 1 and Throat 2 should be ≥ Louver Height × 2)

OD = Louver Throat + 12-3/4"

Concealed Lifting Points

6-3/4" (Single Roof Pan)
8-3/4" (Multi-Roof Pan)
2-1/2" (No Roof)

Louver Height

Throat Dist. = Louver Inner-Wall Dim.

Installation Angle and Angle Hardware Provided by Pottorff

Curb O.D. = Throat Dist. + 4"(+/- 1/2")

Min. 14 Ga. Rigid Steel Curb by Others

Substrate Anchor Connection by Others

Section View

The EFD-635-XD-PH extruded aluminum penthouse is designed for intake and exhaust applications and can serve also as a gravity ventilator, fan discharge cap, fresh air intake cap, sight shield, pressure relief ventilator and also a general guard for vulnerable equipment. The EFD-635-XD-PH is designed to withstand extreme loads, debris impact, and cyclic fatigue associated with severe weather.

Standard Construction

Material: Mill finish 6063-T5 extruded aluminum

Frame: 6" deep × 0.125" thick (152 × 3.2) channel

Blades: 35° × 0.081" (2) thick drainable style

Corner: Boxed

Roof: 0.081" (2) thick formed aluminum with anti-condensate under coating

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

Mullion: Visible

Minimum Size: 12" × 12" (305 × 305) throat, 12" (305) louver height

Maximum Size: Factory assembled: 48" × 48" (1219 × 1219) throat × 60" (1524) louver height
Field erected: 84" × 108" (2134 × 2743) throat
Maximum louver height: 84" (2134)

Design Load: 115 psf (5.5 kPa)
Large Missile Impact: 80 fps (24.4 mps)
Independently tested in accordance with TAS 201, 202, & 203

Options

- **Factory finish:**
  - High Performance Fluoropolymer
  - Baked Enamel   • Prime Coat
- **Alternate bird or insect screens**
- **Non-insulated blank-off panels**
- **Sill flashing**
- **No Roof**
- **Roof Insulation**

5 year warranty

NOTE: Dimensions in parentheses ( ) are millimeters.
Information is subject to change without notice or obligation.