

Side 1

Side 2

ECV-645-PH
(standard)

The ECV-645-PH extruded aluminum penthouse is designed for intake and exhaust applications and includes wind-driven rain resistant louvers to minimize water penetration. The ECV-645-PH can serve as a gravity ventilator, fan discharge cap, fresh air intake cap, sight shield, or pressure relief ventilator.

Standard Construction

- Material:** Mill finish 6063-T5 extruded aluminum
- Frame:** 6" deep \times 0.081" thick (152 \times 2) channel
- Blades:** 45° \times 0.081" (2) vertical Chevron
- Corner:** Boxed
- Roof:** 0.081" (2) thick formed aluminum with anti-condensate under coating
- Screen:** 1/2" \times 0.063" (12.7 \times 1.6) expanded and flattened aluminum
- Mullion:** Visible
- Sill Flashing:** Open end
- Minimum Size:** 12" \times 12" (305 \times 305), 12" (305) high
- Maximum Size:** Factory assembled: 48" \times 48" (1219 \times 1219)
Field erected: 96" \times 120" (2438 \times 3048)
Maximum height: 48" (1219)
- Design Load:** 25 psf

Options

- **Factory finish:**
 - High Performance Fluoropolymer
 - Prime Coat
 - Baked Enamel
 - Clear Anodize
 - Integral Color Anodize
- **Insulated or non-insulated blank-off panels**
- **Filter racks**
- **Hinged section (factory assembled units only)**
- **1/2" (13) rigid foam panel roof insulation**

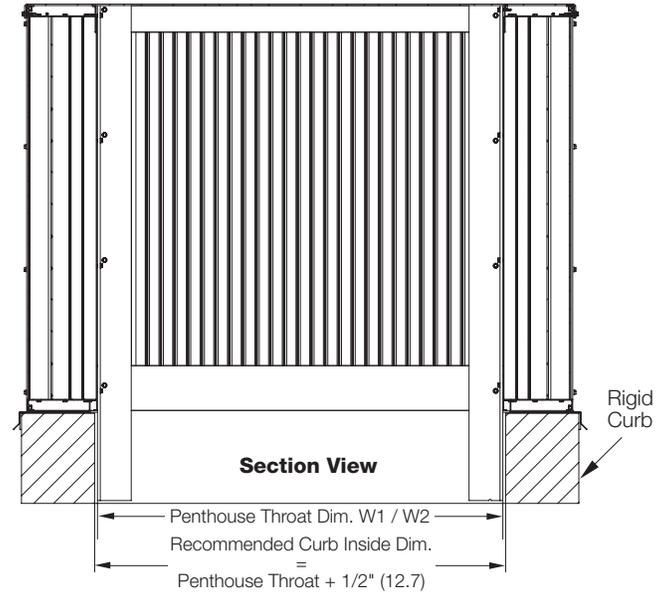
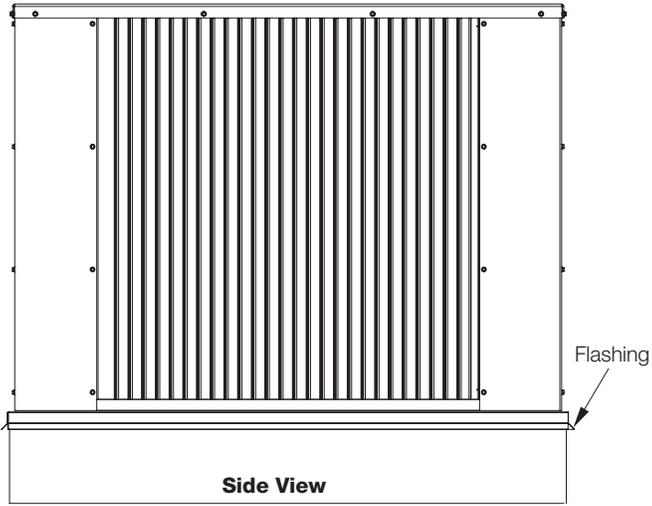
5 year
warranty

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

Attributes

ECV-645-PH

Extruded Aluminum Penthouse
6" deep • Vertical Blade



Recommended Sizing: (For optimum performance W1 and W2 should be $\geq H \times 2$)