

PHB-HW

Boxed Corner Penthouse

Miami Dade Approval, Miami-Dade County,
Notice Of Acceptance #23-0406.02 (Expiration 04/26/2028)
Florida Product Approval #FL21829.8



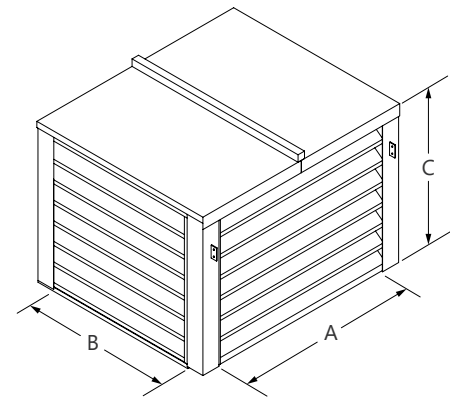
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APPLICATION

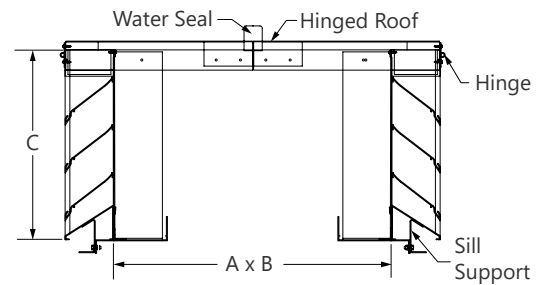
The PHB-HW is a boxed corner penthouse with Miami-Dade and Florida Product Approval. Designed for impact resistance and approved for use in open structures with easy access and installation.

STANDARD CONSTRUCTION

Louver Frame	6063T6 extruded aluminum 6" (152) deep .125" (3) nominal wall thickness. See louver specification sheet for louver construction details.
Louver Blade	6063T6 extruded aluminum 0.08" (2.0) nominal wall thickness. Drainable blades are positioned at 37 1/2° angle and spaced approximately 5 29/32" (150) center to center.
Roof	.080" (2) formed aluminum with continuous aluminum hinges.
Louver Blade Support	6" (152) as required. Units 28" x 28" (711 x 711) and smaller will be supplied without supports.
Boxed Corner Flashing	.080" (2) thick formed aluminum, mechanically fastened to louver frames.
Screen	5/8" x .040" (16 x 1) expanded, flattened aluminum bird screen in removable frame. Screen adds approximately 1/2" (13) to louver depth.
Finish	Mill.
Sill	.125" (3) thick formed aluminum, extends approx. 6 1/2" (165) beyond rear of louver. Units 28" x 28" (711 x 711) and smaller will extend roughly 3 1/2" (89).
Minimum Inside Curb (Throat) Size	12" wide x 12" long (304 x 304)
Maximum Inside Curb (Throat) Size	96" wide x 84" long (2438 x 2134)
Minimum Height	12" (305)
Maximum Height	84" (2134)
Approximate Shipping Weight	12 lbs. per sq. ft. of louver.
Lifting Lugs	3/8" (10) thick aluminum, 4 per unit on louvers exceeding 48" wide x 60" tall.



Isometric view



Section View

FEATURES

- Impact resistant
- Maximum windload ± 110 psf (5.27 kPa)
- Tested in TAS-201, 202, and 203 test protocols
- Approved for use in open structures with provisions to manage weather infiltration
- Front installation, no cable tie-downs required
- Hinged roof for easy internal access
- No rafters required, increasing internal capacity and accessibility
- Miami Dade NOA #23-0406.02 (Expiration 04/26/2028)

VARIATIONS

Variations to the basic design of this penthouse are available at additional cost. They include:

- A variety of finishes (baked enamel (modified fluoropolymer), BE SMP & 70% PVDF, anodize, epoxy, Pearledize)
- A selection of bird and insect screens



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