



PERSONNEL DOOR CANOPIES

Metallic Products keeps you covered with personnel door canopies. Make sure you have economical and attractive overhead protection from the elements with our canopies. This product is specifically designed to withstand the elements.

For installation instructions, please visit mpvent.com/products/canopies

DESIGN SPECIFICATIONS

WIND SPEED	140 mph
SNOW LOAD	4' projection 34 psf 5' projection 26 psf (100 psf available upon request)

- Exposure category, 'B'; Importance factor, I = 1.0
- Topographic factor, K_{zt} = 1.0
- Wind directionality, k_d = 0.85
- Elevation of canopy no more than 30' above ground

CONSTRUCTION

- Economical and attractive overhead protection from the elements
- Specifically designed for high wind load and heavy snow load areas
- 24-gauge flat soffit and integral gutter with rear-mounted drains
- 16-gauge galvanized internal frame
- 18-gauge telescoping support channels mount behind wall panel between girts, mounting clips and fasteners included
- ½" or ¾" galvanized pipe hangers with adjustable rod ends

SIZES

- Standard sizes for single door (4'6" x 4') and double door (7'6" x 4'). Also available in 3' and 5' projections
- Custom lengths between 4' and 10' available upon request
- Can be mulled together for continuous run applications

FINISHES

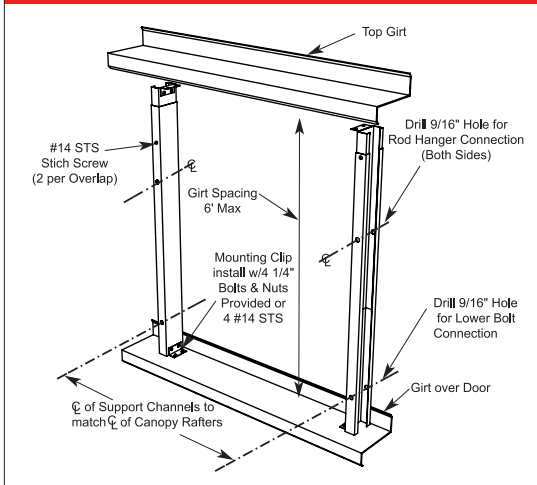
- Galvalume steel
- All standard metal building colors available in silicone polyester, Kynar® and powder coated finishes
- Custom color matching
- Single color or two tone (contrasting gutter / fascia and soffit)

OPTIONS

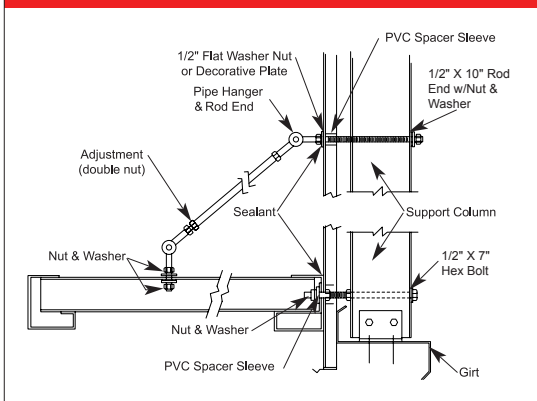
- Masonry mount (anchors by others)
- Decorative wall accents
- Front mounted drains
- 100 psf snow load

CANOPY ERECTION INSTRUCTIONS

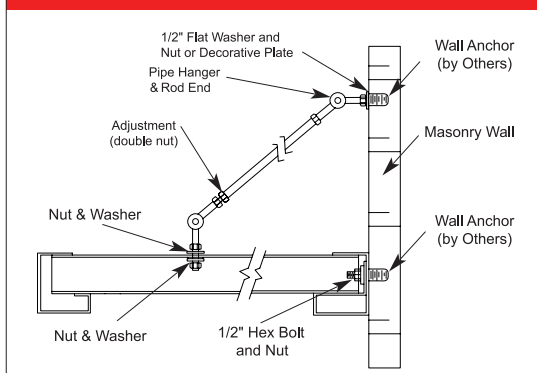
SUPPORT COLUMNS INSTALL



METAL WALL INSTALL



MASONRY WALL INSTALL



METAL PANEL APPLICATIONS

Note: Additional support columns and pipe hangers may be required for larger canopies and/or higher wind loads.

STEP 1: Install Vertical Support Columns

Note: Install vertical support columns to girt framing. (Girt spacing max 6'0")

1.a—Center canopy over door. If necessary, shift canopy toward door knob so that pipe hangers penetrate in the high or low areas of panel. When the canopy is positioned at the desired location match drill 9/16" holes through pre-drilled canopy angle holes. (These holes are aligned with the center of the zee rafter holes used for the pipe hangers at the wall attachment angle of the canopy.)

1.b—Align centerline of support columns with 9/16" holes drilled in **step 1.a** and centerline of zee rafters on canopy between girts. Make sure support columns are perpendicular to top and bottom girt. Attach mounting clips to each end of telescoping support columns with (2) 1/4" x 3/4" bolts and nuts per clip. Slide adjust columns to proper length in order to fit between girts (6 ft. maximum). Secure columns to girts with (2) 1/4" x 3/4" bolts and nuts per clip.

STEP 2: Install Lower Support Bolts

2.a—Match drill through previously drilled holes in wall panel through centerline of support columns.

2.b—With canopy repositioned and matching holes in canopy and wall panel aligned, attach canopy to wall panel and support column using 1/2" x 6" bolt with washer. (Use PVC spacer sleeve if hole in wall panel is in low area of panel.) (Typical each side.)
Note: Before tightening bolts, apply sealant at penetration points.

STEP 3: Attach Pipe Hangers to Canopy

3.a—Thread 1/2" nut on the short rod end, slide on 1/2" washer and insert into hole on top of canopy rafter. Secure with 1/2" nuts and washers on underside of rafter. (Typical for each pipe hanger Assy.)

STEP 4: Attach Pipe Hangers to Wall

4.a—Locate the elevation at the point where long rod end will penetrate the wall. Drill 9/16" hole through panel and support columns. Thread 1/2" nut on long rod end and slide on 1/2" washer. Insert long rod through wall panel and support columns. Secure at support column with 1/2" nuts and washers.
Note: Before tightening bolts, apply sealant at penetration points.

STEP 5: Adjust Pitch of Canopy

5.a—Adjust pipe hanger yoke ends, and/or short rod end at rafter, so the canopy slopes back toward wall 1/2" to 1" (for rear mounted drains).

MASONRY APPLICATIONS

Note: Additional support columns and pipe hangers may be required for larger canopies and/or higher wind loads.

STEP 1: Install Lower Support Bolts

1.a—Center canopy over door. Mark well at locations where pre-attached canopy rafter angle holes meet wall.

1.b—Drill holes in masonry and install wall anchors sized to accept 1/2" bolts and appropriate design for masonry type. **Note:** wall anchors by others.

1.c—Insert 1/2" x 3" bolt with washer through canopy angle and into wall anchor.

STEP 2: Attach Pipe Hangers to Canopy

2.a—Thread 1/2" nut on one end of the pipe hanger rod end, slide on 1/2" washer and insert into hole on top of canopy rafter.

2.b—Secure with 1/2" nuts and washers on underside of rafter.

STEP 3: Attach Pipe Hangers to Wall

3.a—Locate elevation at the point where opposite rod end will penetrate the wall.

3.b—Drill holes in masonry and install wall anchors sized to accept 1/2" bolts and appropriate design for masonry.

3.c—Thread rod end into wall anchor. appropriate design for masonry.

3.d—Attach rod end to pipe hanger with clevis pin.

STEP 4: Adjust Pitch of Canopy

4.a—Adjust pipe hanger yoke ends, and/or short rod end at rafter, so the canopy slopes back toward wall 1/2" to 1" (for rear mounted drains).