

FRAME JOINING KITS



Permits joining two enclosure frames while maintaining an environmental seal.

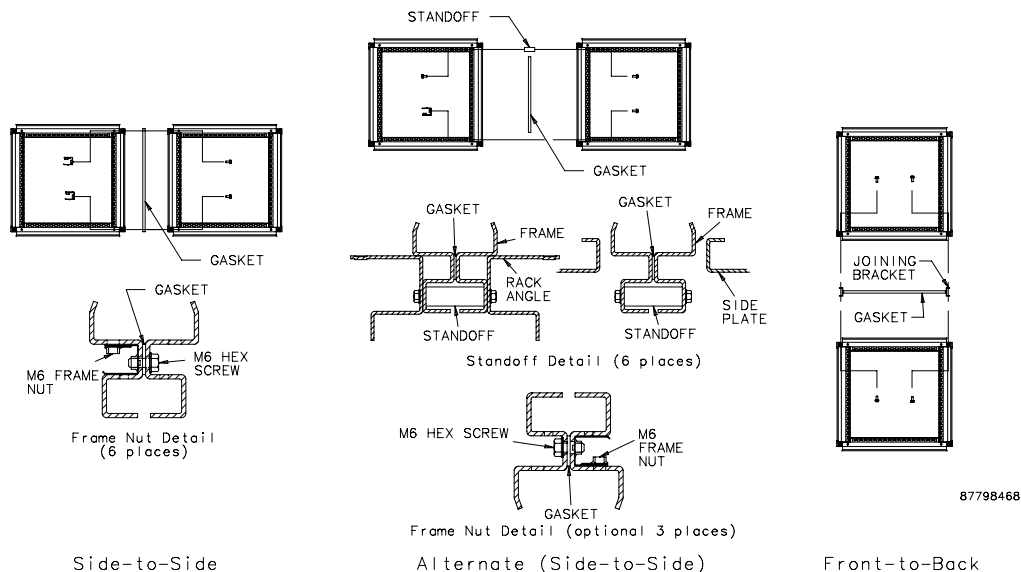
Side-to-Side Joining Kit consists of six frame nuts and screws, as well as gasket material to maintain a dust-tight and water-tight seal between ganged frames. Can be used if rack angles are not in the front or rearmost positions or if a subpanel is not in the rearmost position.

Alternate Joining Kit consists of three standoffs, six frame nuts and screws, as well as gasket material. This kit facilitates frame joining when rack angles are in the front or rearmost position, or if a subpanel is in the rearmost position.

Front-to-Back Joining Kit permits front-to-back joining of two single-bay enclosures. This kit does not fit 1200-mm or 1600-mm wide frames.

BULLETIN: P20, P20EM

| Catalog Number | Description |
|----------------|--|
| PJ2F | Standard Frame Joining, Side-to-Side |
| PJ2FD | Standard Frame Joining, Side-to-Side, Non-gasketed |
| PJ2FHF2 | EMC Standard Frame Joining, Side-to-Side |
| PJ2FF | Alternate Frame Joining, Side-to-Side |
| PJ2FBF | Frame Joining, Front-to-Back |



L JOINING BRACKET



The L Joining Bracket, made of 10 gauge steel, is used in conjunction with the standard joining kit as additional support. Pictured hardware is included.

BULLETIN: P20

| Catalog Number | Description |
|----------------|-------------------|
| PJB2F | L Joining Bracket |

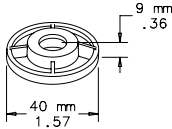
FRAME FEET



Four die-cast feet for use on the bottom of ProLine frames that raise the frame 9 mm.

BULLETIN: P20

| Catalog Number | Description |
|----------------|-------------|
| PFFM12 | Frame Feet |



87798469

TOOL-LESS (SNAP-IN) BLANKING PANELS FOR 19-IN. RACKS



These Tool-less 19-in. Blanking Panels provide easy tool-less installation and ensure proper airflow to equipment. Made of UL approved thermal plastic material with a low-gloss textured black finish. May be used with tapped or square EIA universal spaced rack mounting angles.

BULLETIN: DACCY

| Catalog Number | Description | Rack Units | Fits | Pkg. Qty. |
|----------------|------------------------|------------|--|-----------|
| D19BPT1RU | Blanking Panel, 19 in. | 1 | 19 in., universal rack spacing, tapped or square holes | 10 |
| D19BPT2RU | Blanking Panel, 19 in. | 2 | 19 in., universal rack spacing, tapped or square holes | 10 |

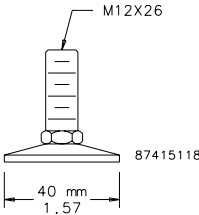
LEVELERS



Four post-type levelers allow adjustment for uneven floors. Levelers can be attached to the bottom of a frame or to a 0-mm solid base. Levelers are plated and the leveler base is capped with plastic to provide resistance to marring. Adjustable for 17-mm to 35-mm height. Ball and socket construction. Four levelers will support a maximum of 453.6 kg (1000 lbs.).

BULLETIN: P20

| Catalog Number | Description |
|----------------|--------------------|
| PLM12 | Post-type Levelers |



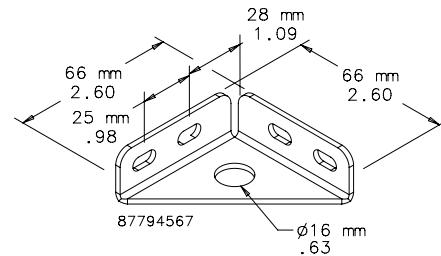
FRAME FLOOR-MOUNTING BRACKET



Provides a structural method of bolting a PROLINE frame to the floor. Fits all frame sizes. Made of 12 gauge steel with plated finish. Kit includes four brackets and mounting hardware.
Not for use on colocation frames, which include welded-in floor mounting brackets.

BULLETIN: DPY

| Catalog Number | Description |
|----------------|--------------------------------------|
| PFBK | PROLINE Frame Floor-Mounting Bracket |



GROUNDING BAR SYSTEM



INDUSTRY STANDARDS

UL Component Recognized; File No. E61997

APPLICATION

Three sizes of grounding bars and insulated mounting brackets are available. Bars are plated copper with M6 and M5 tapped holes to provide a common point for grounding equipment. Fits all enclosures if mounted vertically. See table for horizontal mounting.

BULLETIN: P20

| Catalog Number | Description | Length mm/in. | Number of Holes and Screws M6 | Number of Holes and Screws M5 |
|----------------|---|---------------|-------------------------------|-------------------------------|
| PGS2K | Fits 400-mm deep frame front-to-back horizontally | 200 7.87 | 3/5 | 10/10 |
| PGS4K | Fits 600-mm deep frame front-to-back horizontally | 400 15.75 | 9/11 | 20/20 |
| PGS6K | Fits 800-mm deep frame front-to-back horizontally | 600 23.62 | 15/17 | 30/31 |

PROLINE GROUNDING KIT



The Grounding Kit allows a ProLine or ProLine G2 enclosure to be grounded to VDE specifications. Includes six 12-gauge wires 411 mm (16.19) long with ring terminations and M6 mounting hardware.

BULLETIN: P20

| Catalog Number | Wire Size | Length Between Ring Terminals mm/in. | Ring Terminal Hole Diameter mm/in. |
|----------------|-----------|--------------------------------------|------------------------------------|
| PGK | 12 ga. | 411 16.19 | 7 .29 |

CASTER KIT



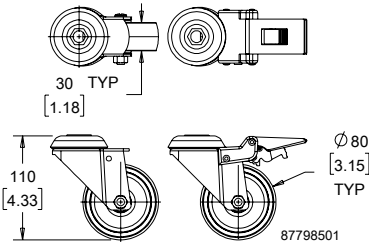
A set of four casters (two locking, two non-locking) that mount directly to the bottom of a ProLine frame, 0-mm or 100-mm Solid Base or a Console. **(Do not use on plinth bases.)** Casters elevate the enclosure 110 mm (4.33) when installed. Caster frames are plated steel with ball-bearing pivots. Caster wheels are made of a black polyamide material. Kit includes M12 mounting hardware.

Casters Maximum Load: 1000 lb. (453 kg)

NOTE: Casters are designed for moving the cabinet short distances within the building interior space. They are not intended for transportation or shipping. When transporting the cabinet by carrier, the shipping pallet must extend to the frame of the cabinet and at no time should the caster support any load during the shipping process. Casters must have smooth, flat, hard surfaces to move upon. Floors with cracks, seams, debris, inclines, and declines are to be avoided. Great care must always be observed when moving cabinets to avoid tipping. Casters are not designed for exterior surfaces, asphalt, gravel, and other soft surfaces. Contact nVent HOFFMAN for additional details.

BULLETIN: P20

| Catalog Number | Description |
|----------------|------------------|
| PC1M12 | Set of 4 Casters |



SCREW PACKAGES



Screw Packages are for mounting rack panels and equipment to rack angles.

BULLETIN: A80, DACCY

| Catalog Number | Description | Color | Pkg. Qty. |
|----------------|--|--------|-----------|
| ES1224 | 12-24 x 5/8 in. combo head | Plated | 20 |
| ES1224250 | 12-24 x 5/8 in. combo head | Plated | 250 |
| ES1224B | 12-24 x 5/8 in. combo head | Black | 20 |
| ES1224B250 | 12-24 x 5/8 in. combo head | Black | 250 |
| ASM5 | M5 x 20 mm combo Head | Plated | 20 |
| ASM6 | M6 x 16 mm combo head | Plated | 20 |
| ASM5T | M5 x 12 mm thread-forming Phillips hex head screws | Plated | 20 |
| ASM6250 | M6 x 16 mm combo head | Plated | 250 |
| AS1032 | 10-32 x 5/8 in. combo head | Plated | 20 |
| AS1032250 | 10-32 x 5/8 in. combo head | Plated | 250 |
| AS1032B | 10-32 x 5/8 in. combo head | Black | 20 |

Use ASM5T on ProLine frame or ProLine S1 extruded holes.

CAGE NUT PACKAGE

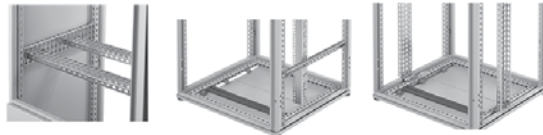


Cage Nut Packages are for use with square-hole rack angles. Cage nuts are plated steel.

BULLETIN: DACCY

| Catalog Number | Description | Pkg. Qty. |
|----------------|----------------|-----------|
| PM5CN | M5 cage nut | 20 |
| PM6CN | M6 cage nut | 20 |
| PM6CN250 | M6 cage nut | 250 |
| P1032CN | 10-32 cage nut | 20 |
| P1032CN250 | 10-32 cage nut | 250 |
| P1224CN | 12-24 cage nut | 20 |
| P1224CN250 | 12-24 cage nut | 250 |

MOUNTING CHANNEL



Side-to-Side

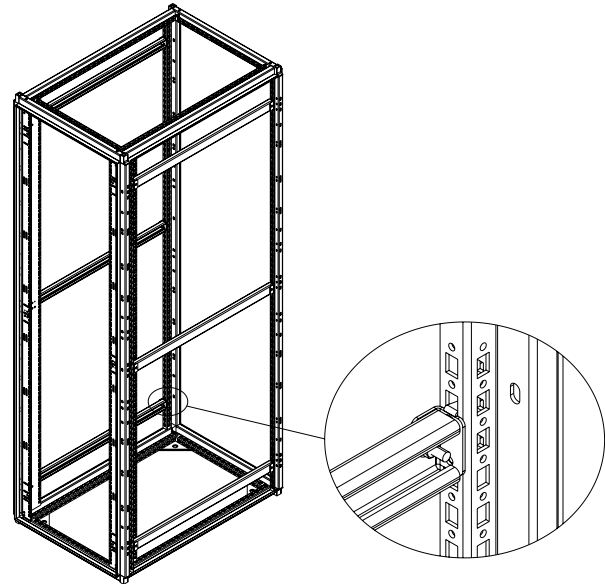
Vertical and
Horizontal

Full Height

Allows rack angles and other accessories to be positioned at any depth within the cabinet. Rails mount front to back in PROLINE frame. 14 gauge steel with RAL 9005 black polyester powder paint finish. Includes two rails, mounting hardware and four M6 spring nuts for mounting accessories. Use hardware kit APSM6CN (package of 20 screws, washers and spring nuts) for mounting additional rack angles or other accessories to the mounting channels.

BULLETIN: DPY

| Catalog Number | Description | Fits Frame Depth |
|----------------|-------------------------------|------------------|
| PMU8B | Mounting Channel | 800 |
| PMU9B | Mounting Channel | 900 |
| PMU10B | Mounting Channel | 1000 |
| PMU11B | Mounting Channel | 1100 |
| PMU12B | Mounting Channel | 1200 |
| APSM6CN | Mounting Channel Hardware Kit | — |



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FRAME-REDUCING BRACKETS FOR FRAMES OR MOUNTING CHANNEL

Frame-reducing brackets mount directly to 700-mm or 800-mm wide PROLINE frames or to mounting channel. Convert wider frames to 600-mm wide, allowing 19-in. rack angles to fit, or to 700-mm wide, allowing 23-in. rack angles to fit. Can be used to left- or right-justify the rack-mounted equipment. Made of 14 gauge steel painted with flat-black RAL 9005 polyester powder. Furnished in sets of four. Mounting hardware is included.

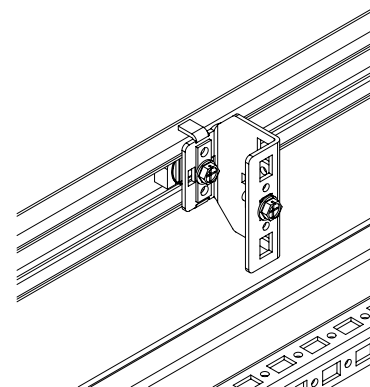
BULLETIN: DPY

| Catalog Number | Reduces Frame Width | W (mm) | W (in.) | Converts Frame Width |
|----------------|---------------------|--------|---------|---|
| PMURB50 | 50 | 50 | 1.97 | From 700 to 600, From 800 to 700 |
| PMURB100 | 100 | 100 | 3.94 | From 800 to 600, From 800 to 700, From 700 to 600 |

Frame Reducing Bracket Selection Guide

| PROLINE Frame Width | Setting 19 in. Centered | Setting 19 in. Left or Right | Setting 23 in. Centered |
|---------------------------------|-------------------------|------------------------------|-------------------------|
| 600 mm (23.60) | No reducing brackets | No reducing brackets | — |
| 700 mm (27.60) with grid straps | PRB50 | PRB 100 | No reducing brackets |

| PROLINE Frame Width | Setting 19 in. Centered | Setting 19 in. Left or Right | Setting 23 in. Centered |
|--------------------------------------|-------------------------|------------------------------|-------------------------|
| 700 mm (27.60) with mounting channel | PMURB50 | PMURB100 | No reducing brackets |
| 800 mm (31.50) with grid straps | PRB100 | PRB200 | PRB50 |
| 800 mm (31.50) with mounting channel | PMURB100 | — | PMURB50 |



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PROLINE SIDE BARRIER PANELS

Side barriers are used between frames to block airflow and provide security between ganged PROLINE cabinets. Barriers fasten to one frame and allow fasteners to secure adjoining frames. All hardware is provided. Finished with RAL 9005 black polyester powder paint.

BULLETIN: DPY

| Catalog Number | AxBxC in./mm | Fits Frame Depth |
|----------------|--|------------------|
| PB209B | 76.34 x 33.59 x 1.00 1939 x 853 x 25 | 900 |
| PB2010B | 76.34 x 37.52 x 1.00 1939 x 953 x 25 | 1000 |
| PB2011B | 76.34 x 41.46 x 1.00 1939 x 1053 x 25 | 1100 |
| PB2012B | 76.34 x 45.40 x 1.00 1939 x 1153 x 25 | 1200 |

19-IN. AND 23-IN. RACK ANGLES

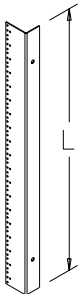


Made of 14 gauge steel with square holes or 12 gauge steel with 10-32 tapped holes. Provides 19-in. rack spacing when mounted in 600-mm wide frames, and 23-in. rack spacing when mounted in 700-mm wide frames. Use with frame reducing brackets to provide 19-in. or 23-in. spacing in 700-mm or 800-mm wide frames. Sizes available for multi-compartment colocation applications. Finish is black RAL 9005 polyester powder paint with flat finish. Furnished in pairs. The standard rack angle position is 44 mm behind the door opening.

Rack angles can be moved forward if desired. Deeper positions require the use of grid straps or mounting channels. For joining cabinets with rack angles in the full forward position, use Joining Kit PJ2FF. Shelves, drawer, guides and pull-out shelves require two sets of rack angles or frame accessory brackets installed in the frame.

For 700- and 800-mm wide cabinets, reducer or cable manager must be ordered.

BULLETIN: DPC



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| Catalog Number | Hole Type | Description (in.) | Use With | Fits Frame/Cabinet Height (mm) | Rack Units | Length (mm) | Length (in.) |
|----------------|-----------|-------------------|-----------------------------|--------------------------------|------------|-------------|--------------|
| PRA1912THL1 | Square | 19 | PROLINE Networking Packages | 1200 | 24 | 1091 | 42.97 |
| PRA1916TPL1 | Tapped | 19 | PROLINE Networking Packages | 1600 | 33 | 1491 | 58.72 |
| PRA1918THL1 | Square | 19 | PROLINE Networking Packages | 1800 | 38 | 1691 | 66.59 |
| PRA1918TPL1 | Tapped | 19 | PROLINE Networking Packages | 1800 | 38 | 1691 | 66.59 |
| PRA1920THL1 | Square | 19 | PROLINE Networking Packages | 2000 | 42 | 1892 | 74.47 |
| PRA1920TPL1 | Tapped | 19 | PROLINE Networking Packages | 2000 | 42 | 1892 | 74.47 |
| PRA192320THL1 | Square | 19 & 23 | PROLINE Networking Packages | 2000 | 42 | 1892 | 74.47 |
| PRA1921TPL1 | Tapped | 19 | PROLINE Networking Packages | 2100 | 45 | 2041 | 80.37 |
| PRA1921THL1 | Square | 19 | PROLINE Networking Packages | 2100 | 45 | 2041 | 80.37 |
| PRA1922THL1 | Square | 19 | PROLINE Networking Packages | 2200 | 47 | 2091 | 82.34 |
| PRA1922TPL1 | Tapped | 19 | PROLINE Networking Packages | 2200 | 47 | 2091 | 82.34 |
| PRA192322THL1 | Square | 19 & 23 | PROLINE Networking Packages | 2200 | 47 | 2091 | 82.34 |
| PRA1924TPL1 | Tapped | 19 | PROLINE Networking Packages | 2400 | 51 | 2291 | 90.21 |
| PRA1924THL1 | Square | 19 | PROLINE Networking Packages | 2400 | 51 | 2291 | 90.21 |

ADJUSTABLE RACK-MOUNTING RAILS

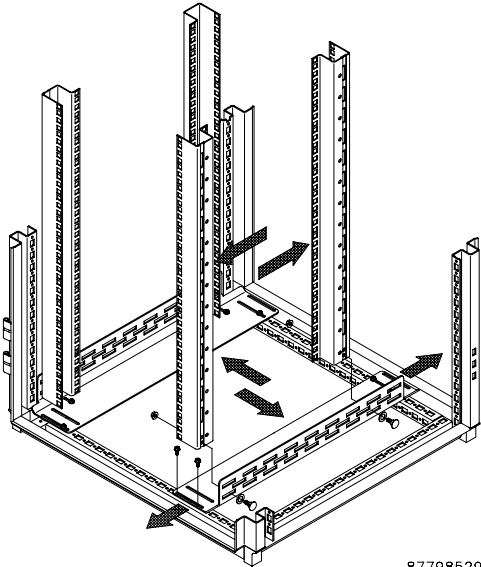


Mounting rails allow rack angles to be positioned anywhere within the PROLINE frame. The left-to-right adjustment pertains only when the enclosure is wider than the minimum width required for rack angles. Includes two right-hand and two left-hand 12 gauge plated or painted steel mounting rails. Mounting hardware is included.

BULLETIN: DPY, P20

| Catalog Number | L (mm) | L (in.) | Fits Frame Depth | Finish |
|----------------|--------|---------|------------------|------------------------|
| PBARA6 | 511 | 20.11 | 600 | Plated |
| PBARA8 | 711 | 27.98 | 800 | Plated |
| PBARA9 | 811 | 31.92 | 900 | Plated |
| PBARA9B | 811 | 31.92 | 900 | Painted RAL 9005 Black |
| PBARA10B | 911 | 35.86 | 1000 | Painted RAL 9005 Black |

| Catalog Number | L (mm) | L (in.) | Fits Frame Depth | Finish |
|----------------|--------|---------|------------------|------------------------|
| PBARA11B | 1011 | 39.79 | 1100 | Painted RAL 9005 Black |
| PBARA12B | 1111 | 43.73 | 1200 | Painted RAL 9005 Black |



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180-DEGREE HINGE KIT



Optional hinging for steel solid, window or disconnect doors. The 180-degree hinges provide a door opening up to 260-degrees on single-bay enclosures. These hinges mount to the door flange and have a low-profile appearance. The kit includes three hinges with textured black polyester powder paint and all necessary mounting hardware. Cannot be used on ProLine FloTek or ConnectTek front doors.

BULLETIN: P20

| Catalog Number | Description |
|----------------|----------------------|
| PH180 | 180-Degree Hinge Kit |

SIDE COVER LOCK



Fits in pre-punched hole to secure DataCom solid side from unauthorized entry.

BULLETIN: DPC

| Catalog Number | Description | Key Code |
|----------------|-------------------------------|----------|
| PSCLO | Side Cover Lock | 2233 |
| PSCLO3 | S1 Quarter-Turn, 3-Digit Lock | 333 |

FLUSH SWING HANDLES



Flush Handles are optional for any solid, window or disconnect door greater than 600mm in height, except Voice/Data and Colocation cabinets. They are ergonomically designed to provide style and function in a low profile. The handle is die-cast zinc finished with RAL 9005 textured black polyester powder paint. Provision to add your logo is included. Handle can be installed to rotate either clockwise or counterclockwise.

DIN LOCK INSERTS (FOR DIN PROFILE HANDLE ONLY)



The DIN profile keylock provides keylocking security for the Flush Swing Handle with DIN provision. Includes profile lock and two keys. Order one profile lock for each handle.
DIN Lock Kit for ProLine DataCom doors includes two locks keyed alike with one of 100 different key codes and two keys (master key available). *All DIN Lock Inserts are zinc die-cast.*

BULLETIN: DPY, P20

L HANDLE



Handle with Screwdriver Defeater

Enclosure security is provided by the integrated tool-to-open feature that releases the handle when rotated, allowing access to the enclosure.

Handle with Keylock

Keylock feature locks the handle to provide security for the enclosure. When the key is in the unlocked position, the pushbutton releases the handle to provide access to the enclosure. Two keys are furnished.

Handle for Padlock

Padlocking Handle provides security when using up to a 5/16-in. padlock shackle. Pushbutton releases the handle to provide access to the enclosure.

Handle with DIN Profile Provision

DIN Flush Handle is provided with the option to add your DIN profile lock or to accept nVent HOFFMAN DIN profile lock PDKL (order separately).

BULLETIN: P20

| Catalog Number | Description |
|----------------|----------------------------|
| PFHDF | Flush Handle with Defeater |
| PFHKBL | Keylocking Flush Handle |
| PFHPBL | Padlocking Flush Handle |
| PFHDBL | DIN Profile Flush Handle |

| Catalog Number | Description |
|----------------|--|
| PKOSLFH | Slotted insert profile cylinder |
| PKOTM7FH | 7-mm triangle insert profile cylinder |
| PKOSM7FH | 7-mm square insert profile cylinder |
| PKOTM8FH | 8-mm triangle insert profile cylinder |
| PKODBK3FH | Double-bit 3-mm insert profile cylinder |
| PDKL | DIN keylock, 2 keys included, key code 333 |
| PDKLRKPR | DIN Lock Kit for ProLine DataCom doors |

DIN profile inserts are used with DIN flush swing handles. One key is included (except for slotted insert).

The L Handle is a stylish option for any solid, window or disconnect door, except Voice/Data or Colocation cabinets. It can be installed to rotate either clockwise or counterclockwise. Handle comes with a bezel, includes keylocking provision and is finished with RAL 9005 textured black polyester powder paint. Two keys are included. The bezel permits your logo to be inserted.

BULLETIN: P20

| Catalog Number | Description |
|----------------|--|
| PLHK | L Handle with 2 keys and logo slot, key code 333 |

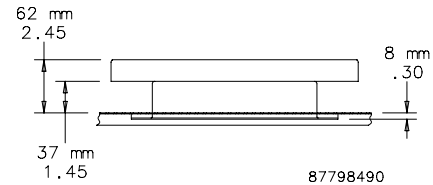
PAGODA EXHAUST VENTS



Pagoda Exhaust Vents can be field-installed on any PROLINE solid top. An axial fan and finger guard are mounted in a housing. A drip-proof raised cover is removable from inside the enclosure. Gasket and mounting hardware are included. Vent housing and raised cover are 14 gauge steel finished with RAL 7035 textured light-gray polyester powder paint.

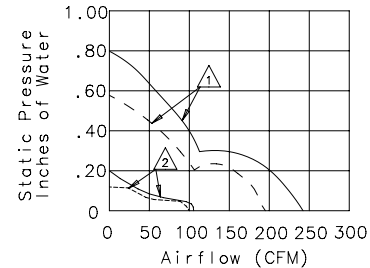
BULLETIN: DTHRM, P20

| Catalog Number | Description | Volts |
|----------------|-------------|-------|
| PPT1 | Leadwires | 115 |
| PPT1C | Power cord | 115 |
| PPT2 | Leadwires | 230 |



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Performance Curve: 6 in. Fans



(Curves represent fan performance only.)

△ FNGP, FN, FN2 models ——— 60 Hz
△ FNGQ models - - - - - 50 Hz

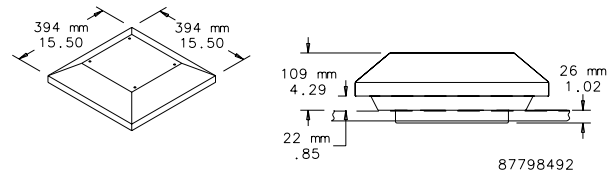
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HIGH-PERFORMANCE PAGODA EXHAUST VENT

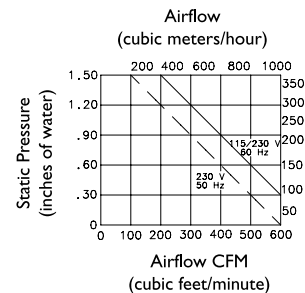


Vents fit on standard PROLINE top with vent cutout or can be field-installed on any PROLINE solid top. The Pagoda Vent features an integral centrifugal blower mounted in a housing that includes a drip-proof removable hood, wire mesh finger guard, perimeter gasket and terminal block. Electromagnetic-compatible (EMC) Pagoda Vents include a conductive screen, conductive gasket, line filter and 6-ft. power cord with stripped leads. Pagoda Vent housing and hood are rugged 16 gauge steel finished with RAL 7035 textured light-gray polyester powder paint. EMC vents are finished with paint over plated surfaces. Installation hardware is included.

BULLETIN: DTHRM, P20, P20EM



87798492



87798491

| Catalog Number | Description | Voltage | Full Load Amps | Use With |
|----------------|-------------|---------|----------------|--|
| PPTHP1 | Leadwires | 115 | 1.7 | Top with high-performance pagoda vent cutout |
| PPTHP1C | Power cord | 115 | 1.7 | Top with high-performance pagoda vent cutout |
| PPTHP1EMC | Power cord | 115 | 1.7 | Top with high-performance pagoda vent cutout on EMC enclosures |
| PPTHP2 | Leadwires | 230 | .9 | Top with high-performance pagoda vent cutout |
| PPTHP2EMC | Power cord | 230 | .9 | Top with high-performance pagoda vent cutout |

MOBILE BASE



Mobile Bases fit 600- and 800-mm wide frames. They extend beyond the front and rear of 600-mm cabinets to provide enhanced stability. Provides front extension only on 800-mm cabinets. Constructed of steel finished in RAL 9005 textured black polyester powder paint. The base fastens to the underside of the frame and provides integral mounting of furnished casters. The front and rear top surfaces of the base are trimmed with black rubber mats 3-mm thick.

Casters and mounting hardware are furnished.

Four non-locking casters provide a maximum load-bearing capacity of 1000 lb. (453.6 kg).

Exercise care when using casters to move the cabinet. Avoid tipping and damage to the cabinet and its contents by slowly moving the cabinet on its casters across smooth, flat flooring. Avoid:

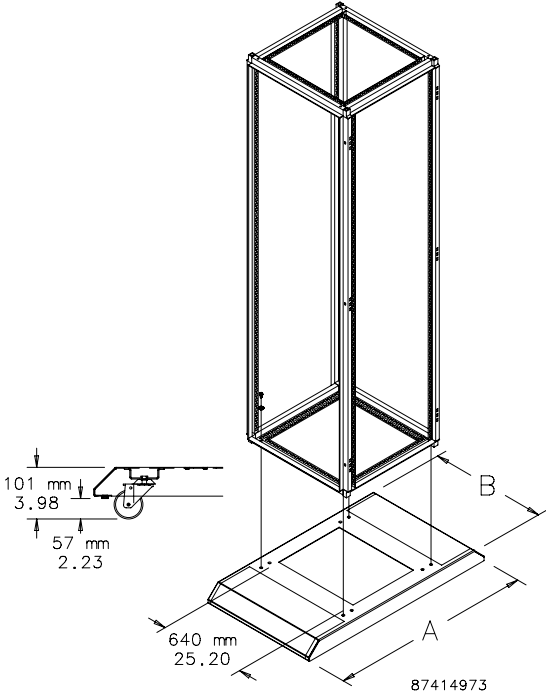
- large cracks
- floor displacement
- seams
- gravel
- any other obstruction

Never use casters while transporting a cabinet by truck on roadways.

Contact nVent HOFFMAN if further information is needed.

BULLETIN: P20

| Catalog Number | AxB in. | AxB mm | Fits Frame B x C (mm) |
|----------------|---------------|------------|-------------------------|
| PMB66 | 40.91 x 23.62 | 1039 x 600 | 600 x 500 and 600 x 600 |
| PMB69 | 52.72 x 23.62 | 1339 x 600 | 600 x 800 and 600 x 900 |
| PMB86 | 40.91 x 31.50 | 1039 x 800 | 800 x 500 and 800 x 600 |
| PMB89 | 52.72 x 31.50 | 1339 x 800 | 800 x 800 and 800 x 900 |



MOBILE BASE LEVELING KIT



Levelers mount in the outer corners of the Mobile Base, providing load-bearing capacity of 1000 lb. (453.6 kg).

BULLETIN: P20

| Catalog Number | Description | Use with |
|----------------|--------------------------|-------------|
| PMBLM12 | Mobile Base Leveling Kit | Mobile Base |