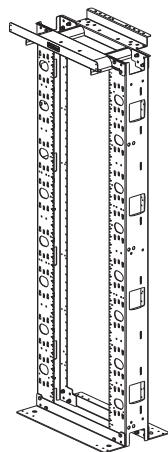


INSTRUCTIONS CM281G

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NFR84

Modular *NETFRAME* Rack

- (2) Vertical Channels
- (2) Base Angles
- (1) Pack of (20) 3/8x1.00 Bolt, Lockwasher, Nut
- (1) Front Top Flange
- (1) Rear Top Flange
- (2) Center Waterfalls
- (1) Pack of (25) #12-24x1/2" Screws
- (1) Grounding and Hardware Kit

Optional Accessories



- (2) Rear Extender Bracket
 - (8) #12-24 Screws
- NFREB2**



- (1) Spool
 - (2) #12-24 Screws
- NFSK**



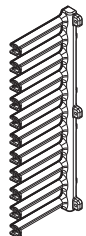
- (1) Vertical Slack Manager
- NFVSM4**



- (1) *NETFRAME* Extender Door Brackets for 23" Mtg
 - (4) #10-32 Screws
- NFEDB23**



- (16) Center D-rings
- NFCDRK**



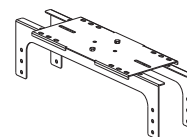
- (8) Bend Radius Fingers
- NFBRFK**



- (8) D-rings
- NFDR4X6K**



- (1) Shelf
 - (4) #12-24 Screws
- NFSHLF19X18**
NFSHLF19X25 (shown)

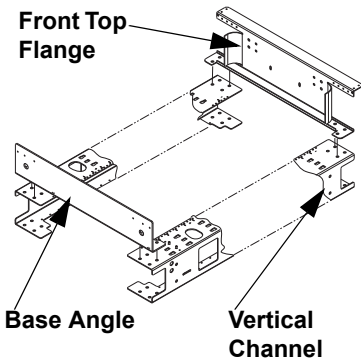


- (1) Ladder Rack Bracket
 - (2) 3/8"-16x1" Hex Bolts
 - 3/8"-16 Hex Nuts
 - 3/8" Split Lockwasher
- NFLRB**



- (1) Door, 4" wide w/ Mtg Brackets
 - (4) #10-32 Screws
- NFD484**

Rack Assembly

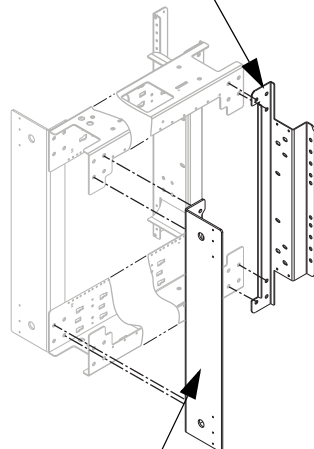


Step 1

Lay the two vertical channels on the floor or a pair of sturdy saw horses to ease installation.

Install (1) Base Angle and Front Top Flange on the vertical channels using (8) 3/8" bolts, lockwashers and nuts provided. **Do not tighten.**

Rear Top Flange

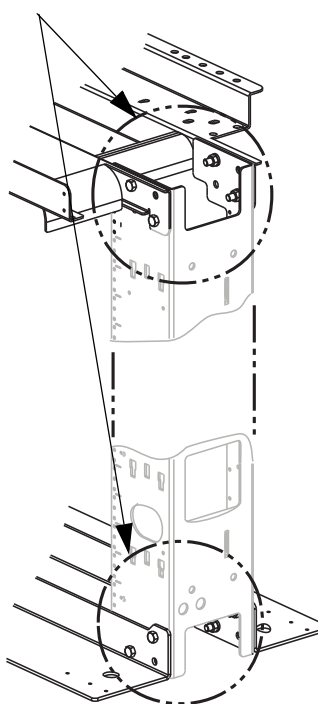


Base Angle

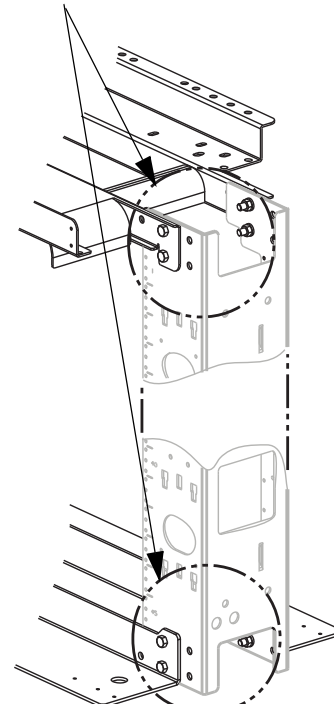
Step 2

Roll the rack on its side to install the other base angle and rear top flange using (8) 3/8" bolts, lockwashers and nuts provided. **Do not tighten.**

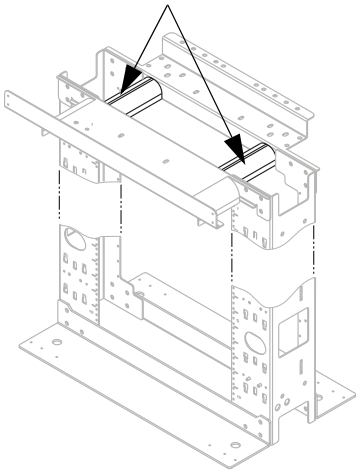
19" Mounting



23" Mounting



Center Waterfall

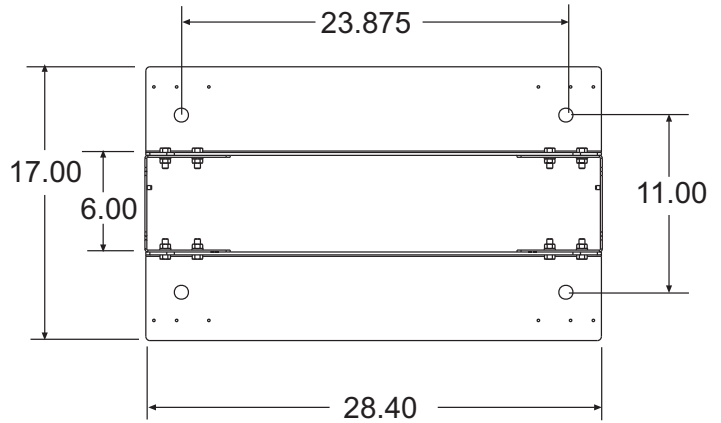


Step 3

Stand the rack upright. Verify #12-24 tapped holes are EIA spaced at 18.31", square the rack and tighten bolts. Install the two waterfalls with the #10-32 screws provided.

Location Guide: 19" Rack

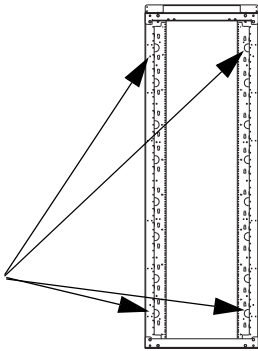
Mount rack to floor using the location guide below for mounting hole and overall size information.



Grounding Kit

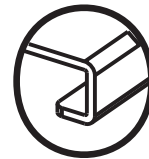
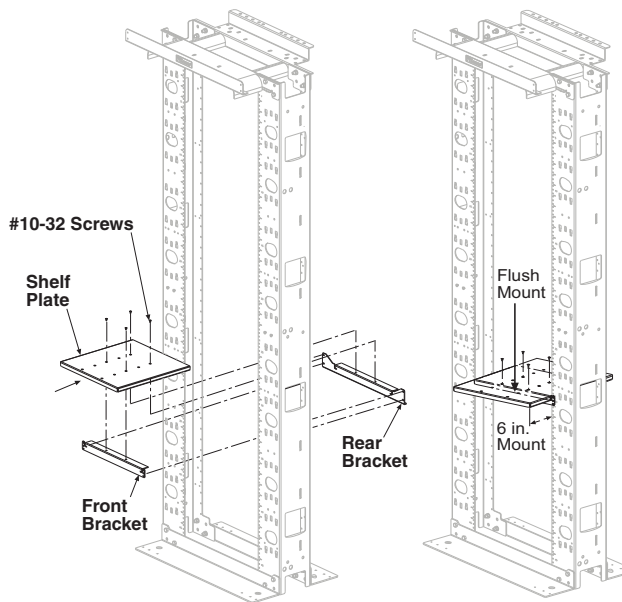
- (1) Barrel Lug
- (1) 1/4"-20 Screw

Barrel Lug and Grounding Screw mounts to rear of rack in one of four optional places.

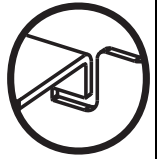


Shelf Installation

NFSLF19X18, NFHSLF19X25



"C" Channel

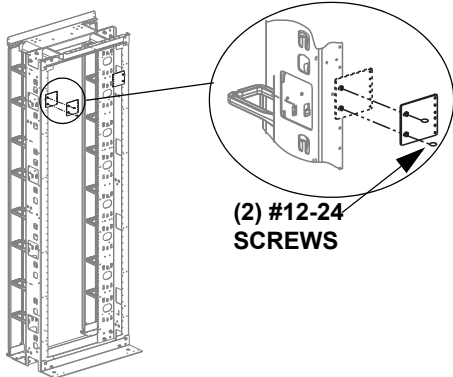


"J" Slot

Attach Rear Bracket to rear of rack at desired height with #12-24 screws. Attach Front Bracket to front of rack at desired height with #12-24 screws. Attach Shelf Plate to Front and Rear Brackets with the #10-32 screws. The Shelf Plate "C" Channel mates with the bracket "J" Slot to provide adjustable mounting. Can be mounted "flush" or extended 6 inches.

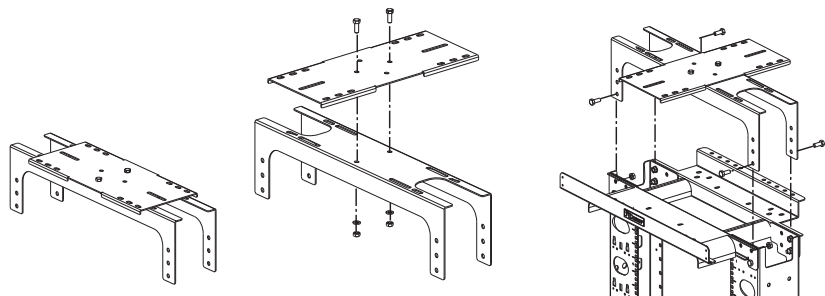
Rear Extender Bracket Installation
NFREB2

Use (2) #12-24 screws to secure each bracket in desired location



(2) #12-24
SCREWS

Ladder Rack Bracket Installation
NFLRB



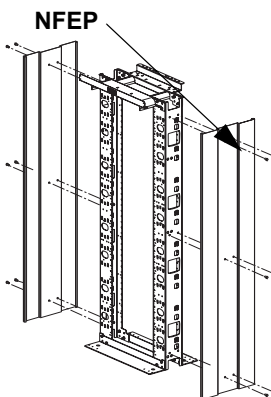
NFLRB Top Plate attaches to Main Bracket with (2) 3/8"-16x1" hex bolts, 3/8"-16 hex nuts and 3/8" split-lockwashers provided

NFLRB Top Plate can be assembled perpendicular to Main Bracket to support parallel runs of ladder rack.

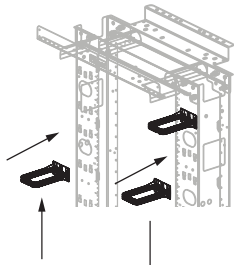
NFLRB assembles to NFR84 using 3/8"-16x1" hex bolt, nut, and lock-washer provided with NFR84

End Panel
NFEP

NFEP attaches to rack with (6) 3/8"-16x.625" Hex Bolts, 3/8"-16 Hex Nuts and 3/8" Split Lock-washers provided.

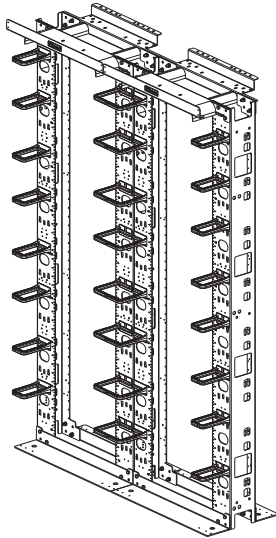


**D-Rings Installation:
NFD4x6K**

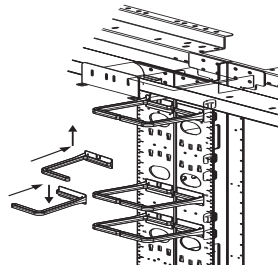


NFD4x6K

Right side installation snaps down
Left side installation snaps up



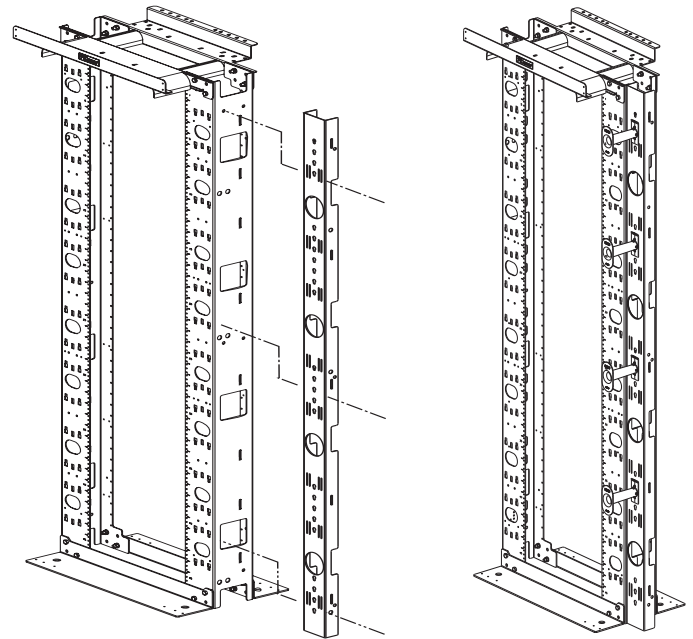
**Center D-Rings Installation:
NFCDRK**



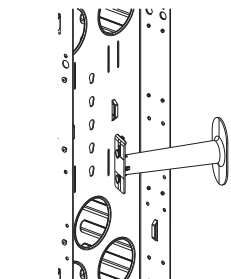
NFCDRK

Side Mount EIA/NETFRAME Racks

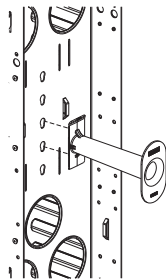
Vertical Slack Manager attaches to your frame with (3) 3/8" bolts, nuts and lock washers.



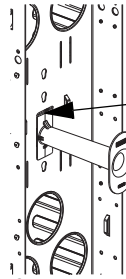
**NETFRAME Vertical Slack Manager: NFVSM4
Spool Installation**



Step 1
Align buttons with mounting leg slot



Step 2
Push buttons through backbone until mounting face is flush with backbone.



Step 3
Apply downward pressure until plastic spool clicks into place.

Angled Flange

Removal/Replacement

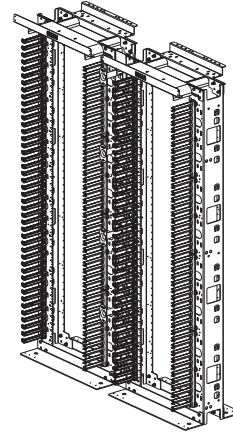
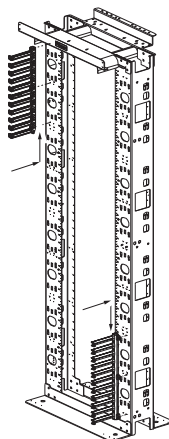
Step 4
Pull back on angled flange while applying upward pressure
Step 5
Repeat steps 1-3

**Bend Radius Fingers Installation
NFBRFK**

Fingers install by snapping (down right side) (up left side) use (3) #12-24 screws to secure each finger section in desired location.

Note:

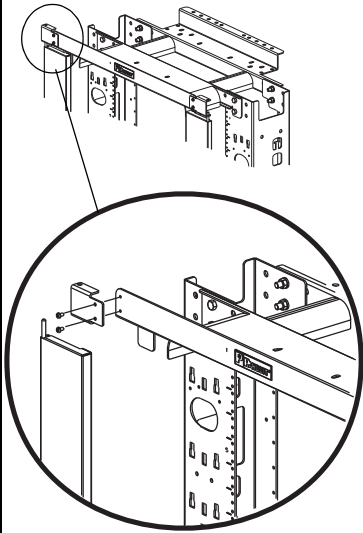
Start finger installation from bottom of rack and continue upwards on the right side. Start finger installation from top of rack and continue down on the left side.



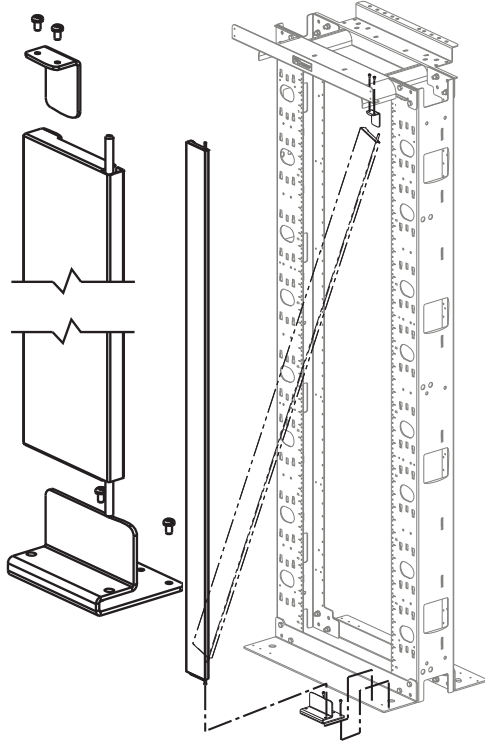
Door Installation

NFD484
NFEDB23

NFEDB23 installed to *NETFRAME* Top Flange with #10-32 screws provided. To be used when rack is set-up for 23" mounting

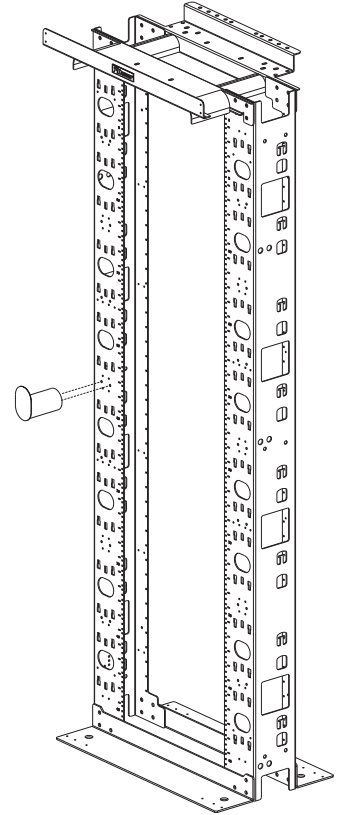


NFD484 installed to *NETFRAME* with (4) #10x32 screws provided.



Spool NFSK

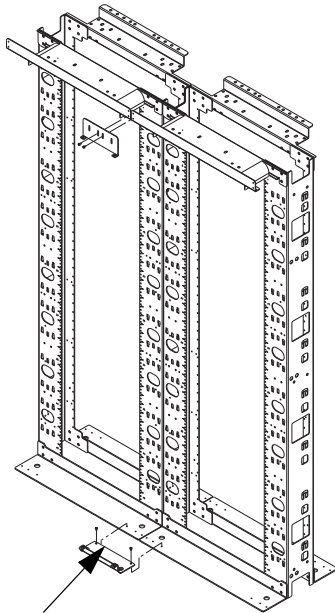
NFSK attaches to rack with (2) #12-24 screws provided



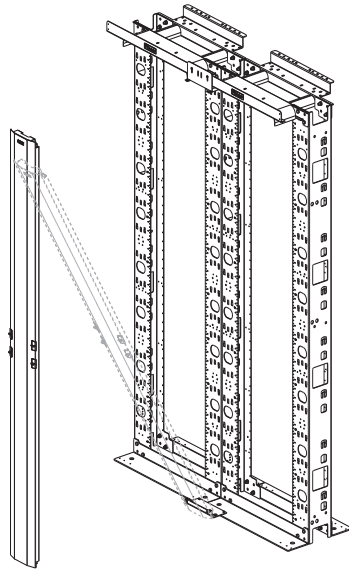
Center Door

NFD884
NFD1284

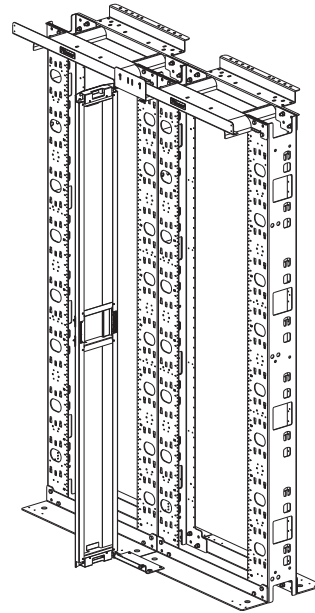
1. Use 3/8"-16x1" bolt, 3/8"-16 nut and 3/8" lockwasher provided with *NETFRAME* to gang two racks together using *NETFRAME* junction holes located on side of rack channels.
2. Straddling the two racks, fasten Top Bracket and Bottom Bracket with #10-32x5/16" screws provided.
3. Door installs to top and bottom brackets by aligning lower hinge pin to hinge pin mounting hole. Squeeze knobs together, then align upper hinge pin to upper hinge pin mounting hole. Release pressure on knobs to set door in place.



Bottom Bracket



NFD884



For instructions in Local Languages
and Technical Support:

www.panduit.com/resources/install_maintain.asp

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