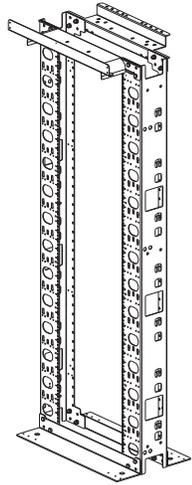


### INSTRUCTIONS CM286B

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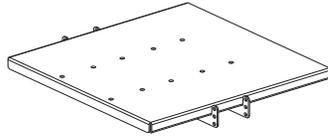


**NFR80J**

#### Modular Japanese Metric *NETFRAME* Rack

- (2) Vertical Channels
- (2) Base Angles
- (1) Pack of (20) M10x1.00 Bolt, Lockwasher, Nut
- (1) Front Top Flange
- (1) Rear Top Flange
- (2) Center Waterfalls
- (1) Grounding and Hardware Kit

#### Optional Accessories



- (1) Shelf
- (4) M6 Screws
- (4) #12-24 Screws
- (4) #10-32 Screws
- NFSHLF19x18** (shown)
- NFSHLF19x25**



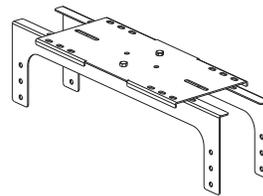
- (8) D-rings
- (16) M5 Screws
- NFJMDRK**



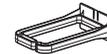
- (1) *NETFRAME* Extender Door Brackets for 23" Mtg
- (4) #10-32 Screws
- NFEDB23**



- (100) M5 Screw
- (100) M5 Cage Nuts (shown)
- CNWSM5-C**
- (100) M6 Screws"
- (100) M6 Cage Nuts
- CNWSM6-C**



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

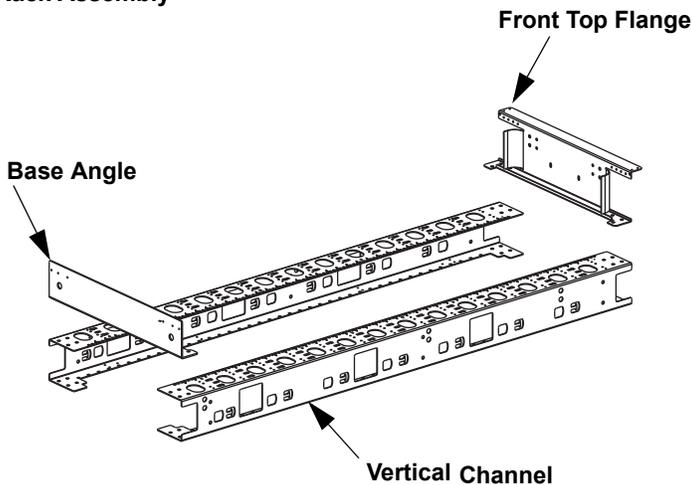


- (8) D-rings
- NFDR4X6K**



- (1) Door Assembly with Mtg. Brackets
- (4) M5 Screws
- NFD480**

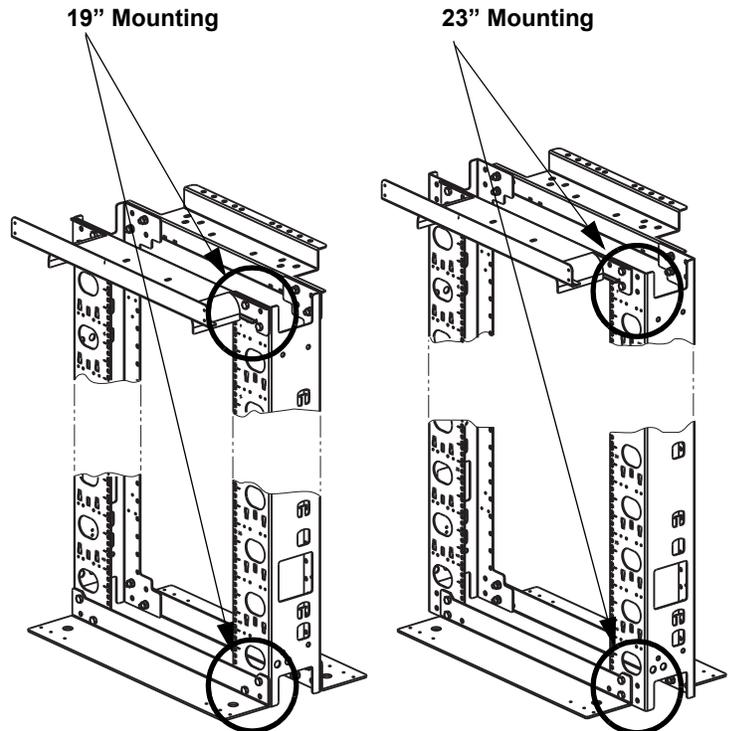
#### Rack Assembly

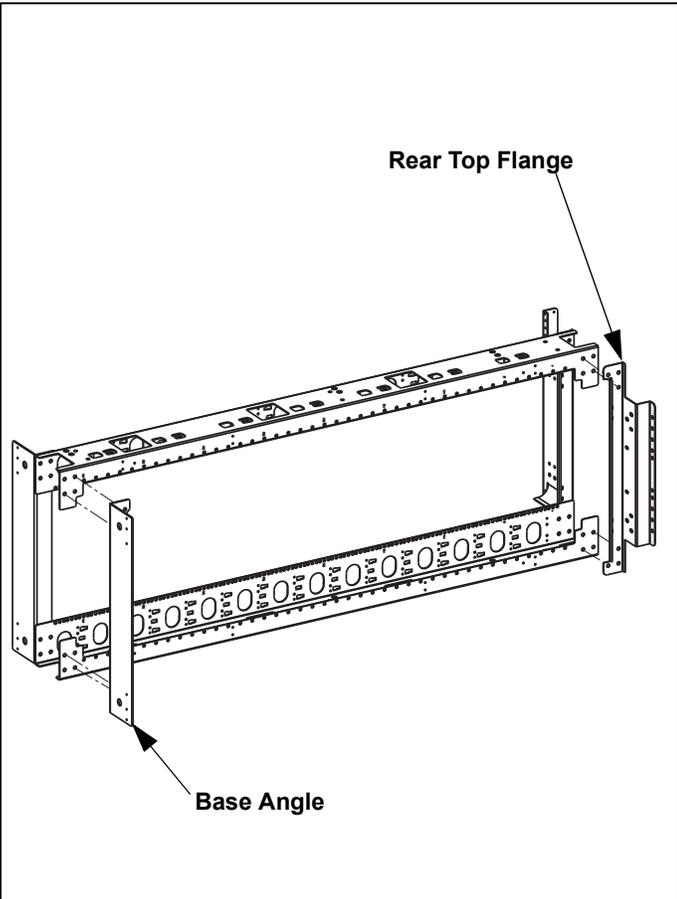


#### Step1

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

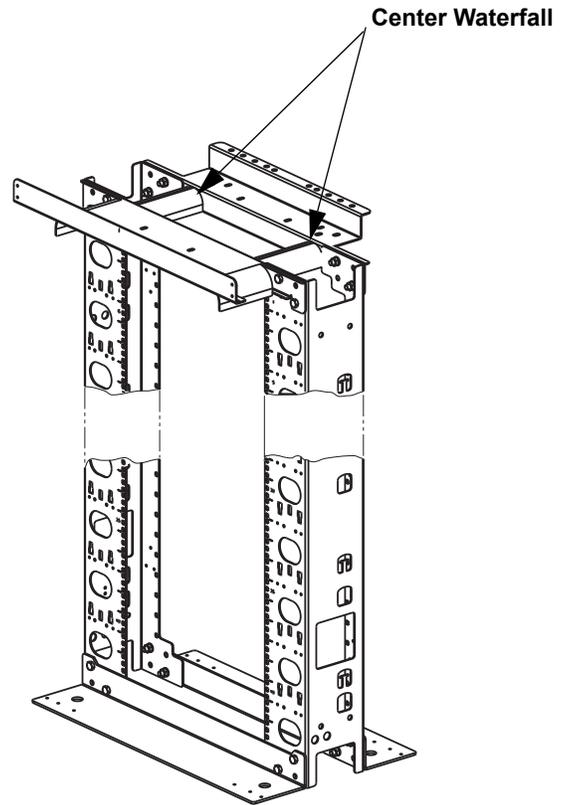
Install (1) Base Angle and Front Top Flange on the vertical channels using (8) M10 bolts, lockwashers and nuts provided. **Do not tighten.**





**Step 2**

Roll the rack on its side to install the other base angle and rear top flange using (8) M10 bolts, lockwashers and nuts provided. Do not tighten.

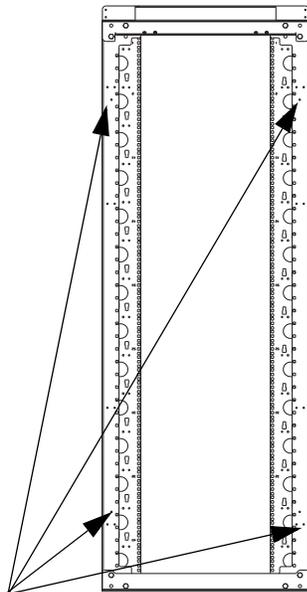


**Step 3**

Stand the rack upright. Verify cage nut ports tapped holes are EIA spaced at 18.31", square the rack and tighten bolts. Install the two waterfalls with the M5 screws provided.

**Grounding Kit**

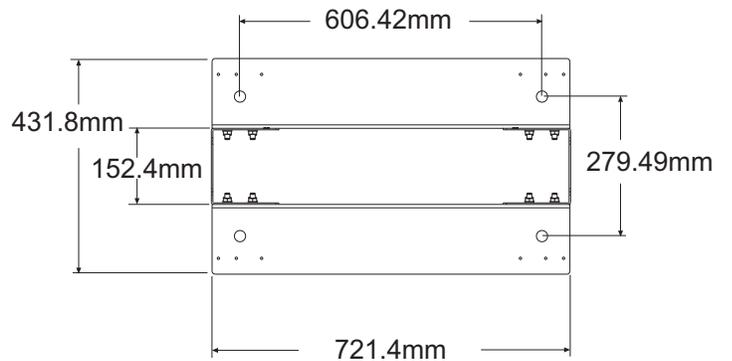
- (1) Barrel Lug
- (1) M6 Screw



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

**Location Guide: 19" Rack**

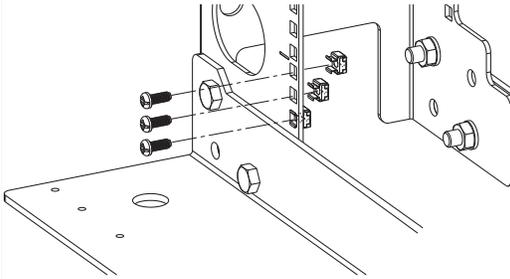
Mount rack to floor using the location guide below for mounting hole and overall size information.



**Cage Nuts Installation:**

**CNWSM5-C**  
**CNWSM6-C**

Install M5 or M6 cage nut into port provided in rack. Install screw into cage nut.



**D-rings Installation:**

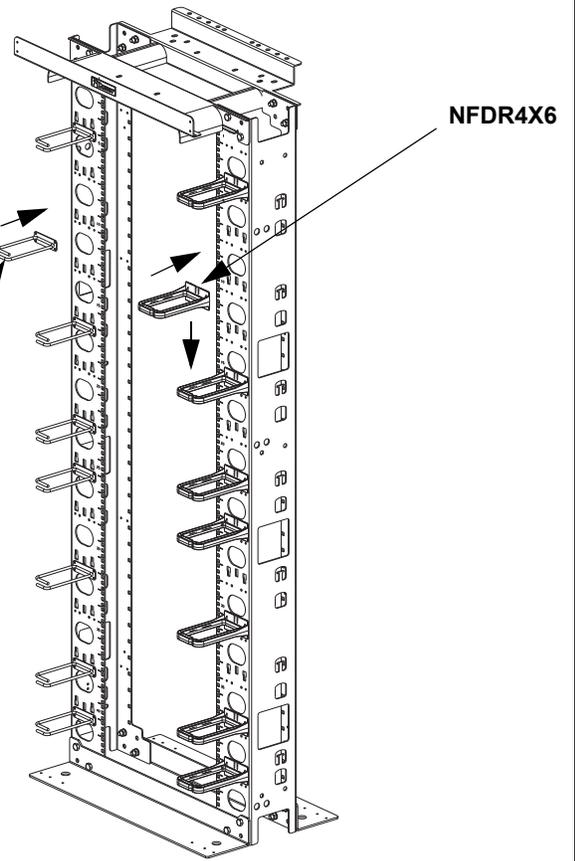
**NFDR4X6**  
**NFJMDRK**

Install NFJMDRK at desired height on rack with M5 screws provided.

NFJMDRK

NFDR4x6 Right side installation snaps down.

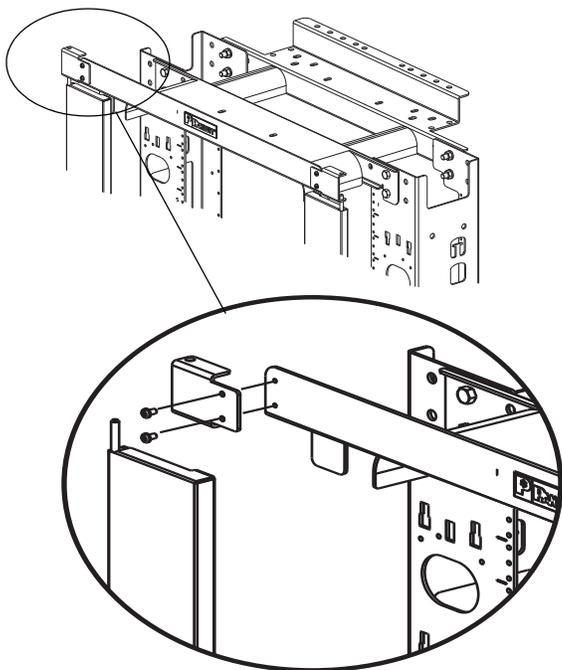
NFDR4x6 Left side installation snaps up.



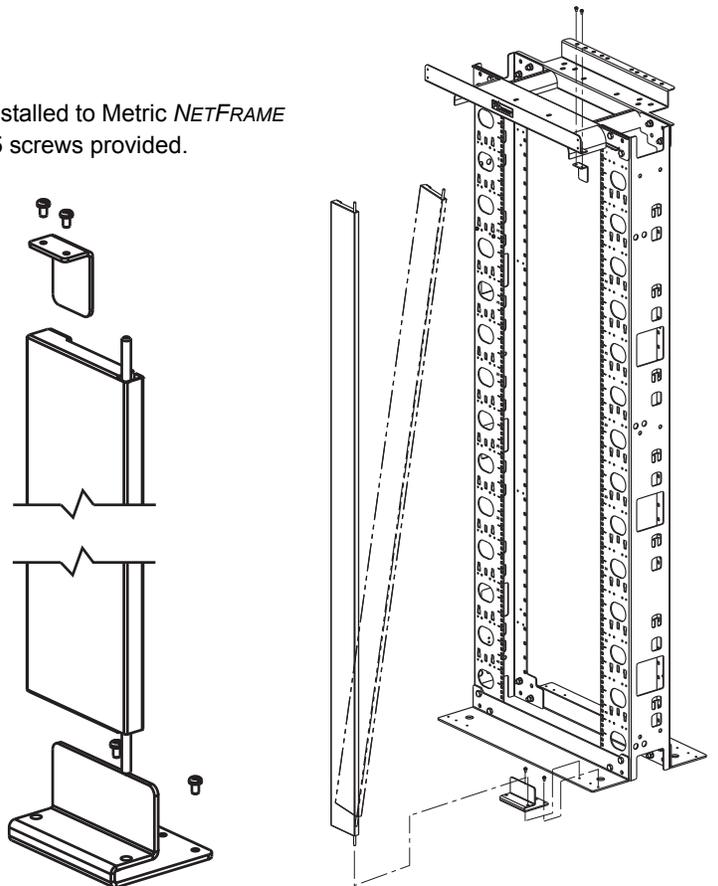
**Door Installation**

**NFEDB23**  
**NFD480**

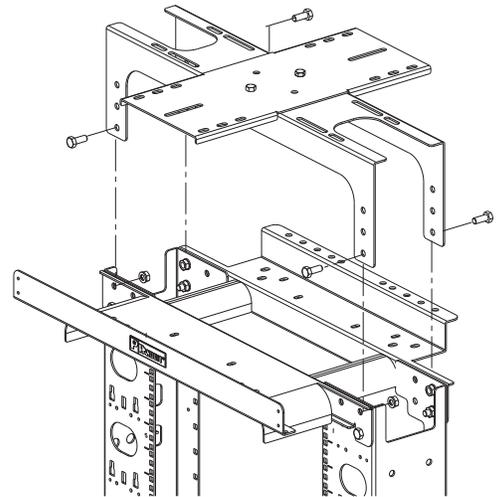
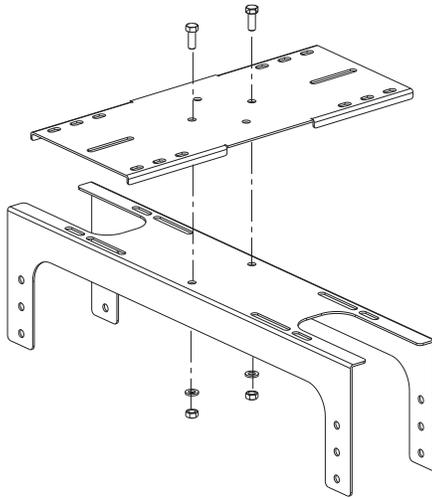
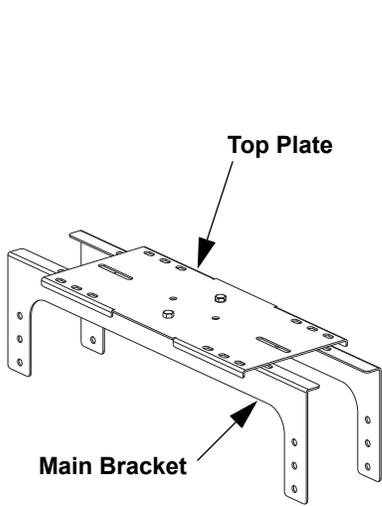
**NFEDB23** installed to *NETFRAME* Top Flange with #10-32 screws provided. To be used when rack is set-up for 23" mounting.



**NFD480** installed to Metric *NETFRAME* with (4) M5 screws provided.



**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

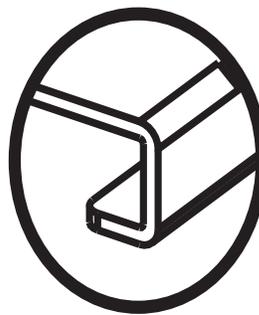
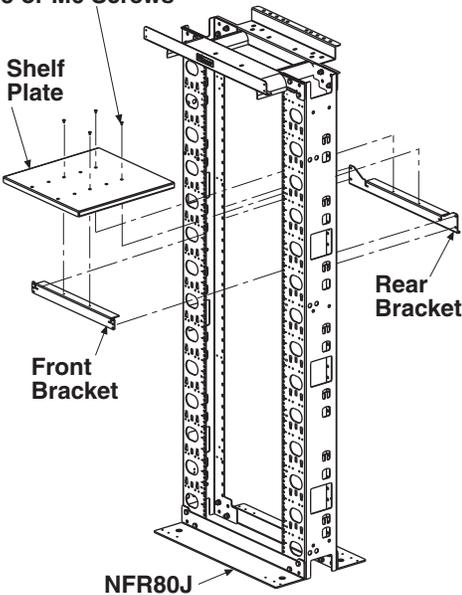
NFLRB Top Plate can be assembled perpendicular to Main Bracket to support parallel runs of ladder rack.

NFLRB assembles to NFR80J using M10 hex bolt, nut, and lockwasher provided with NFR80J.

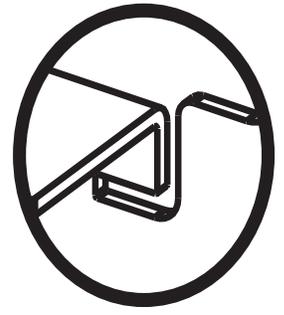
**Shelf Installation  
NFSHLF19X18, NFHSLF19X25**

Attach Rear Bracket to rear of rack at desired height with M5 or M6 screws. Attach Front Bracket to front of rack at desired height with M5 or M6 screws. Attach Shelf Plate to Front and Rear Brackets with the M5 or M6 screws. The Shelf Plate "C" Channel mates with the bracket "J" Slot to provide adjustable mounting. Can be mounted "flush" or extended 6 inches.

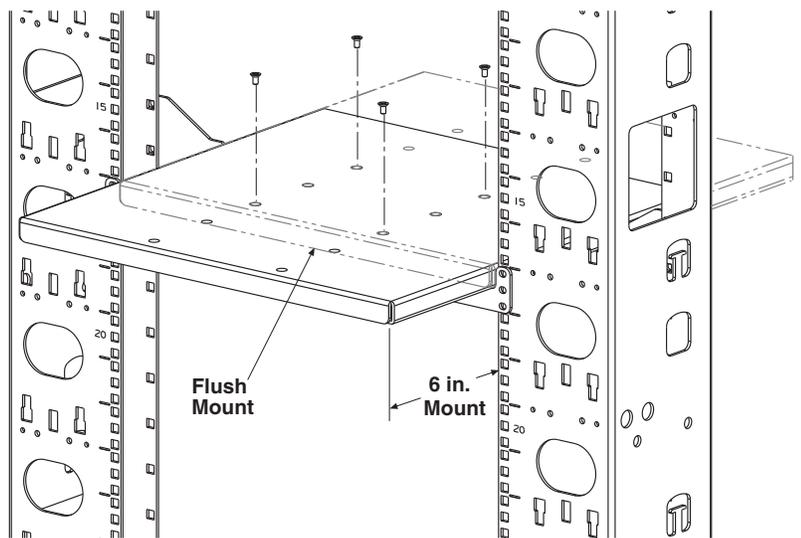
M5 or M6 Screws



"C" Channel



"J" Slot



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