

# MaxRack Open Frame System



MaxRack is used for mounting and securing 19- or 23-inch rack equipment that is used in data centers, telecommunication rooms and other locations. These open frame racks are ideal for high-density cabling applications. MaxRack also supports the cabling and cooling needs of large core switches (CISCO Catalyst 6509 / 6513, NEXUS 7010 and NEXUS 7018) by using the combination air baffle/vertical cable manager accessory. MaxRack, with its vast features, supports many diverse applications.

## INDUSTRY STANDARDS

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UL 1863 Listed; File Number E230874

cUL Listed per CSA C22.2 No. 182.4; File No. E230874

Cisco developer registered

EIA 310-D

## FEATURES

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Rack can be assembled to accommodate either 19- or 23-inch rack equipment

Racks can be ganged to create rows for high density applications

19-inch configuration equals typical tile width of 24 inch

Flat package to allow easy shipping and handling to job site

Press-in nuts enable single-side easy assembly

All structural members are grounded by special grounding and bonding washers

Top has integrated waterfall, which ensures proper cable radius is achieved

Top and top bracket support accommodate parallel or perpendicular ladder or basket tray mounting applications

Channel uprights provided with hole patterns to support various cable management devices

All RU positions marked with white lettering on front and rear column members

Easy-to-follow complete installation instructions included

Upright channels tapped 12-24 holes per EIA Universal pattern standards

Multiple paint-free grounding points per UL double-lugged standards

## SPECIFICATIONS

**Material:** Aluminum  
**Color:** Jet Black  
**Finish:** Powder Coated  
**Color Code:** RAL 9005

Table 1/1

| Catalog Number | Article Number | Height | Width | Depth  | Thickness | Rack Units |
|----------------|----------------|--------|-------|--------|-----------|------------|
| M8410B45       | 24288          | 2188mm | 610mm | 521mm  | 3mm       | 45U        |
| M8416B45       | 24292          | 2188mm | 610mm | 667mm  | 3mm       | 45U        |
| M8432B45       | 24293          | 2188mm | 610mm | 1060mm | 3mm       | 45U        |
| M846B45        | 24287          | 2188mm | 610mm | 419mm  | 3mm       | 45U        |
| M9610B51       | 24295          | 2493mm | 610mm | 521mm  | 3mm       | 51U        |
| M9616B51       | 24296          | 2493mm | 610mm | 667mm  | 3mm       | 51U        |
| M9632B51       | 24297          | 2493mm | 610mm | 1060mm | 3mm       | 51U        |
| M966B51        | 24294          | 2493mm | 610mm | 419mm  | 3mm       | 51U        |

## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



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