

Multi-vendor equipment compatibility  
Integrated NEBS floor mounting provisions  
Roof and base cable access  
Reinforced welded frame construction  
Powder coat paint finish

## NetShelter VX Enclosures Features & Benefits

### Compatibility

Adjustable mounting depth

Vertical mounting rails are adjustable for equipment with various mounting depths.

Guaranteed Compatibility

Vendor-neutral mounting for guaranteed compatibility with all EIA-310 compliant 19" equipment. The APC "Fits Like a Glove" money back guarantee provides peace of mind that all of your EIA-310-D compliant rack-mount equipment will physically fit in a NetShelter SX enclosure.

Ventilated doors with scalable cooling options

Superior door ventilation exceeds airflow requirements for major servers. Scalable cooling options for high-density applications.

### Agility

Rear Power Distribution channels

Rear power distribution channels provide easy access to multiple receptacles occupying zero U in recessed channels. The rear power distribution channels allow APC basic, metered, and switched vertical rack PDU's to be installed easily in the rear without interfering with equipment or taking up valuable U space. This provides increased accessibility to receptacles and allows customers to support more power cords within the enclosure. Up to 42 5-15R receptacles can be installed in just one rear cabling channel.

Cable Access

APC understands that power and data can be routed either from overhead or from underneath a raised floor. Generous cable access holes are provided in the roof and base. The 42 inch (1070 mm) deep versions provide two 4x8 inch (102x203 mm) cable access holes in the roof directly above the rear cabling channels and two 4x4 inch (102x102 mm) cable access holes directly below the rear cabling channels to provide cable access where it is really needed. On occasion, a power or data cable may need to be routed to an adjacent enclosure when two or more enclosures are bayed together. The 42 inch (1070 mm) deep versions provide side cable pass through holes in the rear cabling channels to allow for such requirements.

Numbered U positions

Rapid installation of rack mounted equipment.

Optimized depth

Enclosures deeper than those traditionally used are required to properly install the latest servers, distribute power, and manage cabling in today's data centers. The struggle facing data center managers is determining how deep to go without sacrificing valuable floor space. In a hot aisle/cold aisle layout NetShelter VX Enclosures provide the maximum enclosure depth (42 inches (107 cm)) without sacrificing floor space. This allows for 36 inches (91 cm) of clearance in the hot aisle and 48 inches (122 cm) in the cold aisle. In a

hot aisle/cold aisle layout, selecting enclosures less than 42 inches (107 cm) deep will not allow more enclosures to be installed in a datacenter, but only increase the clearance in the hot aisle.

#### Optimized width

NetShelter VX Enclosures are designed to align exactly on standard 24 inch and 600 mm wide floor tiles when bayed together.

#### Ships fully assembled

NetShelter VX Enclosures ship fully assembled reducing the time required to install equipment.

#### Simple Selection

No need to spend hours choosing from and compiling dozens of part numbers to create a single enclosure. APC has made it easy by handling the details and providing complete enclosures with single part numbers.

#### Protection

##### Lockable doors and side panels

Increased level of security to prevent unauthorized entry. Front doors, rear doors, and side panels are lockable and only accessible with a key provided with NetShelter Enclosures.

##### Door access monitoring

An optional door alarm switch kit (APC part # AP9513) combined with an APC Environment Monitoring Unit (APC part # AP9312TH or AP9312THI) permits access monitoring of NetShelter VX enclosures. It is possible to be notified via e-mail, pager, or SNMP if an enclosure door has been opened.

#### Safety

##### UBC Zone 4 Compliant

NetShelter VX Enclosures are UBC (Uniform Building Code) Zone 4 compliant if used in conjunction with the APC bolt down bracket kit (part # AR8112BLK).

##### Protective grounding provisions

Safety protection against electric shock and reduction of EMI emissions. NetShelter VX Enclosures incorporate a series of ground studs within each enclosure, providing adequate means for grounding all loose sheet metal panels and/or internally rack-mounted equipment.

#### Serviceability

##### Quick release doors

Front door can be moved to the opposite side or interchanged with rear doors. Doors are easily removed with simple lift-off design.

##### Quick release side panels

During installation and while conducting routine maintenance of installed equipment, it is often advantageous to remove the side panels. Quick release slam latches on the side panels allow for quick, easy access.

##### Split rear doors

Split rear doors improve access and serviceability to rear of rack mounted equipment. The split rear doors help to maximize floor space. Only 11 inches (279 mm) of clearance is required behind the enclosures to allow for door swing.

#### Adaptability

##### Reversible doors

In situations where it is desirable for the front door to open from the opposite side, doors can be detached and reversed.

##### Expansion

VX and VS Enclosures can be easily expanded upon to create complete rows of enclosures. Enclosures models that ship without side panels include hardware required to bolt to adjacent enclosures.

## **Product Distribution**

canada, japan, united states