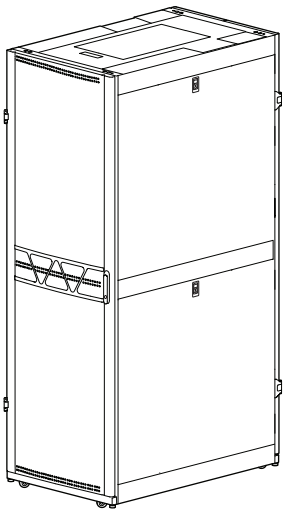
Netshelter™ SX 2nd Generation Networking Cabinet

Installation and Customization Manual

AR3140B2
AR3340B2/W2
AR3347B2

TME61559A
Release Date: September 2026



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Introduction

The NetShelter™ SX 2nd Generation Networking 750 mm (29.53 in) wide cabinets are high-quality cabinets for storage of industry-standard (EIA-310), 19 in rack-mount hardware, which includes servers and voice, data, networking, internetworking, and power protection equipment.

This manual covers the following models:

Model	Cabinet Mounting Height	External Cabinet Width	Cabinet Depth
AR3140B2	42 U†	750 mm (29.53 in)	1070 mm (42.13 in)
AR3340B2/W2	42 U†		1200 mm (47.24 in)
AR3347B2	48 U†		1200 mm (47.24 in)

† One U= 44.45 mm (1.75 in).

For a complete list of accessories and more information, see www.se.com.

Important Safety Information

Read the instructions carefully to become familiar with the equipment before trying to install, operate, service or maintain it. The following messages may appear throughout this manual or on the equipment to warn of potential hazards or to call attention to information that clarifies or simplifies a procedure.



The addition of this symbol to a Danger or Warning safety label indicates that an electrical hazard exists which will result in personal injury if the instructions are not followed.



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

⚠ DANGER

DANGER indicates an imminently hazardous situation which, if not avoided, **will result in** death or serious injury.

⚠ WARNING

WARNING indicates a potentially hazardous situation which, if not avoided, **can result in** death or serious injury.

⚠ CAUTION

CAUTION indicates a potentially hazardous situation which, if not avoided, **can result in** minor or moderate injury.

NOTICE

NOTICE addresses practices not related to physical injury including certain environmental hazards, potential damage or loss of data.

Qualified Personnel

Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by APC by Schneider Electric for any consequences arising out of the use of this material.

A qualified person is one who has skills and knowledge related to the construction, installation, and operation of electrical equipment and has received safety training to recognize and avoid the hazards involved.

Safety Instructions for the NetShelter SX 2nd Generation Networking Cabinet

This manual contains important instructions that must be followed during the installation and customization of the cabinet.

⚠ WARNING

TIP/HEAVY EQUIPMENT HAZARD

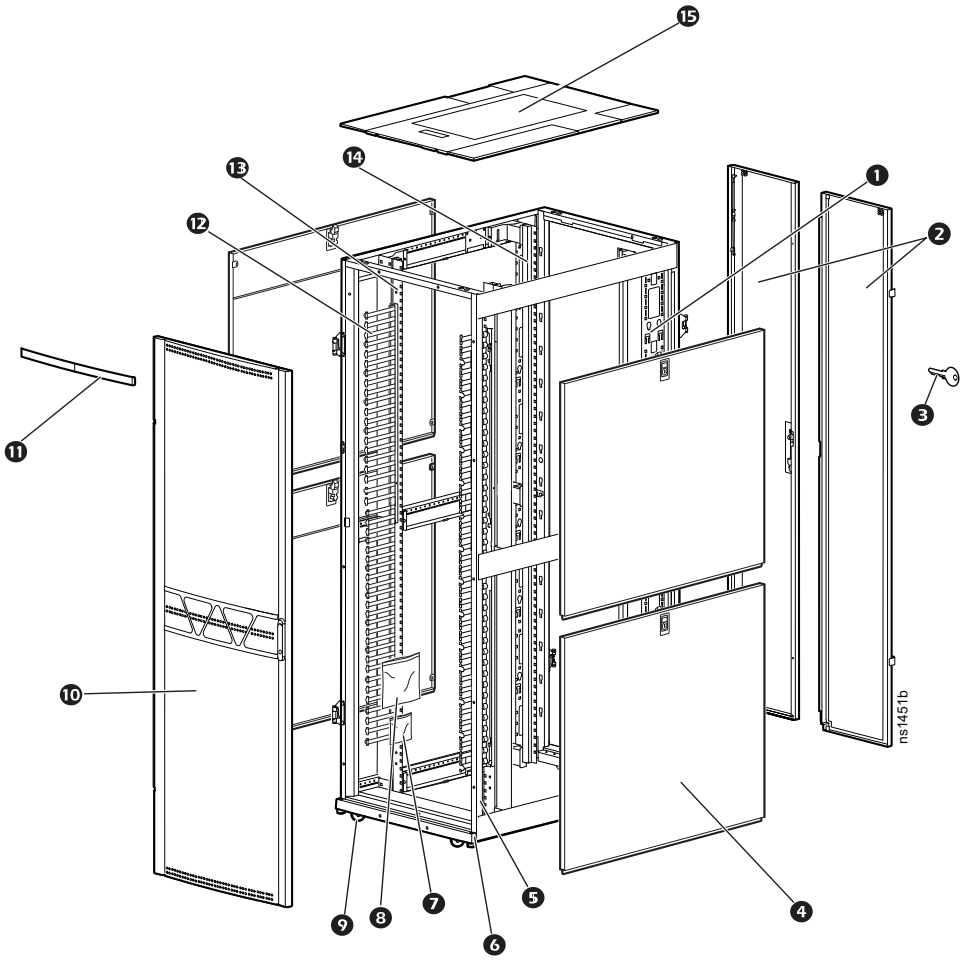
- This cabinet is easily tipped. Use extreme caution when unpacking or moving.
- Use at least two people to unpack and move the cabinet.
- Before moving the cabinet on its casters, load 158 kg (350 lb) of equipment into the bottom of the cabinet for extra stability.
- When moving the cabinet on its casters, make sure the leveling feet are up and push the cabinet from the front or rear. Never push the cabinet from the sides.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

Labels

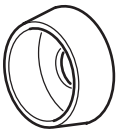
Look for additional safety information affixed to the cabinet. See “Move the Cabinet” on page 6 for more information.

Component Identification

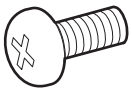


1. Adjustable Vertical 0 U Accessory Channel
2. Removable Rear Split Doors
3. Key for Doors and Side Panels
4. Removable Side Panels with Locks
5. Cabinet Frame
6. Adjustable Leveling Feet
7. Hardware Bag (see page 5)
8. Airflow Management Kit (see page 5)
9. Casters
10. Removable and Reversible Front Door
11. Nameplate (if equipped)
12. Vertical Cable Managers
13. Mounting Rail Cable Manager
14. Vertical Mounting Rails
15. Roof

Hardware Bag



Plastic cup washers (60)



M6 x 16 Phillips slot screws (60)



M5 x 12 screws (4)



Cage nuts (60)



7-mm hole plugs (4)

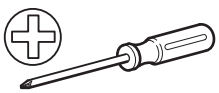


TORX® T30/#2 Phillips wrench

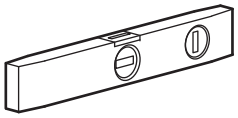


Cage nut tool

Required Tools (not provided)



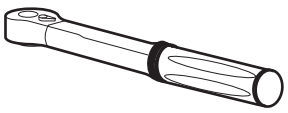
Phillips head screwdriver



Level

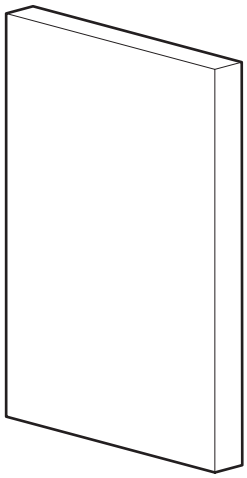


13/14-mm wrench

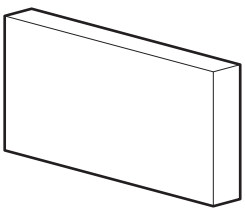


Torque wrench

Airflow Management Kit



3 U Foam panel
42 U [AR3140B2 and AR3340B2/W2] (12)
48 U [AR3347B2] (14)



1 U Foam Panel (4)

Preparation

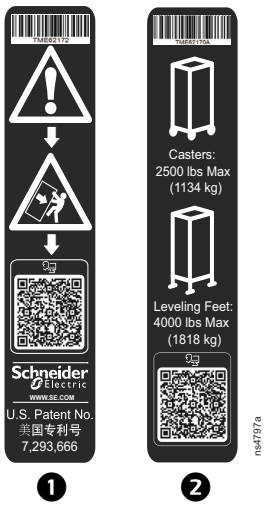
Move the Cabinet

⚠ WARNING

TIP HAZARD

- This cabinet is easily tipped. Use extreme caution when unpacking or moving.
- At least two people are required to unpack and move the cabinet.
- Before moving the cabinet on its casters, load 158 kg (350 lb) of equipment into the bottom of the cabinet for extra stability.
- Make sure the leveling feet are up and push the cabinet only from the front or rear when moving the cabinet on its casters. Never push the cabinet from the sides.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

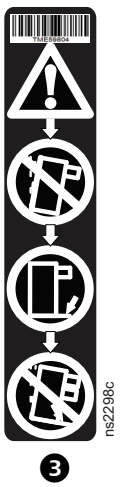


Labels. The following labels can be found on the cabinet, and serve to communicate the following information:

Label ❶: Generic Tip Hazard.

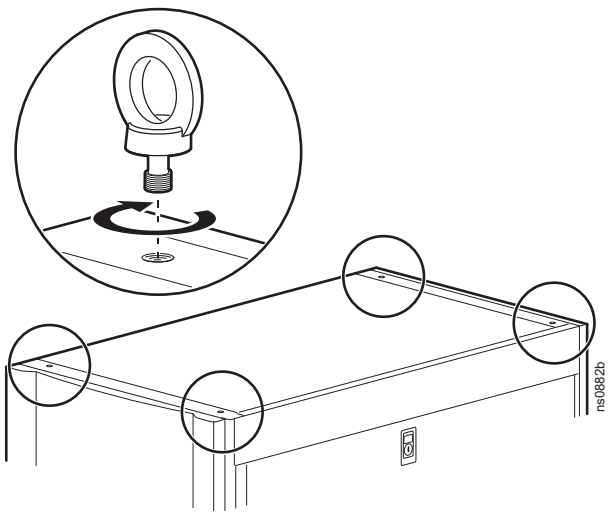
Casters. The cabinet can be moved on its casters with up to 1134 kg (2,500 lb) of equipment installed. Once in place, lower the leveling feet. With the leveling feet lowered, the static cabinet can be loaded to 1818 kg (4,000 lb).

NOTE: Some labels on cabinet indicate caster related information. See label ❷ to left.



Label ❸: Extend Slide-Mounted Hardware One Piece at a Time. Do not extend loaded top-mounted sliding hardware unless the cabinet is secured to the floor.

Eye bolts. The cabinet can be lifted using eye bolts with up to 567 kg (1,250 lbs) of equipment installed. Use M10 eye bolts with a shoulder rated for 181 kg (400 lbs).



Level the Cabinet

⚠ ⚠ DANGER

HAZARD OF ELECTRIC SHOCK

- When Installing the doors, connect all ground and other connection wires.

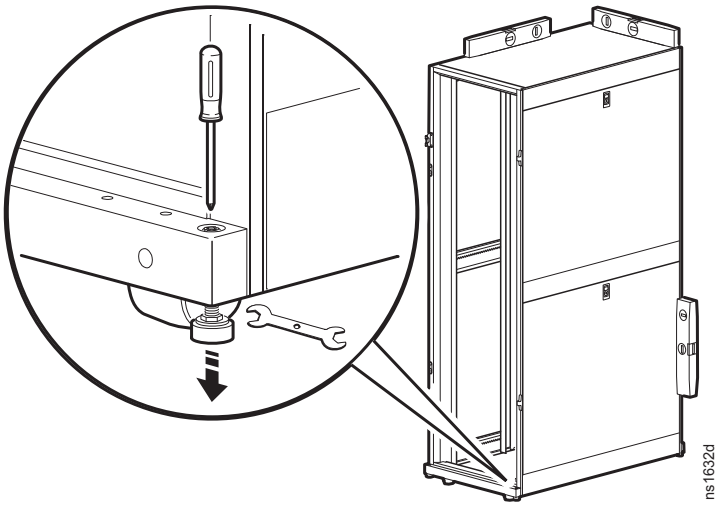
Failure to follow these instructions will result in death or serious injury.

The leveling feet at the corners of the cabinet provide a stable base if the floor is uneven, but they cannot compensate for a badly sloped surface.

1. Ensure the cabinet is in its intended location. Remove the front and rear doors. See “Door Removal” on page 14 for instructions.

   NOTE: Before removing the front door, unplug the ground wires and any other wire connections that may interfere with the removal of the doors.

2. Insert a Phillips head screwdriver into the screw above the leveling foot. Turn the screw clockwise to extend the leveling foot until it makes firm contact with the floor.



NOTE:

- This method works best with an empty, or near empty, cabinet.
- A13 mm open-ended wrench can also be used to lower the leveling feet if the cabinet is loaded with equipment.
- Door removal is not required if using the 13 mm open-ended wrench.

3. Using a level, adjust the feet until the cabinet is level and plumb.
4. If needed, join the cabinets. See “Join the NetShelter SX 2nd Generation Networking Cabinets” on page 8.
5. If needed, install the doors. See “Reverse the logo badge. Once the door has been reversed, the logo badge will now be on the bottom of the door. Push the four (4) pegs that hold the logo badge through the holes of the mesh in the door. Rotate the logo badge and install to holes in the mesh at the top of the door.” on page 21

Join the NetShelter SX 2nd Generation Networking Cabinets

⚠ ⚠ DANGER

HAZARD OF ELECTRIC SHOCK

- When Installing the doors, connect all ground and other connection wires.

Failure to follow these instructions will result in death or serious injury

⚠ WARNING

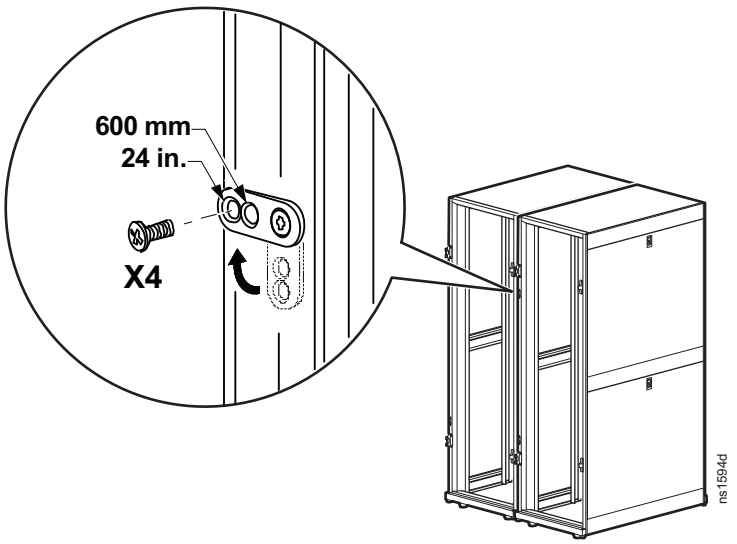
TIP HAZARD

- Joining cabinets provides limited stability to the cabinets. Secure the cabinet to the floor before installing equipment.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

Join two or more cabinets with the provided brackets to assist in alignment and increase stability. Networking Cabinets can be joined with or without the side panels installed.

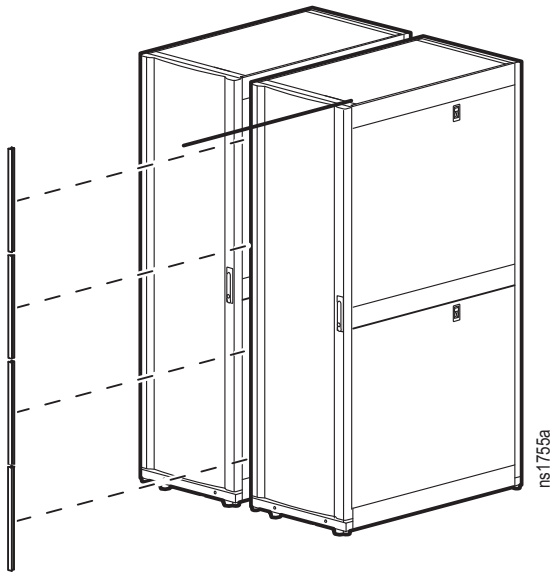
1. Make sure that the leveling feet are down and the cabinets are level. See “Level the Cabinet” on page 7.
2. If installed, remove the front and rear doors. See “Door Removal” on page 14 for instructions.
3. Locate the joining brackets. There are two brackets on the front and two brackets on the back of each cabinet. Choose between 600 mm (23.6 in) centers or 609.6 mm (24 in) centers.



4. Align and join the cabinets using one M5 x 12 flat-head screw (provided) per bracket. Insert a screw into the designated hole on each bracket. Use the Phillips head end of the provided tool to tighten the screws.
5. Reinstall the doors. See “Reverse the logo badge. Once the door has been reversed, the logo badge will now be on the bottom of the door. Push the four (4) pegs that hold the logo badge through the holes of the mesh in the door. Rotate the logo badge and install to holes in the mesh at the top of the door.” on page 21 for instructions.

42U/48U Joining Trim Kit - AR7600 (Optional)

Joining trim is available for order. This item fills the gap present between cabinets spaced on 24 in centers.



Ground the Cabinet

⚠ ⚠ DANGER

HAZARD OF ELECTRIC SHOCK

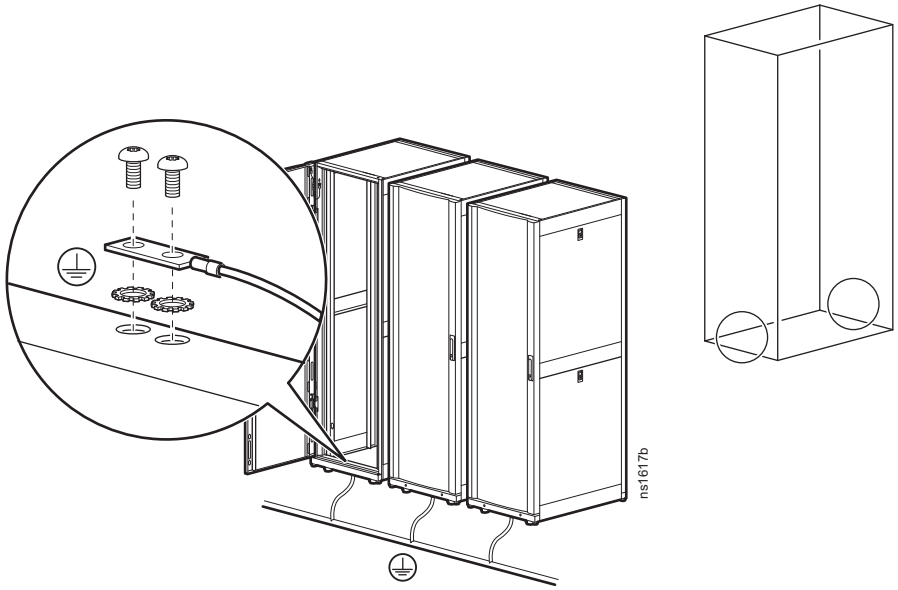
- The cabinet must be connected to the building Common Bonding Network (CBN).

Failure to follow these instructions will result in death or serious injury.

The doors, side panels, and roof of the cabinet are grounded to the cabinet frame. The doors are grounded with quick-disconnect cables. The roof and side panels are inherently grounded through spring fingers.

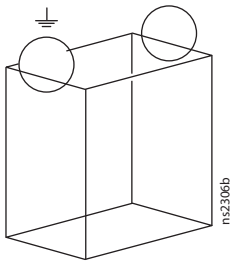
Each cabinet should be bonded directly to a common ground using one of the designated grounding locations (two M6 threaded inserts) at the bottom of the cabinet.

- Use a Common Bonding Network Jumper kit (for example, Listed [KDER] Panduit® RGCBNJ660PY or equivalent).
- Use paint-piercing washers between the ground terminal and the cabinet frame, or remove the paint on the frame under the ground terminals, per NEC NFPA 70 Article 250.12.
- Torque the screws to 6.9 N•m (60 lb-in).
- Do not ground one cabinet to another cabinet in a cascading style. Ground each cabinet directly to the building ground.



Bonding Locations on the Cabinet

NOTE: If needed, additional functional grounding points are available at the top of the rack. Do not connect the building CBN to these functional grounding points.



NOTE: The doors, side panels, and roof of the rack are grounded to the rack frame. The doors are grounded with quick-disconnect cables. The roof and side panels are inherently grounded through spring fingers.

Secure the Cabinet

⚠ WARNING

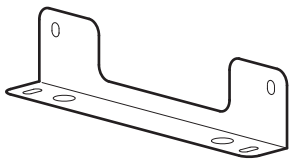
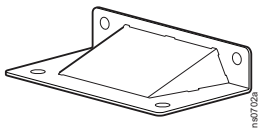
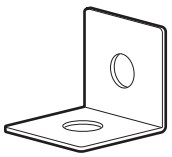
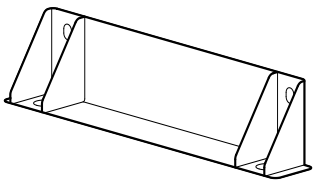
TIP HAZARD

- Secure the cabinet to the floor before installing equipment.

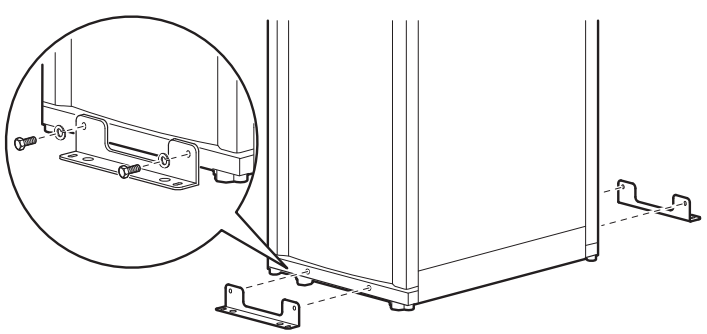
Failure to follow these instructions can result in death, serious injury, or equipment damage.

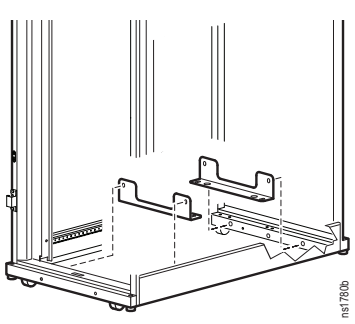
The cabinet can be bolted to the floor internally or externally, as shown below. See www.se.com for a complete list of available stabilization options

NOTE: Only use the stabilization accessories with the casters or leveling feet installed.

Accessory	Part Number	Description	
Pallet/bolt-down brackets	Provided	Attaches to the rack and floor, internally or externally, to provide additional stability without blocking cable access. With appropriate mounting hardware, it meets the requirements for IBC low and	
NetShelter SX stabilizer plate	Option (AR7700)	Attaches externally to the rack and floor to provide additional stability.	
Bolt-down kit	Option (AR7701)	Attaches to the rack and floor, internally or externally, to provide additional stability without blocking cable access. With appropriate mounting hardware, it meets the requirements for IBC low and moderate seismic regions.	
NetShelter SX high-seismic region and OSHPD bolt-down kit	Option (AR7701A-S)	Attaches to rack and floor, internally and externally, to provide additional stability without blocking cable access. With appropriate mounting hardware, it meets OSHPD* and IBC high seismic region requirements. **NOTE:** Not a substitute for racks designed to meet OSHPD* and IBC high seismic region requirements.	

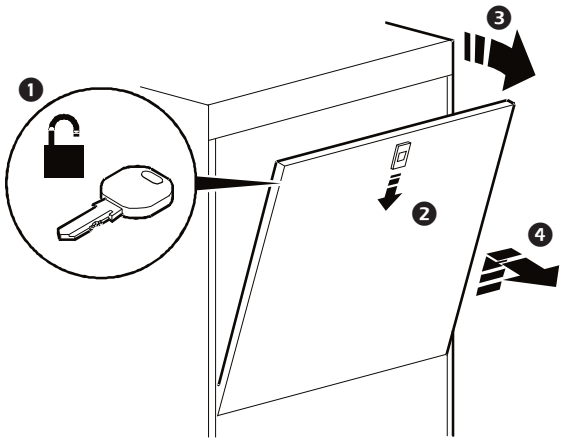
*OSHPD approved per OPM-0255-13



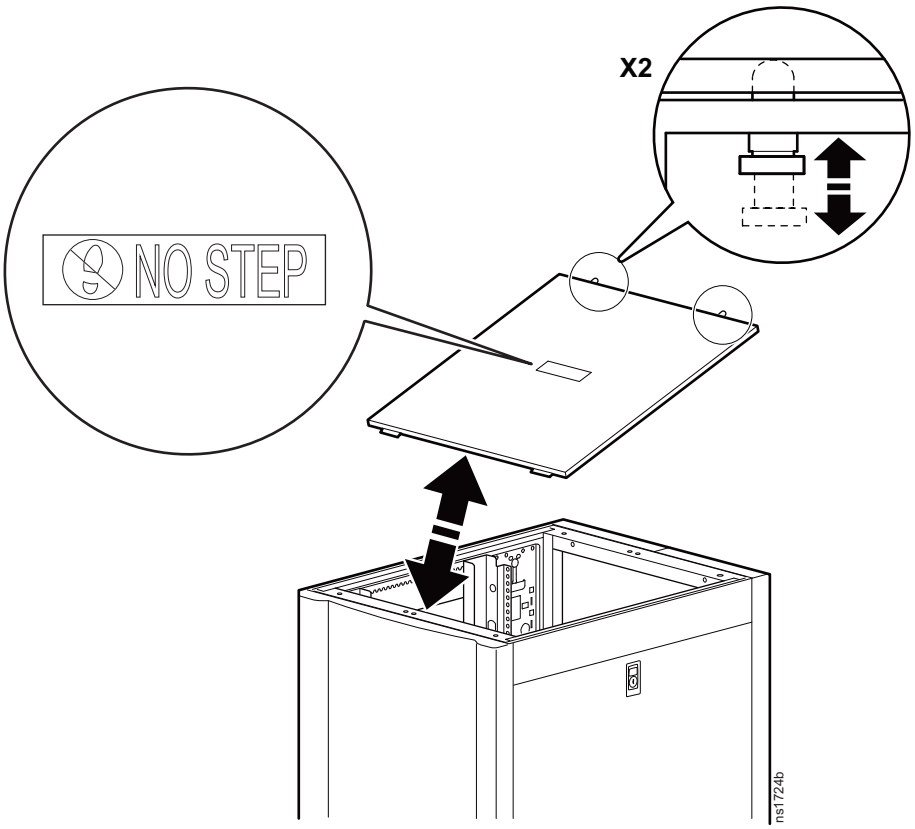


Cabinet Installation

Side Panels



Roof



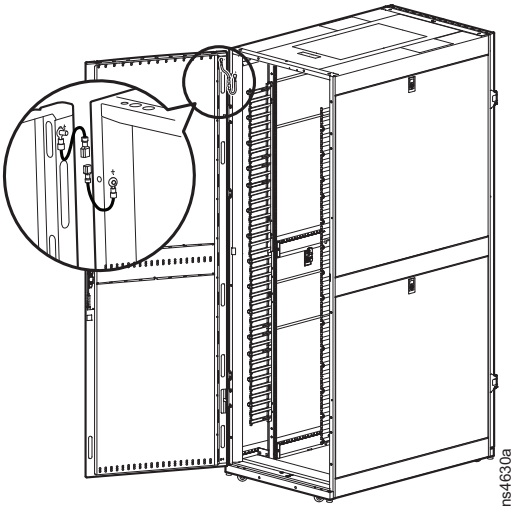
Doors

> **⚠ CAUTION**
>
> **HEAVY EQUIPMENT HAZARD**
>
> - The doors heavy. It is recommended that at least two people perform the removal and installation tasks.
>
> **Failure to follow these instructions can result in death, serious injury, or equipment damage.**

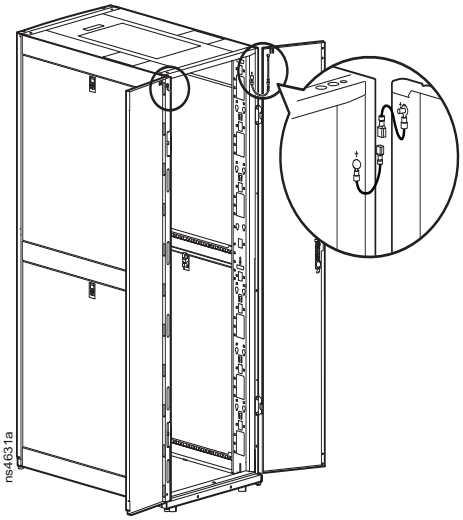
Door Removal

The front and rear doors are removed using the same steps.

1. Unlock the door handle and open the door.
2. Disconnect the ground wire and any other wire connections that may interfere with the removal of the doors.
   NOTE: There is a ground wire on each door.

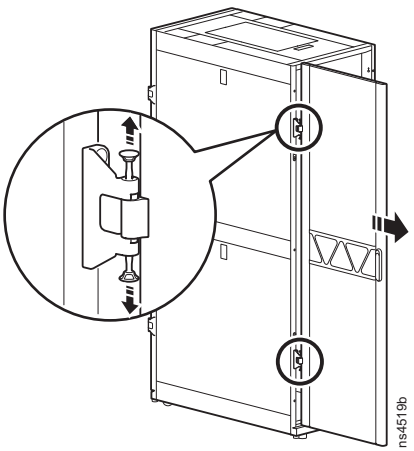


FRONT DOOR



REAR DOORS

3. Pull the top hinge pin up and the bottom hinge pin down to release the door from the hinge. When both hinges have been opened, the door can be removed by pulling it from the hinges. Keep the door at a 90° angle to the rack while removing to ensure no interference with the hinge pins.



Door Installation

The front and rear doors are installed using the same procedure.

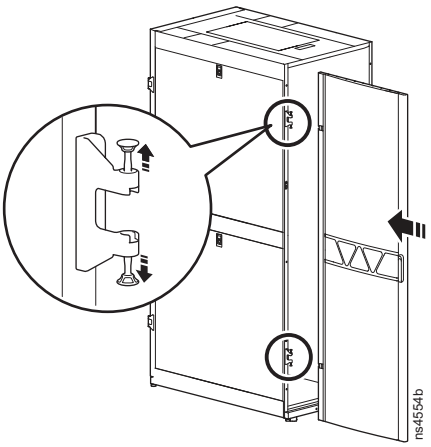
⚠⚠ DANGER

HAZARD OF ELECTRIC SHOCK

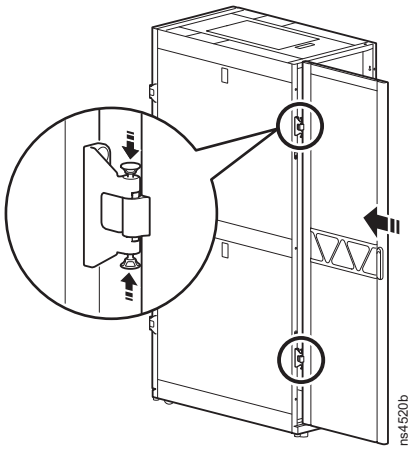
- Ground wires on the doors must be connected while the doors are installed.

Failure to follow these instructions will result in death or serious injury.

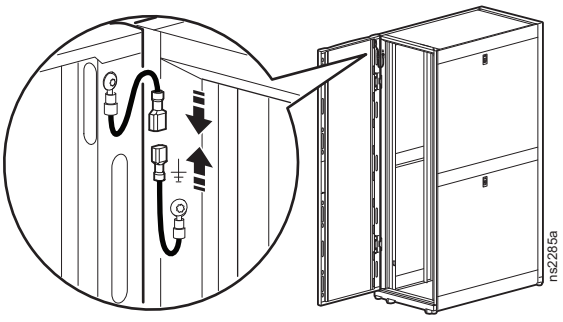
1. Start with the hinge pins in the open position. Pull the top hinge pin up and the bottom hinge pin down. Insert the door at a 90° angle to the rack and into position with the opened hinge pins.



2. When the door is positioned between both opened hinges, close the hinge pins by pushing the top hinge pin down and the bottom hinge pin up on both hinge assemblies.



3. Connect the ground wire on the door. Connect any other wires or cables that may have been disconnected when the door was removed.
   Close and lock the door.



Rack Customization

Reverse the Front Door

The front door can be reversed so that the door opens from the opposite side. This procedure assumes that initially, when facing the rack, the hinges are on the left and the door is opening from the right side.

Remove the Front Door

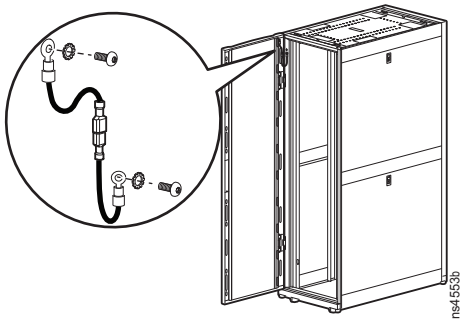
⚠ CAUTION

HEAVY EQUIPMENT HAZARD

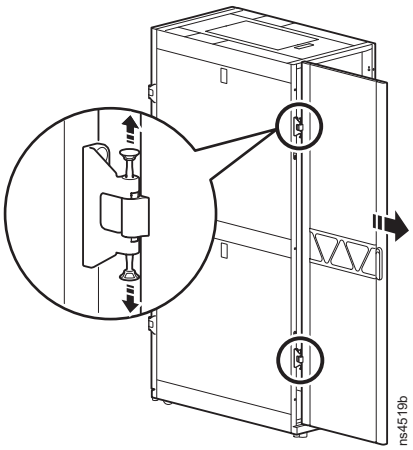
- The doors heavy. It is recommended that at least two people perform the removal and installation tasks.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

1. Remove the screws securing the ground wire to the door and frame.



2. Remove the door. Follow the instructions for removing the front door on page 14.



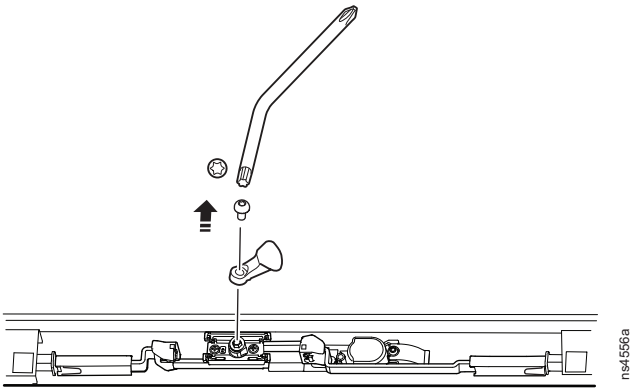
3. Lay the door on a flat surface.



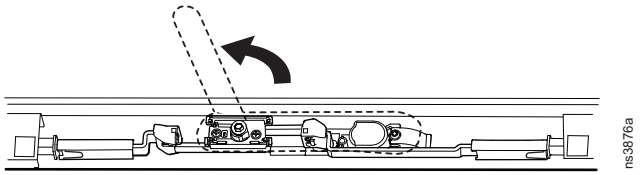
Reverse the Door Handle

NOTE: The door has been removed and placed on a flat surface.

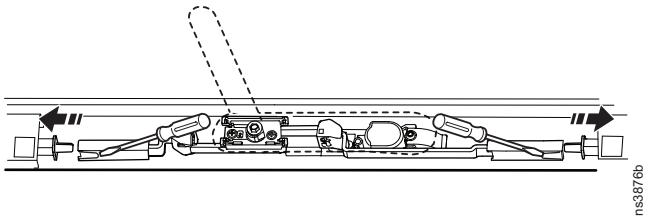
1. Remove the T30 screw securing the cam to the locking mechanism.



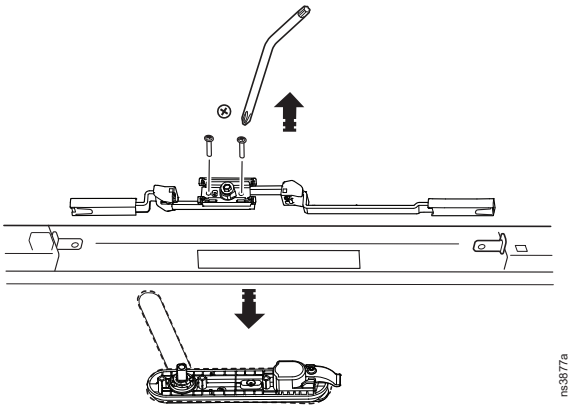
2. Turn the handle to the open position.



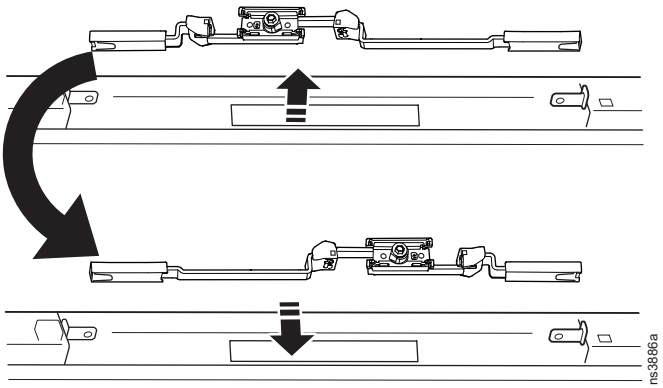
3. Use a flat-tipped screwdriver to release the locking mechanism from the plastic retaining brackets. Pull the retaining brackets from the latching ends of the locking mechanism.



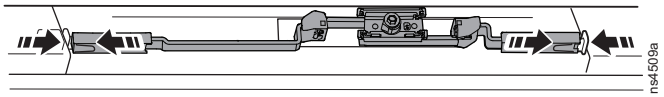
4. Remove the Phillips head screws then, separate the handle assembly and locking mechanism from the door.



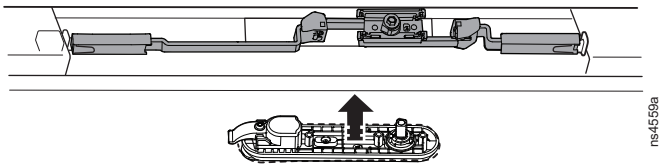
5. Rotate the locking mechanism assembly 180° as shown in the illustration.



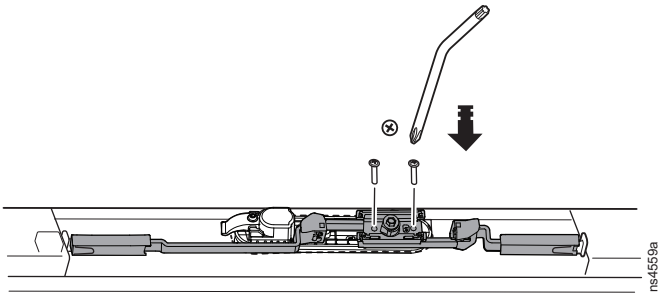
6. Press the retaining brackets fully into the latching ends of the locking mechanism.



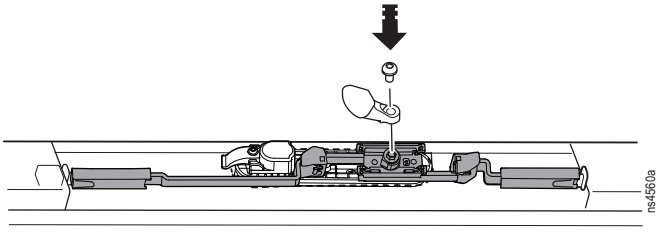
7. With the handle in the closed position, insert the handle assembly through the cutout in the door and into the locking mechanism.



8. Secure the handle assembly to the locking mechanism with the two (2) Phillips head screws.

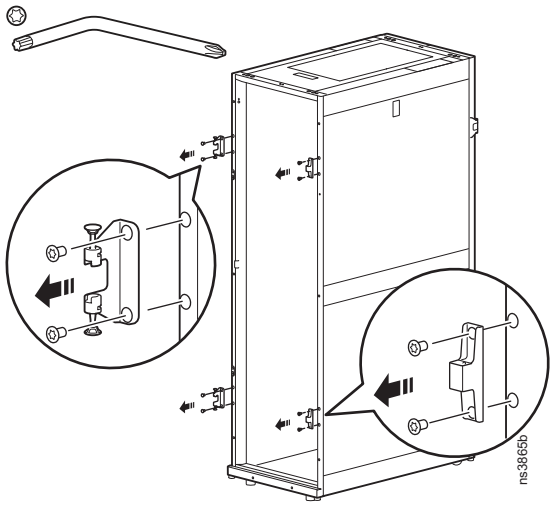


9. Reverse the cam 180° (from its original position when removed). See Step 1 in “Reverse the Door Handle” on page 17 to confirm the correct position. Secure the cam to the locking mechanism with the T30 screw.

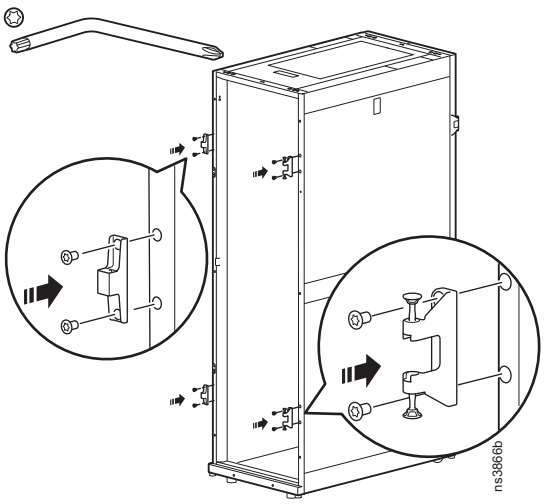


Reverse the Hinges and Latches

1. Remove the T30 screws securing the hinges and latches to the rack.



2. Remove the hinges and latches. Save the T30 screws, hinges, and latches for the installation step.
3. Use the T30 screws removed in the previous step to install the hinges and latches.
4. Install the hinges on the right side of the rack where the latches were removed.
5. Install the latches on the left side of the rack where the hinges were removed.



Install the Door

⚠⚠ DANGER

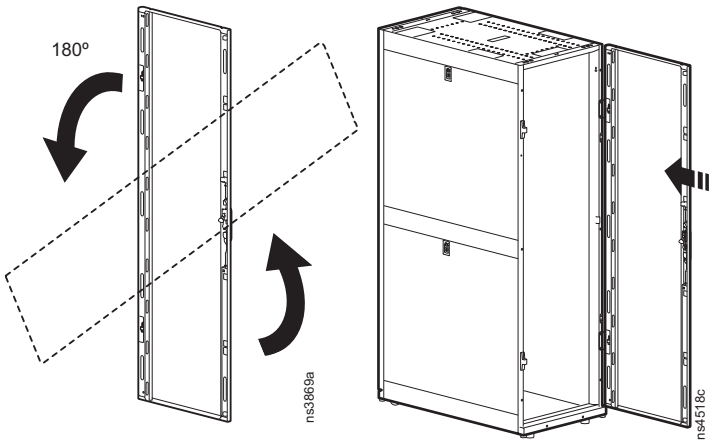
HAZARD OF ELECTRIC SHOCK

- Ground wires on the doors must be connected while the doors are installed.

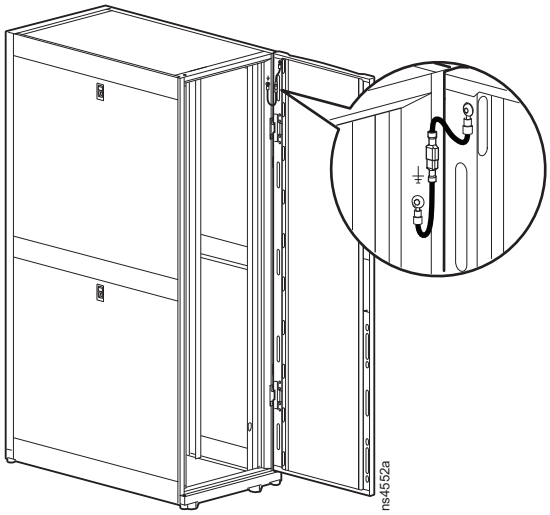
Failure to follow these instructions will result in death or serious injury.

1. The door, with its locking mechanism reversed, is rotated 180° from its original position to install to the hinges.

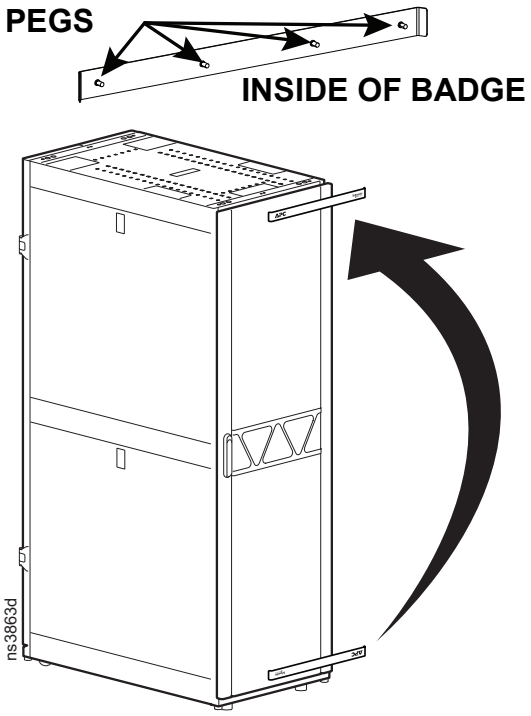
   The hinges and latches have been moved to the new configuration. Follow the Door Installation instructions on page 15.



2. Install the ground wire on the right side of the frame where the hinges are located and to the door.



3. Reverse the logo badge. Once the door has been reversed, the logo badge will now be on the bottom of the door. Push the four (4) pegs that hold the logo badge through the holes of the mesh in the door. Rotate the logo badge and install to holes in the mesh at the top of the door.



Equipment Installation

NOTE: NetShelter SX 2nd Generation cabinets are intended for use with Listed equipment. Carefully evaluate the safety of any configuration using un-Listed equipment.

Vertical Mounting Rails

Equipment is secured to the vertical mounting rails. The installation of some equipment may require adjusting the position of the vertical mounting rails.

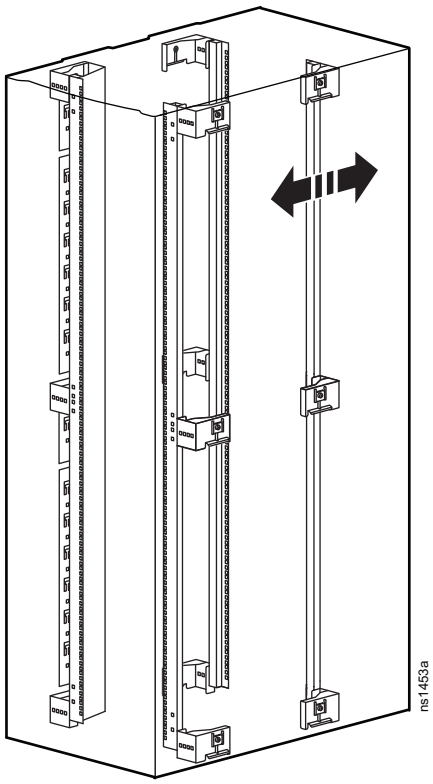
The vertical mounting rails can be moved towards the front or rear of the cabinet to accommodate different rails or equipment of various depths.

Default depth of factory installed vertical mounting rails:

- 1070 mm (42.13 in) deep cabinet: 558.8 mm (22 in)
- 1200 mm (47.24 in) deep cabinet: 749.3 mm (29.5 in)

The minimum rail depth is 279.4 mm (11 in). The maximum rail depth is as follows:

- 1070 mm (42.13 in) deep cabinet: 819 mm (32.25 in)
- 1200 mm (47.24 in) deep cabinet: 959 mm (37.75 in)



Adjust the Vertical Mounting Rails

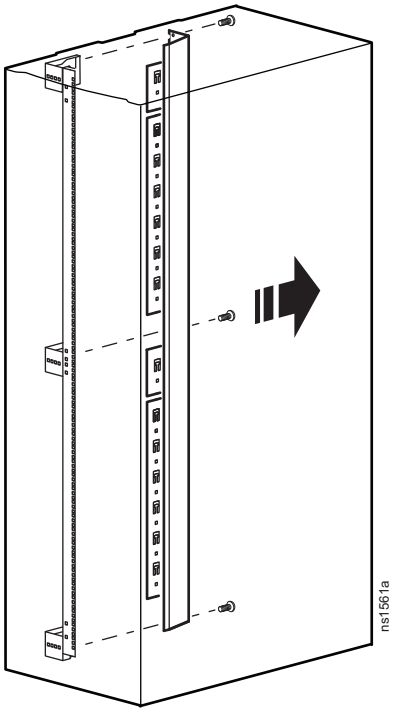
⚠ CAUTION

FALLING EQUIPMENT

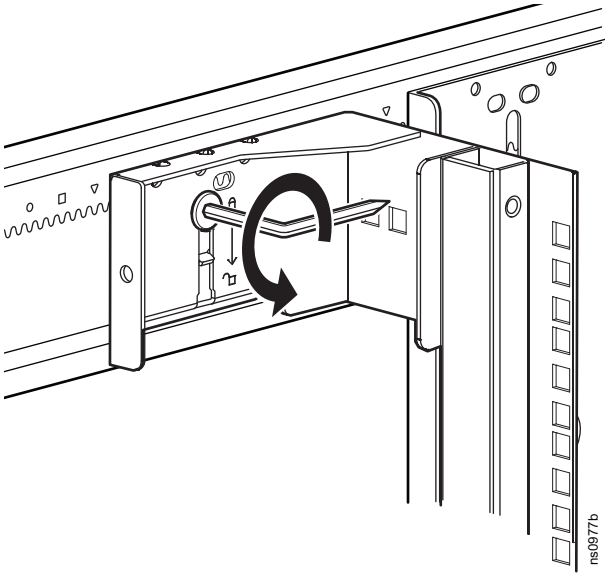
- Vertical mounting rails must have all rail-mounted equipment removed before any adjustments are attempted.

Failure to follow these instructions can result in minor or moderate injury.

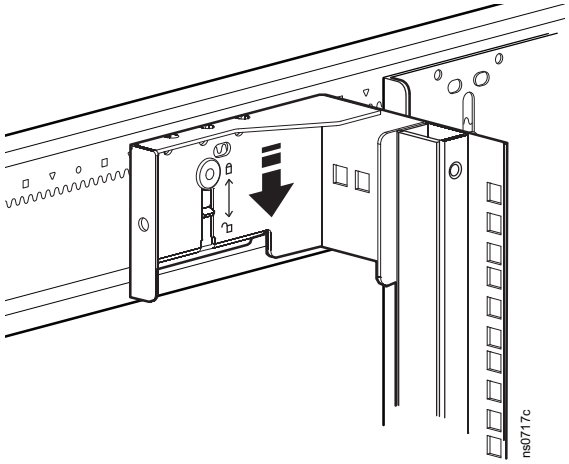
1. Remove the cable manager from the front left vertical mounting rail.



2. Use the Torx T30/#2 Phillips wrench (provided) to loosen each of the three screws, located at the top, bottom, and middle of the rail.



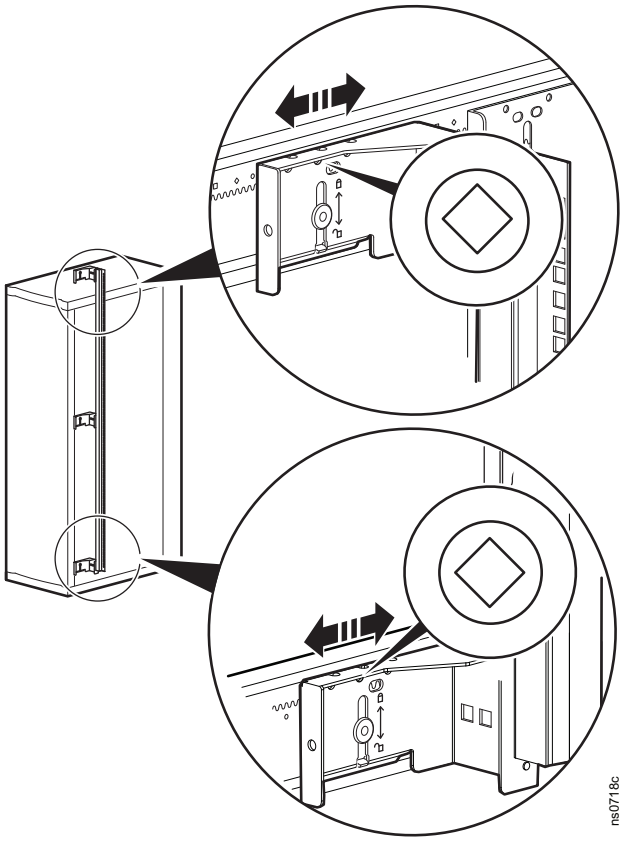
3. Lower the three flat brackets, which unlock the vertical mounting rail, and slide the vertical mounting rail to the desired location.



NOTE: Vertical mounting rails adjust in 6 mm (1/4 in) increments.

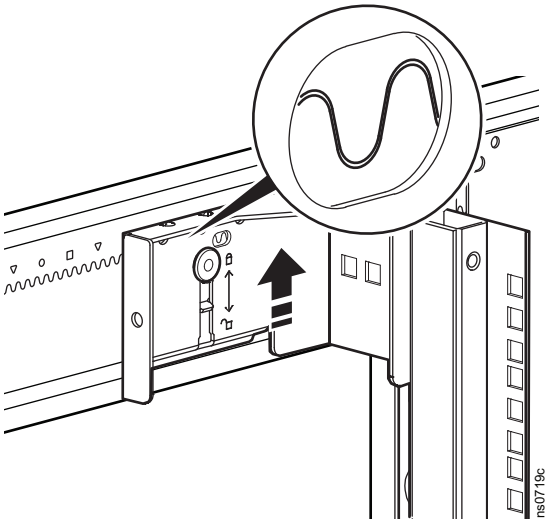
4. Locate the visible symbol (in the illustration, a diamond), along the vertical mounting rail. To align the vertical mounting rail, make sure the same symbol is visible through all three corresponding holes.

   NOTE: In the factory-standard position, diamonds are visible.



5. Ensure all vertical mounting rails have the same visible symbol.

6. When the vertical mounting rail is aligned (top, middle, and bottom), raise the flat bracket until the teeth in the bracket engage fully with the teeth in the side brace. Then tighten the screws, locking the rail in place.



Install Equipment in the Cabinet

⚠ WARNING

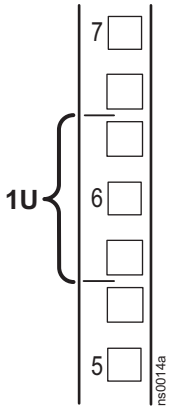
TIP HAZARD

- This cabinet is easily tipped. Follow all tipping precautions during and after equipment installation.
- Secure the cabinet to the floor before installing equipment.
- Install the heaviest equipment first toward the bottom of the cabinet to prevent the cabinet from becoming top heavy.
- Do not extend equipment on sliding rails until minimum of 158 kg (350 lbs) of equipment is installed into the bottom of the cabinet. Alternately, the stabilizer plate or bolt-down brackets can also be installed. Do not extend more than one piece of equipment on sliding rails at a time.

Failure to follow these instructions can result in death or serious injury.

Identify one U-space on the vertical mounting rail

- Review the equipment manufacturer's installation instructions.
- When installing equipment, locate the top and bottom of a U-space on the mounting rails.
- Every third hole on the mounting rails is numbered to indicate the middle of a U-space.
- A U-space consists of a numbered hole, and the hole immediately above and below it, as shown.



Cage nuts

Schneider Electric offers a cage nut hardware kit (AR8100) for use with square holes.

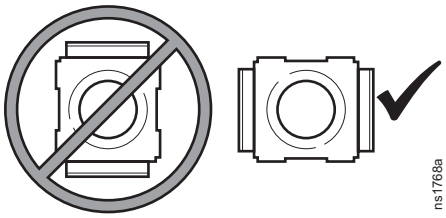
⚠ CAUTION

FALLING EQUIPMENT

- Do not install cage nuts vertically with the ears engaging the top and bottom of the square hole.

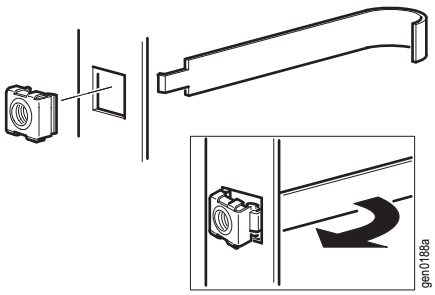
Failure to follow these instructions can result in minor or moderate injury.

- Install cage nuts horizontally, with the ears engaging the sides of the square hole.
- Install the cage nuts on the interior of the vertical mounting rail.



Installation.

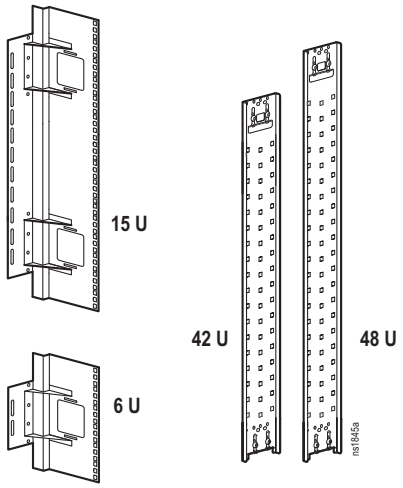
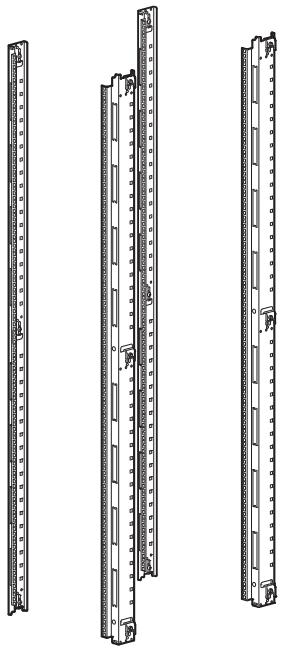
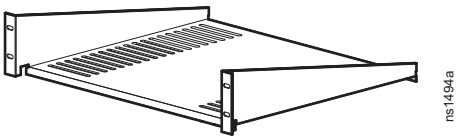
1. From inside of the cabinet, insert the cage nut into the square hole.
2. Hook one ear of the cage nut assembly through the far side of the hole.
3. Place the cage nut tool on the other side of the cage nut and pull to snap into position.



Removal.

1. Remove any attached screw.
2. Grasp the cage nut and squeeze the sides to release it from the square hole.

Equipment installation accessories (not provided)

Accessory	Part Number	Description	
Recessed rail kit	AR7508 (for a 42 U cabinet) AR7578 (for a 48 U cabinet)	Use the recessed rail kit to install equipment that has a different mounting depth from the other equipment in the cabinet.	
NetShelter SX 42 U, 23 in, EIA Mounting Rails	AR7510	For NetShelter SX 2nd Generation 42 U, 750 mm (29.53 in) wide cabinets (AR3140B2 and AR3340B2/W2) only, the mounting rails accommodate 23 in rack mountable equipment.	
Fixed shelf 50 lb	AR8105BLK	Cantilever fixed shelf to enable the mounting of a monitor or other equipment into the rack environment or to allow cable pass-through from the front to rear of the cabinet.	

Completing the Installation

Airflow Management

NOTICE
EQUIPMENT DAMAGE • Improper airflow can damage installed components. Verify that the system provides the specified airflow for installed components. **Failure to follow these instructions can result in equipment damage.**

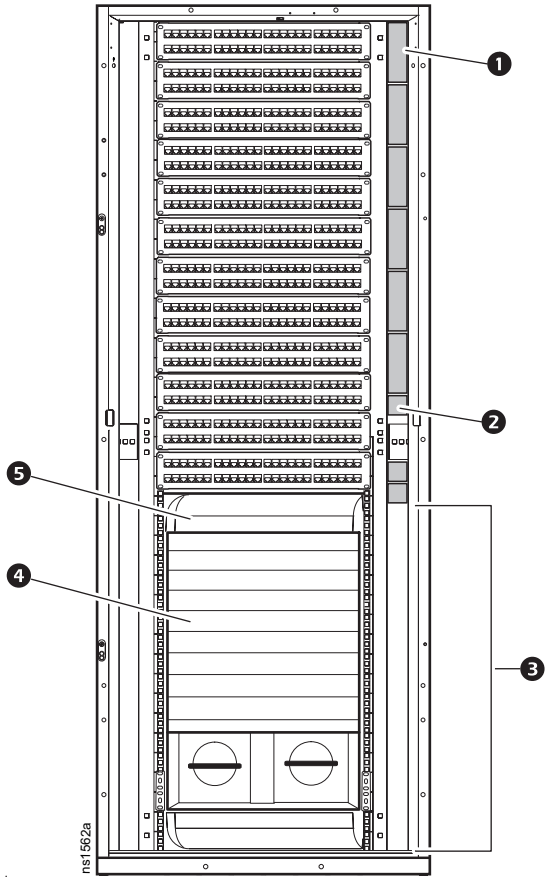
Foam airflow management panels assist in maintaining the required airflow. The panels install toollessly and direct airflow by covering empty vertical cabinet space.

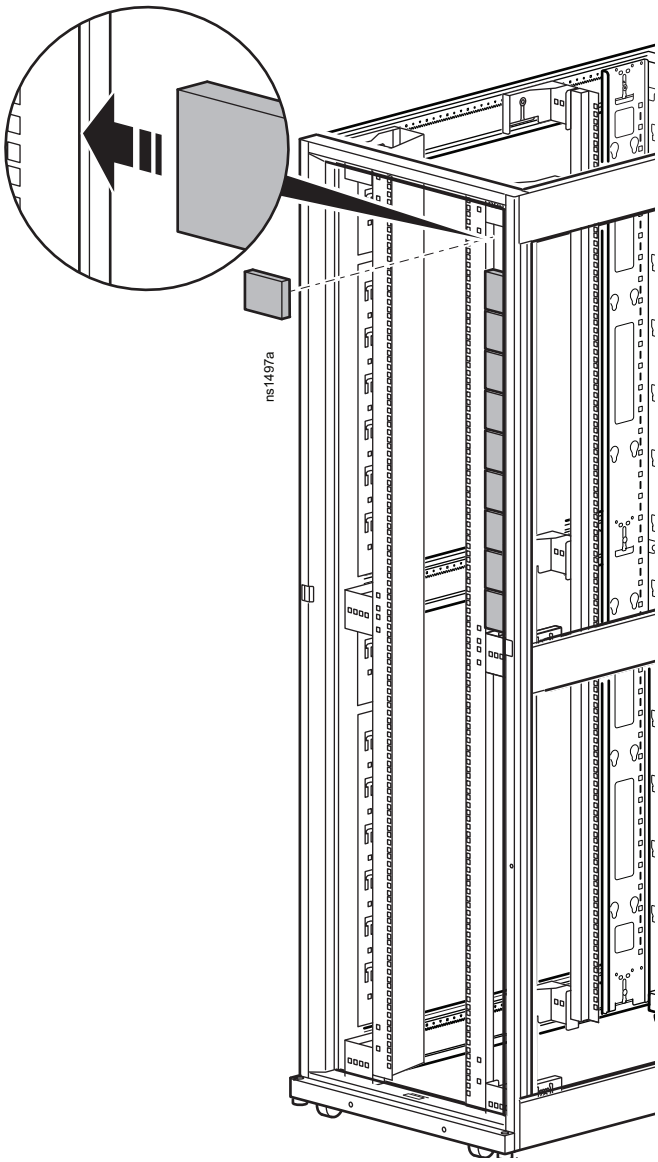
Foam Airflow Management Panel Installation

Install airflow management panels in the channel along the right vertical mounting rail next to inactive equipment such as patch panels, as seen below. 1 U ❷ and 3 U ❶ panels help isolate hot air and prevent it from entering the cold aisle. The left side of the cabinet does not require panels.

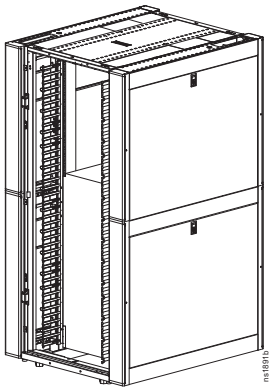
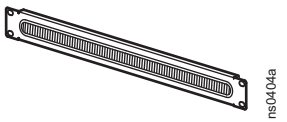
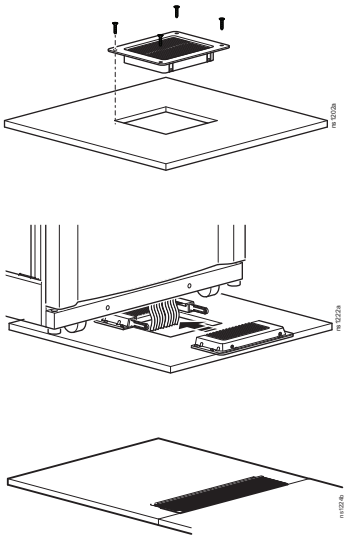
NOTES:

- The networking switch air intake areas ❸ and the side airflow duct kit inlets ❺ must remain unobstructed to ensure proper airflow into the networking switches ❹.
- Install the airflow management panels before installing any cabling.





Airflow management accessories (not provided)

Accessory	Part Number	Description	
NetShelter SX Side Airflow Solution Kit	Required for Cisco Nexus 7018 Switch (AR7742 & AR7747)	Installs onto the NetShelter SX 1200-mm Networking Cabinet (AR3340B2/W2 or AR3347B2) and increases the width of the cabinet by 127 mm (5 in) on each side, providing the side-to-side airflow required by the switch. Internal baffles isolate hot and cold air in the cabinet.	
Airflow Management Blanking Panel	AR8136BLK (Qty. 10) AR8136BLK200 (Qty. 200)	Covers an empty vertical cabinet space to maintain proper airflow.	
1 U horizontal cable organizer with brush strip	AR8429	19 in, 1 U cable pass-through assists with containing air in the cabinet and providing an aesthetic solution for cable routing.	
KoldLok® raised floor grommet	AR7720 (Qty. 10) AR7730 (Qty. 10) AR7740 (Qty. 10)	Designed to seal openings in new raised floor cutouts prior to the installation of communications or power cabling.	

Cable Routing and Cable Management

The NetShelter SX 2nd Generation cabinet has cable access openings on its roof, sides, and bottom.

Four vertical cable managers and two Vertical 0 U accessory channels are included with the cabinet and offer a variety of other cable management accessories.

Vertical 0 U Accessory Channels

The vertical 0 U accessory channels provide toolless mounting capabilities for Rack Power Distribution Units (PDUs), cable containment brackets, and cable tie-off locations.

The factory-default position for the vertical 0 U accessory channels is in the rear of the cabinet.

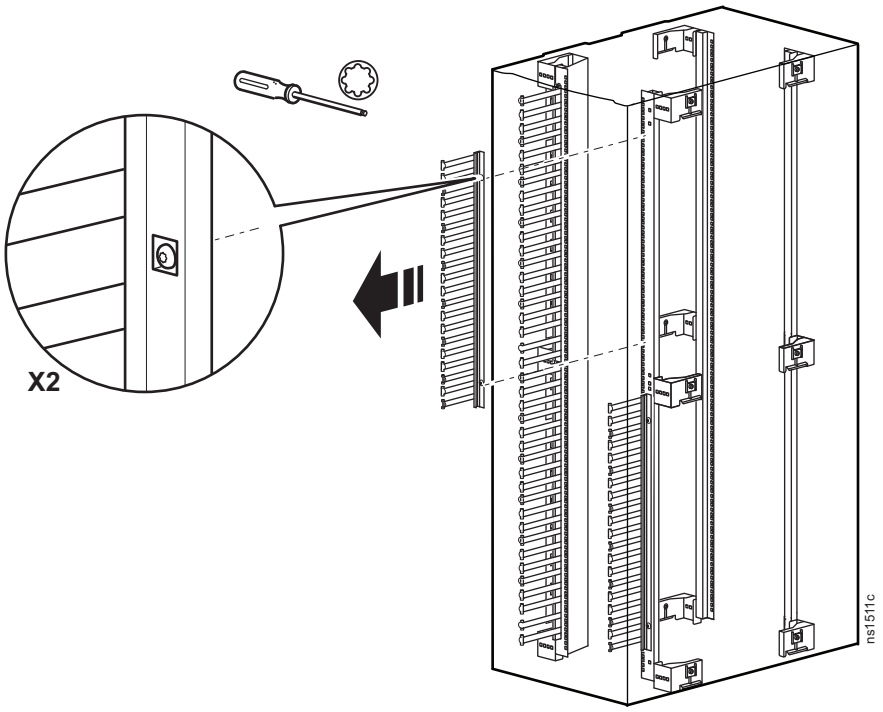
You can position the vertical accessory channels anywhere along the side braces or remove them completely. Adjustment is similar to adjusting the vertical mounting rails (see “Adjust the Vertical Mounting Rails” on page 23).

Additional vertical 0 U accessory channels are available for order.

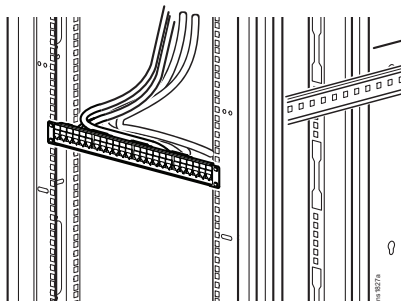
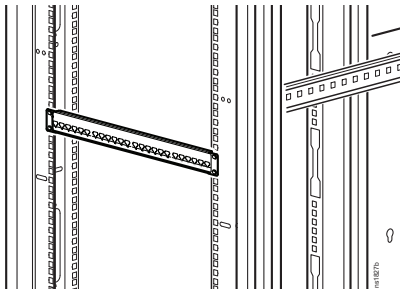
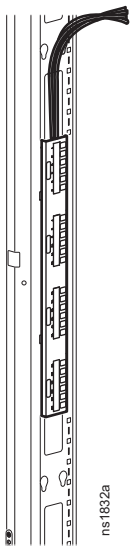
Vertical Cable Managers

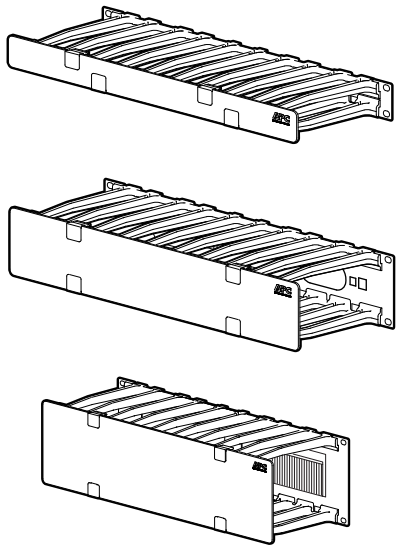
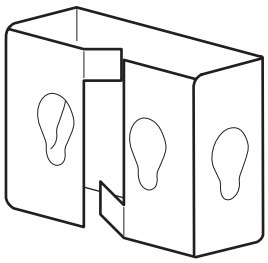
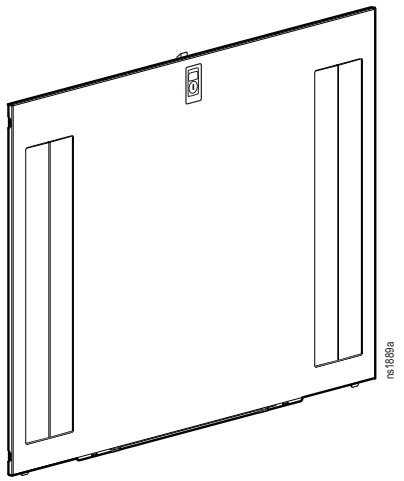
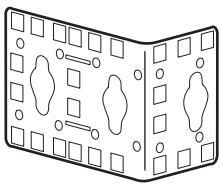
Remove vertical cable managers for cable routing purposes.

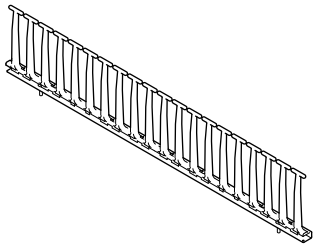
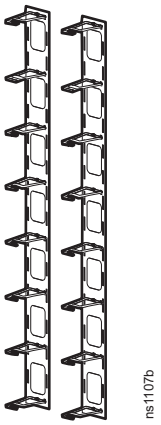
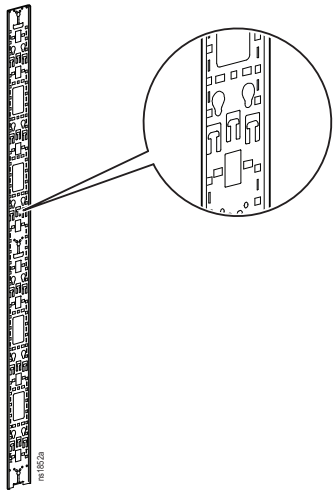
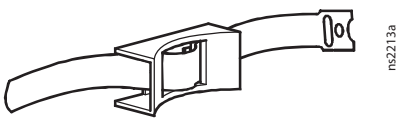
Re-install vertical cable managers on the vertical 0 U accessory channels.

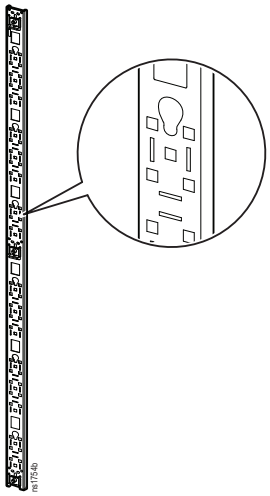
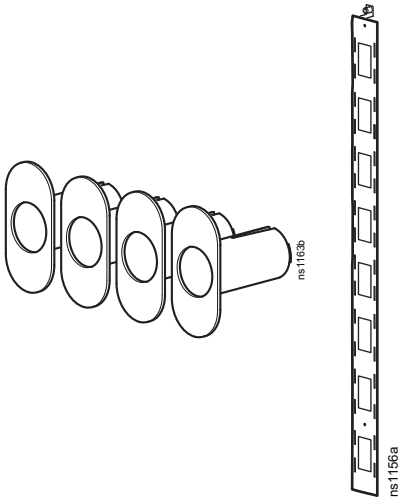
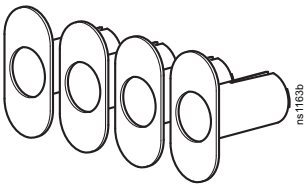


Cable management accessories (not provided)

Accessory	Part Number	Description	
1 U data distribution panel 2 U data distribution panel	AR8451 (shown) AR8452	Holds four data distribution cables, for a total of 24 ports. Holds eight data distribution cables, for a total of 48 ports.	
CAT 6 Patch Panel	CAT6PNL-24 (shown) CAT6PNL-48	24-port RJ45 to 110 568 A/B color-coded patch panel. 48-port RJ45 to 110 568 A/B color-coded patch panel.	
0 U data distribution panel	AR8457	Installs in a vertical 0 U accessory channel. Holds four data distribution cables, for a total of 24 ports.	

Accessory	Part Number	Description	
19 in horizontal cable organizers	AR8602A: 1 U, 4 in AR8612: 1 U, 6 in (shown) AR8600A: 2 U, 4 in AR8603A: 2 U, 6 in AR8606: 2 U, 6 in (shown) AR8605: 3 U, 6 in (shown)	Routes cables horizontally on the front or back of the 19 in EIA cabinet.	
Cable containment brackets (Qty. 6)	AR7710	Contains cables along the vertical 0 U accessory channel. Installs without tools.	
Side panel with access holes	AR7305A (Qty. 2)	For a NetShelter SX 2nd Generation 42U, 1 070 mm (42.13 in) deep cabinet (AR3140B2) only. Allows cable pass-through to adjacent cabinets. Openings contain brushes to restrict airflow.	
0 U accessory mounting bracket (Qty. 2)	AR7711	0 U, multi-purpose accessory mounting bracket for 1 U and 2 U equipment, including Rack PDUs.	

Accessory	Part Number	Description	
Vertical cable manager	AR7717A	For NetShelter SX 2nd Generation 42U cabinets (AR3140B2 and AR3340B2/W2) only. Installs in the vertical mounting flanges and in the vertical 0 U accessory channels. The vertical cable manager has smooth plastic cable guides at 1 U increments to allow patch cords to enter and exit in an organized manner.	
Vertical cable organizer for NetShelter 0 U accessory channel	AR8442 (Qty. 2)	Eliminates cable stress by organizing cable layout within the rear channels of the cabinet. Uses 0 U space within the cabinet. Consists of two pieces of equal size. When stacked, both pieces span the entire height of the cabinet. Two pieces can be installed side by side in the vertical 0 U accessory channel. Can be used in any APC cabinet.	
NetShelter SX 42 U vertical cable organizer NetShelter SX 48 U vertical cable organizer	AR7502 (Qty. 2) AR7572 (Qty. 2)	Installs in the cabinet along the side braces. Provides toolless mounting capabilities for APC Rack Power Distribution Units (PDU) and APC cable containment brackets. Provides tie-off locations for cables.	
Toolless hook and loop cable managers (Qty. 10)	AR8621	Includes ten 457 mm (18 in) hook and loop black cable straps that install in the square holes in the vertical 0 U accessory channel or the vertical mounting rail.	

Accessory	Part Number	Description	
NetShelter SX 42 U narrow vertical 0 U cable organizer	AR7511 (Qty. 2)	For NetShelter SX 2nd Generation 42U cabinets (AR3140B2 and AR3340B2/W2) only. The narrow vertical 0 U accessory channel complements the standard vertical 0 U accessory channel by offering additional cable management options. The narrow channel can be used in the front of the cabinet to mount fiber cable spools and vertical cable managers or in the middle of the cabinet for cable tie off. In addition, keyholes are provided to mount one vertical Rack PDU per organizer.	
Vertical fiber organizer	AR8443A	The vertical fiber organizer provides a method to manage fiber cabling within a cabinet and mounts toollessly into the vertical 0 U accessory channel.	
Fiber organizer spools	AR8444 (Qty. 4)	Can be mounted toollessly to the vertical fiber organizer or a vertical 0 U accessory channel.	

Specifications

	 AR3140B2	 AR3340B2/W2	 AR3347B2
Height	1991 mm (78.40 in)	1991 mm (78.40 in)	2258 mm (88.90 in)
Width	750 mm (29.53 in)	750 mm (29.53 in)	750 mm (29.53 in)
Depth	1070 mm (42.13 in)	1200 mm (47.24 in)	1200 mm (47.24 in)
Net weight	155.95 kg (343.10 lb)	161.36 kg (355.00 lb)	185.45 kg (408.00 lb)
Total open area (front door)	788 972 mm^2 (1,222.91 in^2)	788 972 mm^2 (1,222.91 in^2)	900 417 mm^2 (1,395.65 in^2)
Total open area (rear door)	866 920 mm^2 (1,343.73 in^2)	866 920 mm^2 (1,343.73 in^2)	989 243 mm^2 (1,533.33 in^2)
Open area per U (front door)	18 787 mm^2 (29.12 in^2)	18 787 mm^2 (29.12 in^2)	18 787 mm^2 (29.12 in^2)
Open area per U (rear door)	20 645 mm^2 (32 in^2)	20 645 mm^2 (32 in^2)	20 645 mm^2 (32 in^2)
Door Perforation pattern percentage	80%	80%	80%
Clearance (for wiring between front door and vertical mounting rail)	238.76 mm (9.40 in)	216.9 mm (8.5 in)	216.9 mm (8.5 in)
Weight rating: static load†	1818 kg (4,000 lb)	1818 kg (4,000 lb)	1818 kg (4,000 lb)
Weight rating: rolling	1134 kg (2,500 lb)	1134 kg (2,500 lb)	1134 kg (2,500 lb)

† Lower the leveling feet if the static weight is over 1134 kg (2,500 lb)

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