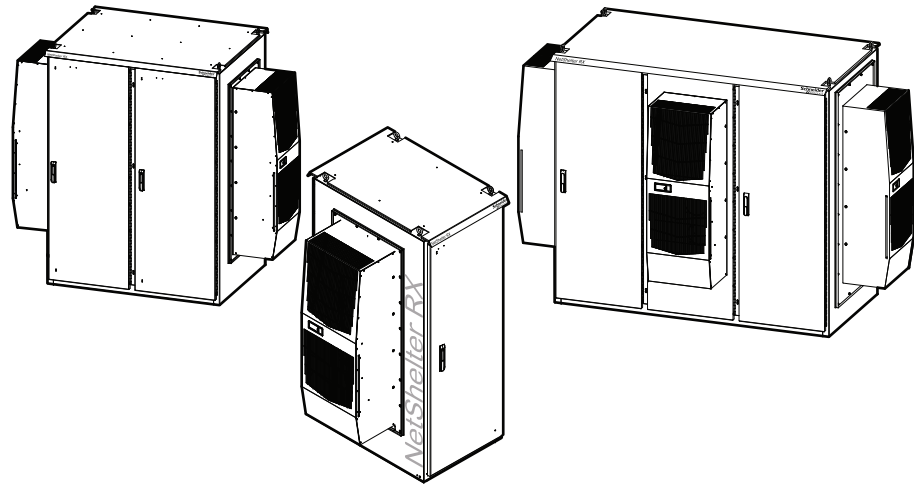




EcoStruxure™ MDC R-Series NEMA 4/4X Unpacking Instructions



AR5342, AR5342-2B, AR5342-3B, AR5333, AR5333-2B, AR5333-3B,

IMPORTANT SAFETY INSTRUCTIONS

⚠ WARNING

HEAVY EQUIPMENT/TIPPING HAZARD

- The enclosure is heavy. Use caution when lifting. Professional riggers are recommended for unloading and moving to the installation location.
- Wear appropriate personal protective equipment (PPE) and follow safe work practices.
- Unsecured, empty enclosures are a tipping risk, especially if doors are opened.
- To minimize the possibility of a tipping event, maintain the lifting equipment's physical connection, with tension, to the enclosure until the enclosure is secured to the mounting pad.

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

Receiving

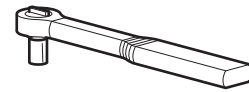
Inspect the Equipment

Carefully inspect the shipment for visible signs of damage. If you detect shipping damage, contact your shipping company immediately and Schneider Electric Customer Support at www.se.com.

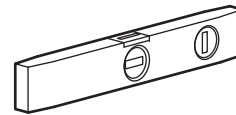


Recycle or dispose of the packaging materials appropriately.

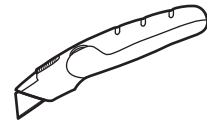
Tools Required (not provided)



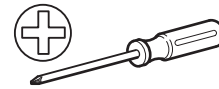
Socket wrench, 9/16 inch socket



Level



Box cutter



Phillips head screwdriver

Required Installation and Service Access

NOTICE

- The enclosure is intended for installation outdoors. A previously prepared surface must be available. Be sure your mounting surface is completely prepared (including power) before attempting to install this enclosure.
- Follow all local and national codes regarding the installation including the preparation of the location, electrical, lighting, signage, etc.

The placement of the enclosure is vital.

1. Be sure to survey the installation area.
2. The ground should be stable.
3. The area should not be prone to wet or flooding conditions.
4. The area should be level with any downhill grades leading away from the installation site to prevent standing water.

Mounting Pad

The surface of the mounting pad must be prepared before installing the enclosure.

1. If a concrete pad is used, it must be poured with sufficient time to cure properly (at least one week) before the enclosure is installed.
2. The concrete mixture must be calculated to ensure its composition can support the weight of the enclosure and its components.
3. The pad must be level.

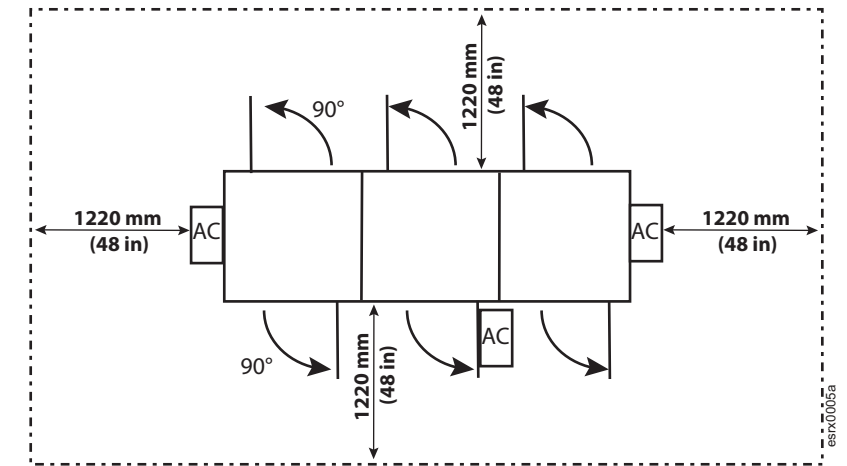
Electrical

1. Electrical service must be installed. If a concrete pad will be used, install the electrical conduit prior to pouring the pad.
2. The electrical conduit (the stub-up) must be optimally placed to permit access to the interior of the enclosure.
3. Have electrical conduit installed to the location using the dimensions of your enclosure to ensure the stub-up will be located under a bay floor panel of the enclosure.

Working Space

Provide sufficient space around the enclosure to allow the doors to fully open and for one or more persons to perform equipment installation or maintenance tasks. The air conditioning units also require sufficient space for maintenance.

The minimum recommended perimeter access clearance around the installed enclosure is 1220 mm (48 in).



9/2023

990-900011

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Customer support and warranty information is available at www.se.com

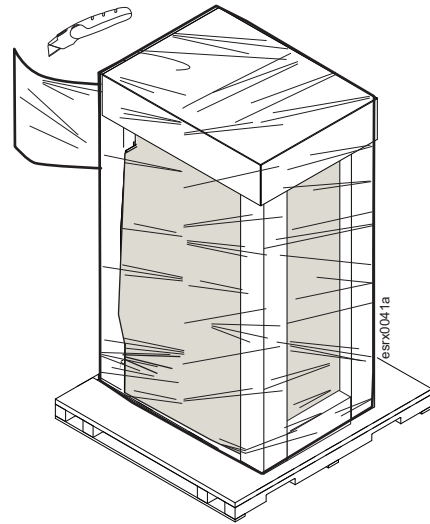
Worldwide Customer Support

Unpacking

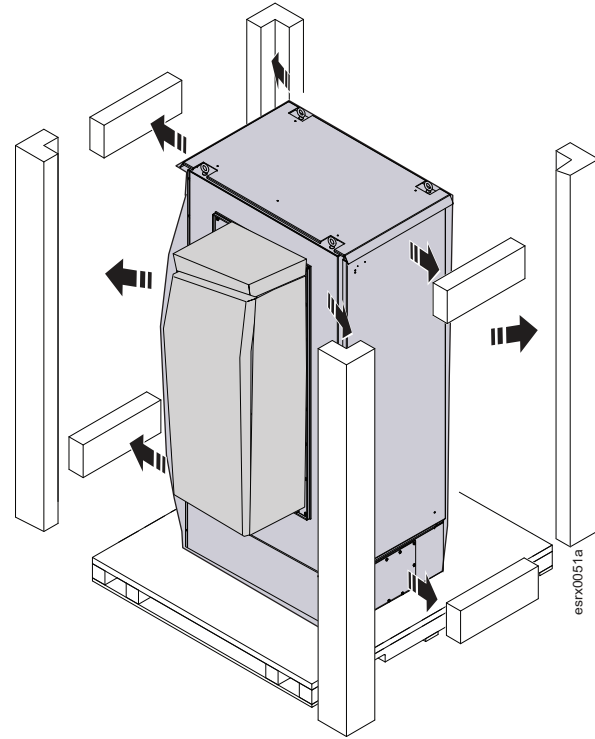
NOTICE

The enclosure is intended for installation outdoors on a previously prepared surface. Be sure your mounting surface is completely prepared (including power) before attempting to install this enclosure.

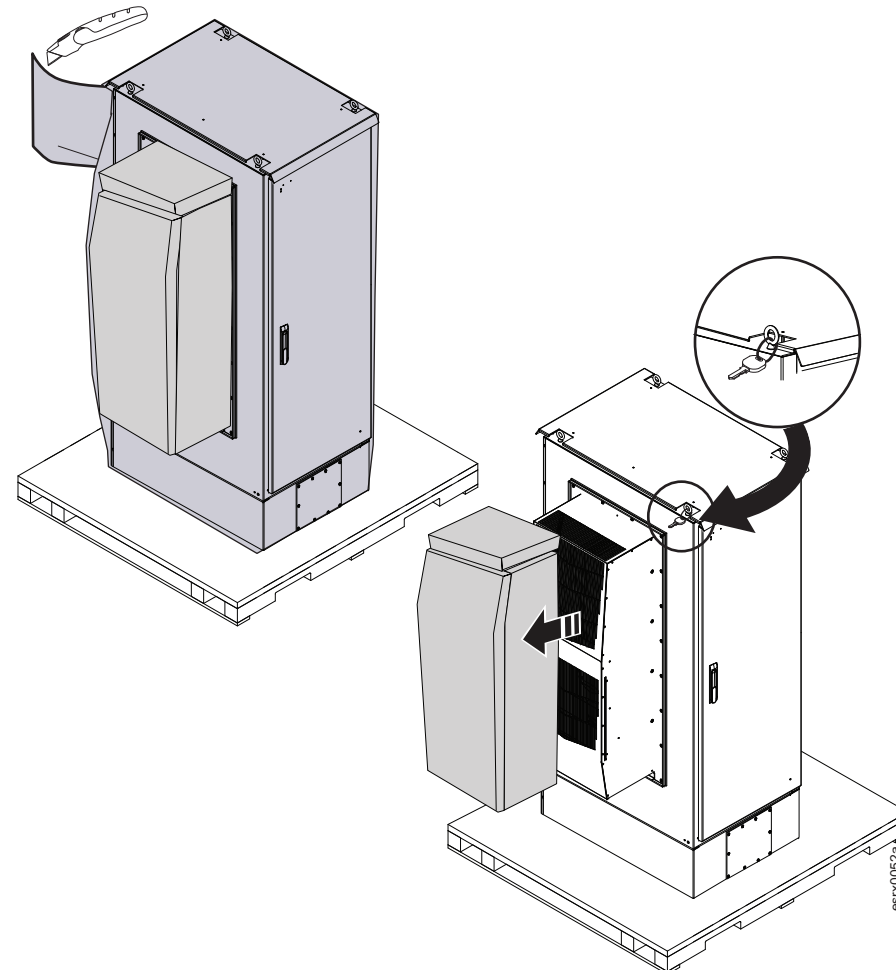
Cut the plastic wrap securing the cardboard top and corrugated cushioning pieces to the packaged enclosure.



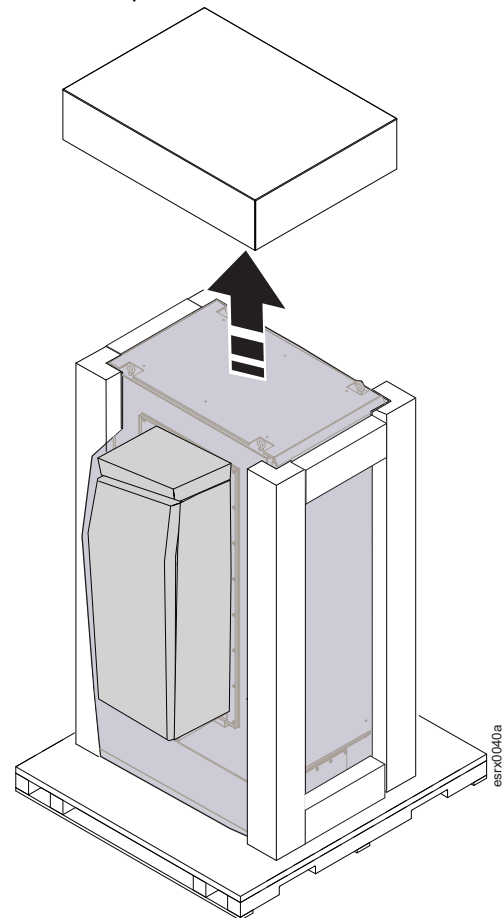
Remove the protective corrugated cardboard pieces.



Carefully cut and remove the foam sheets protecting the enclosure. Remove the protective foam panels covering the air conditioner(s). Remove the keys located in a small plastic bag attached to one of the lifting eyes. Secure the keys in a safe place until time to open the enclosure door.



Remove the cardboard top.



Lifting

Safety should be the first priority in lifting operations.

Survey the site for obstructions before lifting the MDC enclosure.

Straight line lifting mechanisms should be used when moving the MDC enclosure.

Verify that the total load is accurate before lifting and will not exceed the rated capacity of the lifting equipment.

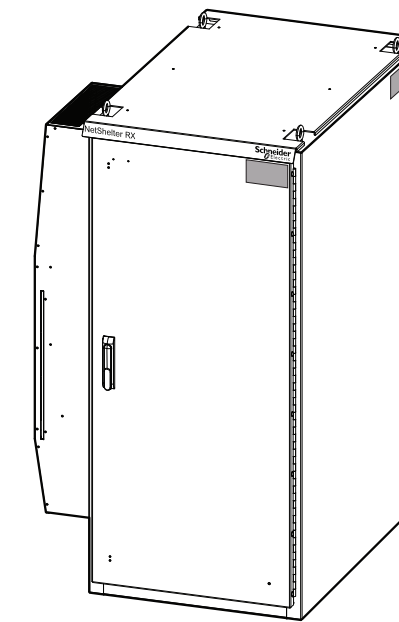
⚠ WARNING

HEAVY EQUIPMENT/TIPPING HAZARD

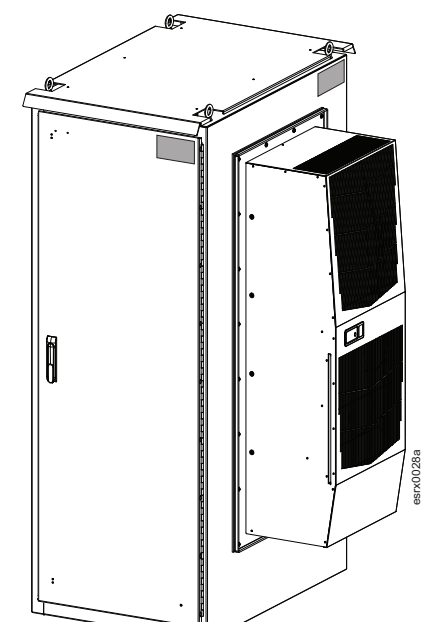
- The enclosure is heavy. Use caution when lifting. Professional riggers are recommended for unloading and moving to the installation location.
- Wear appropriate personal protective equipment (PPE) and follow safe work practices.
- Unsecured, empty enclosures are a tipping risk, especially if doors are opened.
- To minimize the possibility of a tipping event, maintain the lifting equipment's physical connection, with tension, to the enclosure until the enclosure is secured to the mounting pad.

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

Tip warning labels are located on all four sides of the enclosure. Follow the instructions carefully.

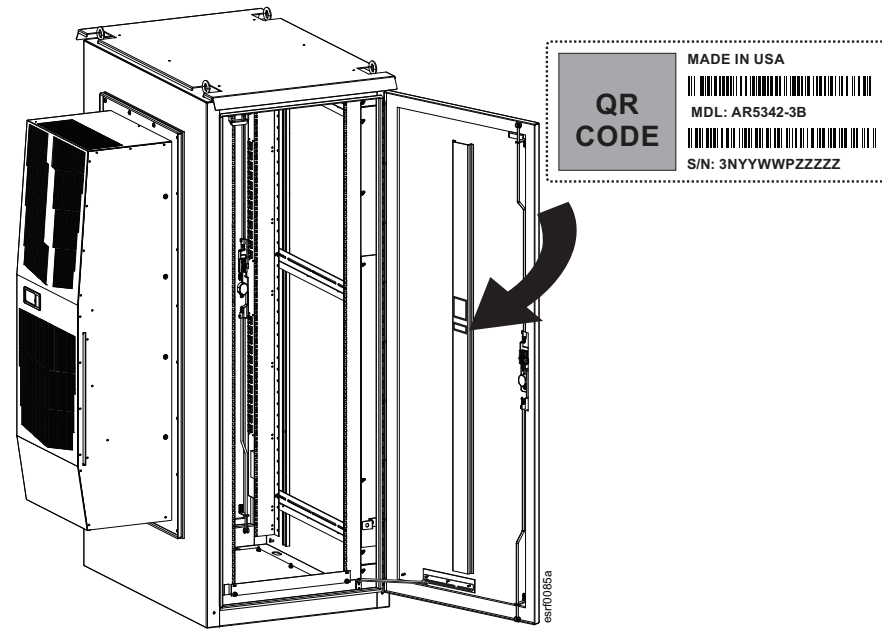


FRONT

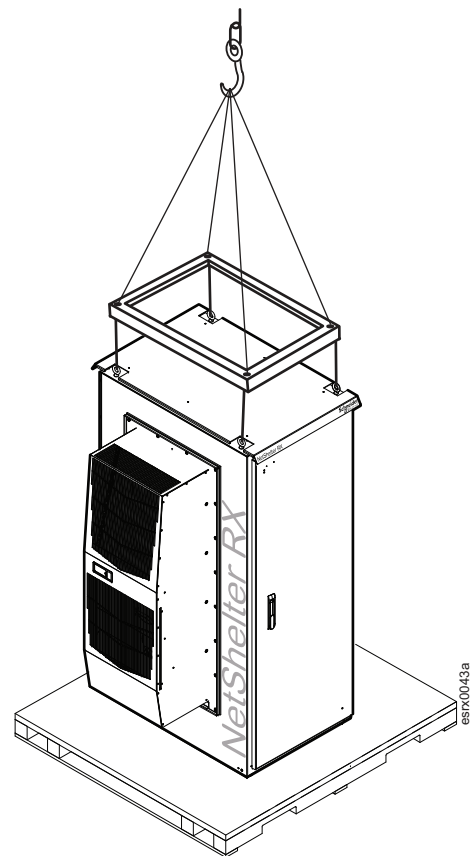


REAR

Use the QR Code on the label located on the inside of the door to access the Submittal Drawings for the enclosures (online). The Submittal Drawings contain the Weight and Center of Gravity tables which can assist in determining the equipment and procedures necessary to safely move the enclosure.



Use straight line lifting mechanisms when moving the MDC enclosure. Maintain lifting tension on unsecured enclosures to ensure tipping does not occur.



Pallet Removal

Lifting equipment should be secured to the eye bolts on the roof of the enclosure before attempting to remove the pallet. Maintain tension on the lifting equipment while releasing the enclosure from its pallet to ensure the enclosure does not tip.

⚠ WARNING

HEAVY EQUIPMENT/TIPPING HAZARD

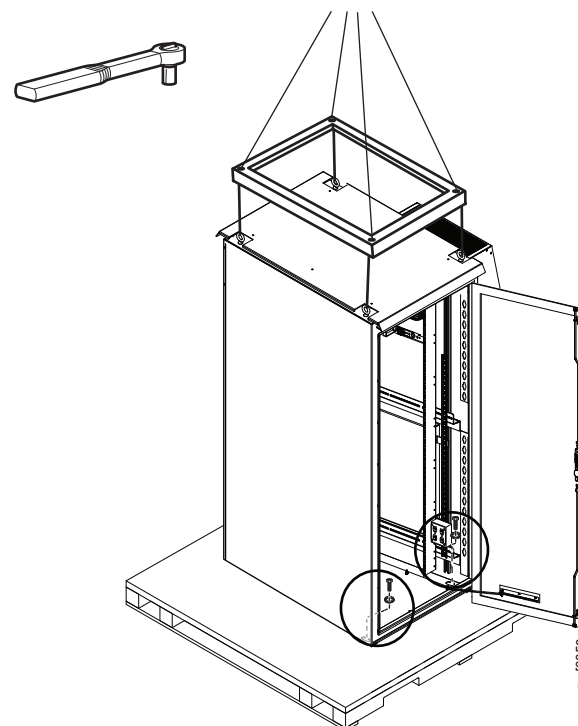
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Enclosures with No Plinth

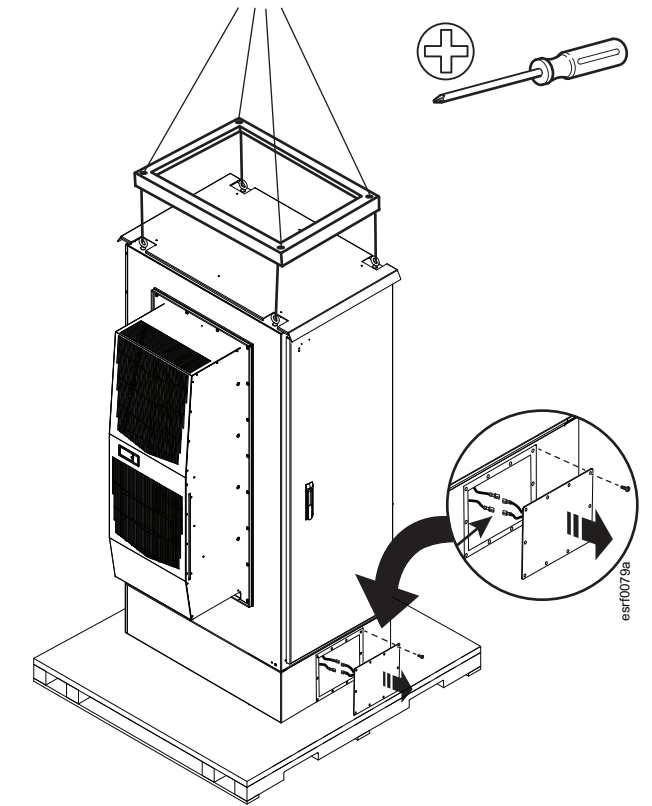
The enclosure is secured to the pallet with lag bolts and washers. The quantity will depend upon the size of your enclosure. Use a socket wrench with 9/16 inch socket. The lag bolts are removed from the inside of the enclosure.

If your enclosure does not include a plinth, unlock and open the doors to access the lag bolts. When all lag bolts have been removed, the enclosure can now be lifted from the pallet.

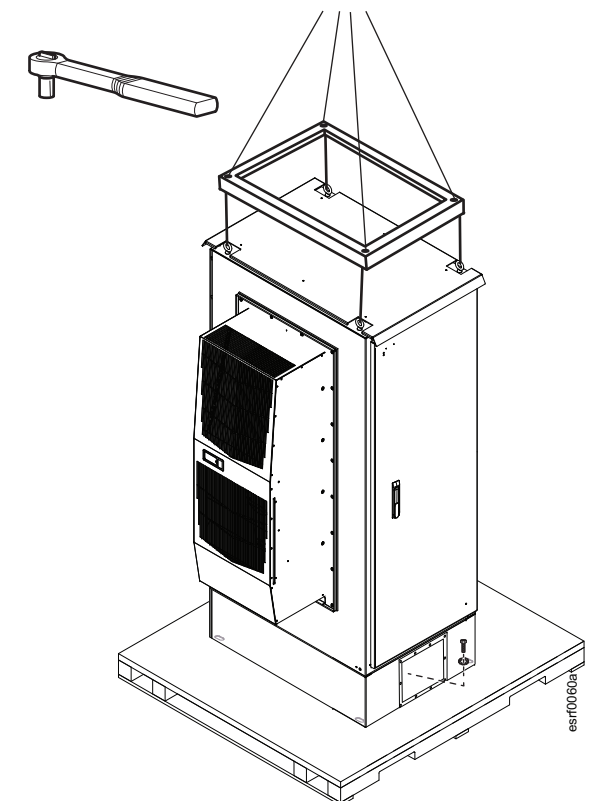


Enclosures with Plinth

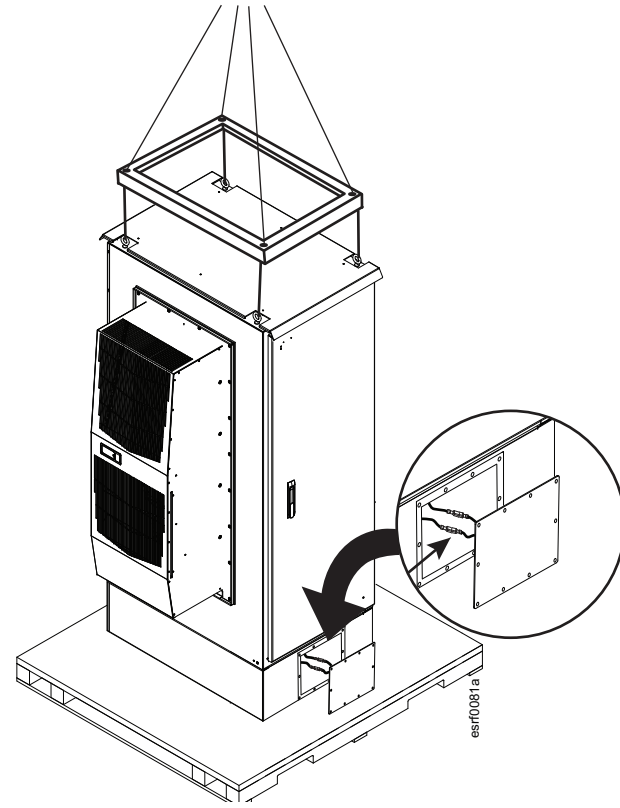
If your enclosure sits on a plinth, access to the lag bolts is from the access cover plate of the plinth. Remove the ten (10) Phillips head screws to remove the cover plate. Disconnect the ground wires attached to the access cover plate. Save the cover plate and screws to reinstall later.



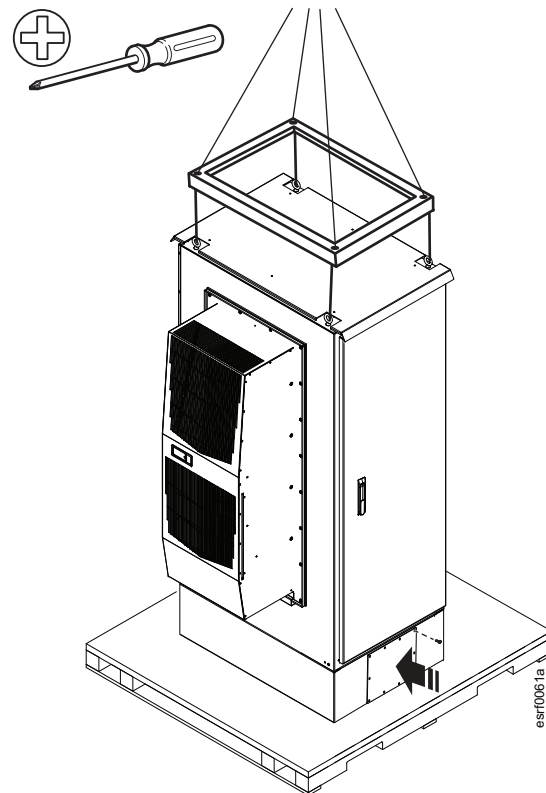
From the access opening in the plinth, remove the lag bolts securing the base of the plinth to the pallet. Use a socket wrench with 9/16 inch socket.



Reconnect the ground wires on the plinth access cover plate.



Install the access cover plate using the ten (10) Phillips head screws previously removed. The enclosure can now be lifted from the pallet.



Specifications

Enclosures (without plinth)

| SKU | U-Space | Shipping Dimensions - mm (in) H x W x D | Shipping Weight kg (lb) |
|-----------|---------|---|----------------------------|
| AR5342 | 42U | 2215.7 x 1727.2 x 1574.8 (87.2 x 68 x 62) | 248.9 (547.6) |
| AR5342-2B | 84U | 2215.7 x 2489.2 x 1574.8 (87.2 x 98 x 62) | 393.3 (865.3) |
| AR5342-3B | 126U | 2215.7 x 3251.2 x 1574.8 (87.2 x 128 x 62) | 541.8 (1192.0) |
| AR5333 | 33U | 1796.7 x 1727.2 x 1574.8 (70.7 x 68 x 62) | 216.9 (477.2) |
| AR5333-2B | 66U | 1796.7 x 2489.2 x 1574.8 (70.7 x 98 x 62) | 356.3 (783.9) |
| AR5333-3B | 99U | 1796.7 x 3251.2 x 1574.8 (70.7 x 128 x 62) | 491.8 (1082.0) |

Enclosures (with 12 inch plinth)

| SKU | U-Space | Shipping Dimensions - mm (in) H x W x D | Shipping Weight kg (lb) |
|-----------|---------|---|----------------------------|
| AR5342 | 42U | 2520.5 x 1727.2 x 1574.8 (99.2 x 68 x 62) | 262.6 (577.7) |
| AR5342-2B | 84U | 2520.5 x 2489.2 x 1574.8 (99.2 x 98 x 62) | 413.3 (909.3) |
| AR5342-3B | 126U | 2520.5 x 3251.2 x 1574.8 (99.2 x 128 x 62) | 567.4 (1248.3) |
| AR5333 | 33U | 2101.5 x 1727.2 x 1574.8 (82.7 x 68 x 62) | 230.6 (507.3) |
| AR5333-2B | 66U | 2101.5 x 2489.2 x 1574.8 (82.7 x 98 x 62) | 376.3 (827.9) |
| AR5333-3B | 99U | 2101.5 x 3251.2 x 1574.8 (82.7 x 128 x 62) | 517.4 (1138.3) |

Enclosures (with 6 inch plinth)

| SKU | U-Space | Shipping Dimensions - mm (in) H x W x D | Shipping Weight kg (lb) |
|-----------|---------|---|----------------------------|
| AR5342 | 42U | 2368.1 x 1727.2 x 1574.8 (93.2 x 68 x 62) | 253.6 (557.9) |
| AR5342-2B | 84U | 2368.1 x 2489.2 x 1574.8 (93.2 x 98 x 62) | 406.3 (893.9) |
| AR5342-3B | 126U | 2368.1 x 3251.2 x 1574.8 (93.2 x 128 x 62) | 558.4 (1228.5) |
| AR5333 | 33U | 1949.1 x 1727.2 x 1574.8 (76.7 x 68 x 62) | 221.6 (487.5) |
| AR5333-2B | 66U | 1949.1 x 2489.2 x 1574.8 (76.7 x 98 x 62) | 369.3 (812.5) |
| AR5333-3B | 99U | 1949.1 x 3251.2 x 1574.8 (76.7 x 128 x 62) | 508.4 (1118.5) |