

Installation Instructions

VersaEdge™ Wall-Mount Cabinet



WARNING: Improper use of this product may lead to serious injury. Read and understand all instructions for proper installation and use of this product.

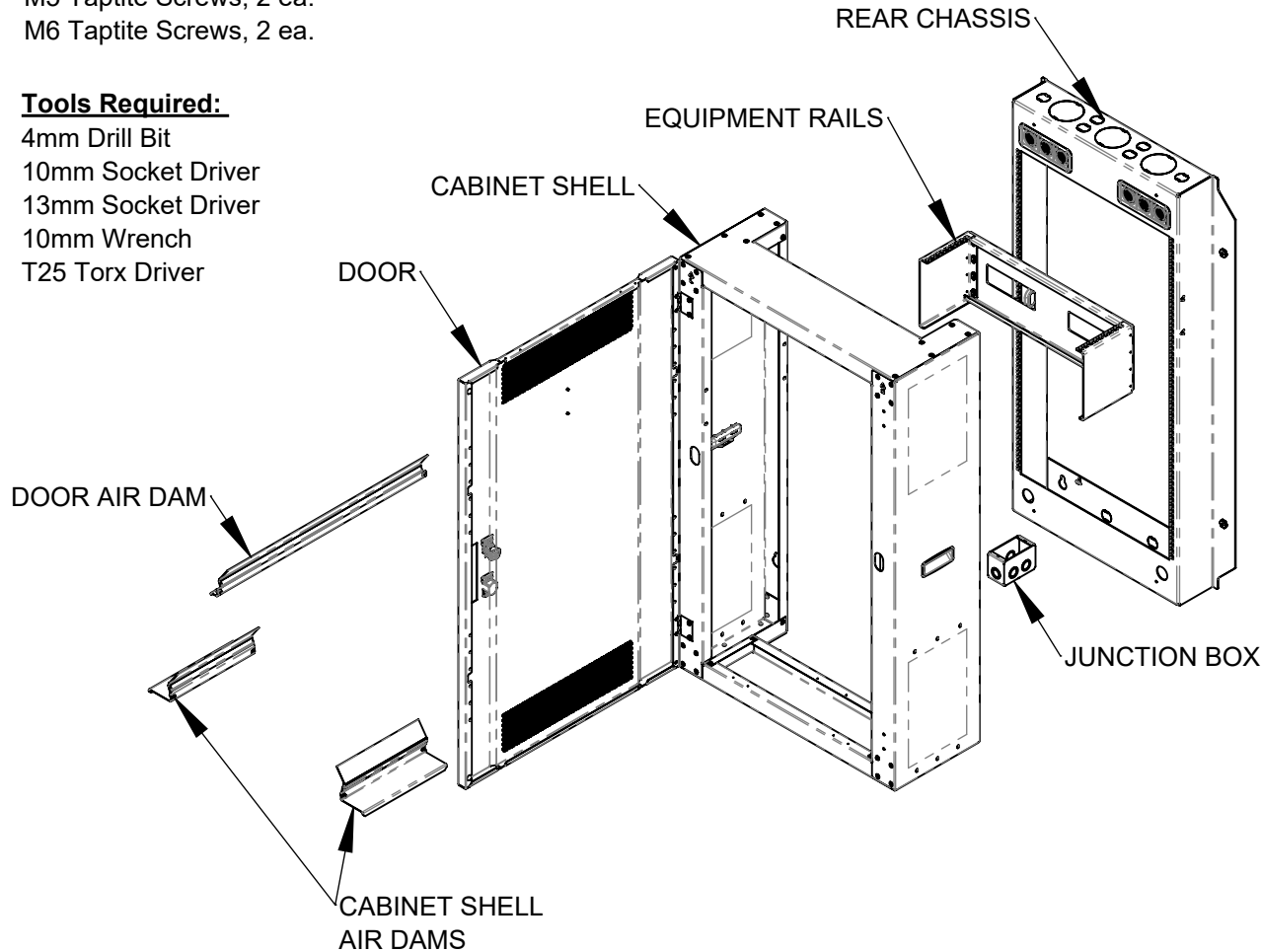
Included Hardware:

M8 Lag Screws, 4 ea.
M5 Taptite Screws, 2 ea.
M6 Taptite Screws, 2 ea.

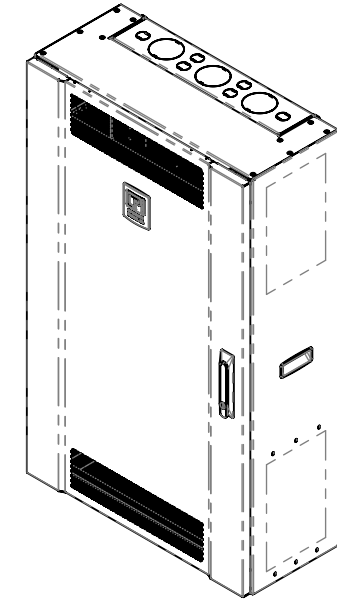
Tools Required:

4mm Drill Bit
10mm Socket Driver
13mm Socket Driver
10mm Wrench
T25 Torx Driver

Included Components:



3U VersaEdge™ Wall-Mount Cabinet shown



Accessories Sold Separately:

Mounting Bracket (43065-701) see page 2
Universal Accessory Panel (43045-X01) see page 3
Bonding Jumper (40159-009) see page 3

Accessory Tools:

8mm Socket Driver
T30 Torx Driver
9/16" Socket Driver
9/16" Wrench
#2 Screwdriver



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Installation Instructions

The Rear Chassis (Fig. 2) mounts to the wall using (4) Lag Screws in the orientation shown. An optional Mounting Bracket (Fig. 1) (43065-701) is sold as a separate accessory and can be used for ease of installation.

1. Position the Mounting Bracket on the wall with a level on the top flange. Ensure there is at least 42" of room underneath the Mounting Bracket.
2. Using a 4mm Drill Bit, drill pilot holes in the outermost holes of the Mounting Bracket (16" spacing) into the wood studs. The inner holes can be used for 12" stud spacing, with the use of a plywood mounting medium. Once pilot holes are drilled, set the Mounting Bracket aside.
3. Using an M13 Socket Driver, screw (2) Lag Screws into the pilot holes of the drywall with the screw heads protruding about 3/8" from the wall.
4. Hang the Rear Chassis on the Lag Screws using the keyhole slots on the backside. Using the 4mm Drill Bit, drill pilot holes into the wood studs through the bottom (2) keyhole slots of the Rear Chassis.
5. Using an M13 Socket Driver, screw the remaining (2) Lag Screws into the bottom pilot holes. Tighten down all Lag Screws to secure to the wall.

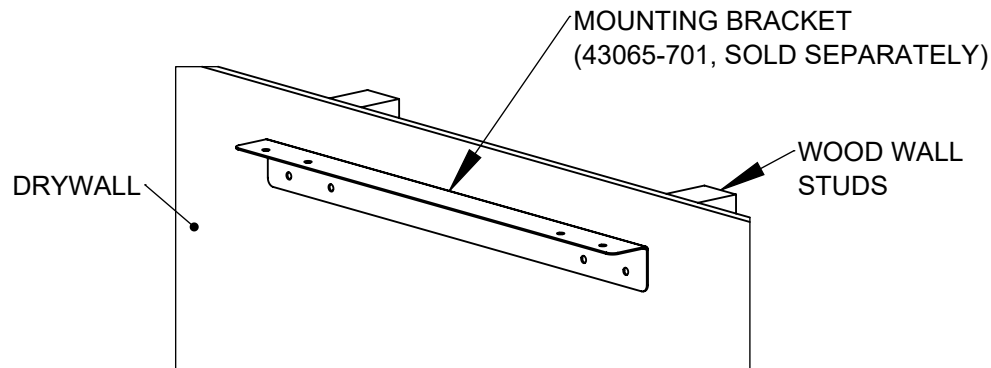


Fig. 1

LOAD RATING: 625lbs (283kg)

*Load Rating is specific to the included hardware only.

NOTE:

The cabinet must be secured using all (4) Lag Screws provided. The screws are intended to go into standard drywall and into wood wall studs. For masonry surfaces, installer must provide appropriate hardware. For wood studs that are not spaced 16" apart, plywood should be used as a mounting medium between the cabinet and drywall.

Mounting Hole Pattern

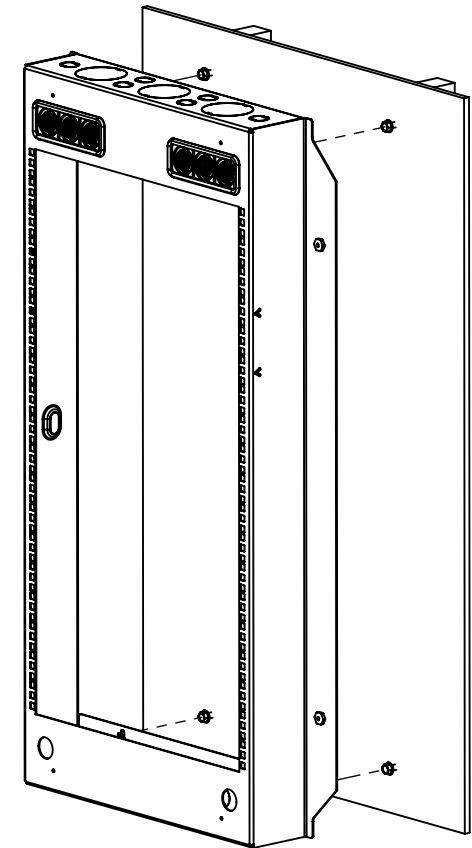
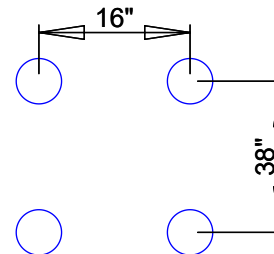


Fig. 2



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VersaEdge™ Wall-Mount Cabinet

NOTE:

If the included Junction Box or a Universal Accessory Panel (43045-X01) accessory are being installed, it is recommended to prioritize the installation of these to avoid interference with the Bonding Jumper (40159-009) accessory and the included Equipment Rails.

Preliminary Accessory Installation

The included Junction Box (Fig. 3) is installed onto the bottom of the Rear Chassis using the (2) included M5 Taptite Screws and a T25 Torx Driver. Due to offset mounting holes, note the orientation of the Junction Box before removing knockouts to ensure proper installation. The Junction Box must be installed before the Universal Accessory Panel.

The Universal Accessory Panel is sold as a separate accessory. Refer to IIS-743045 for installation of the Universal Accessory Panel (Fig. 4).

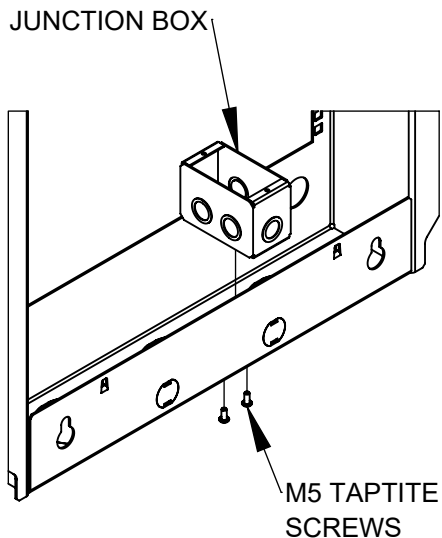


Fig. 3

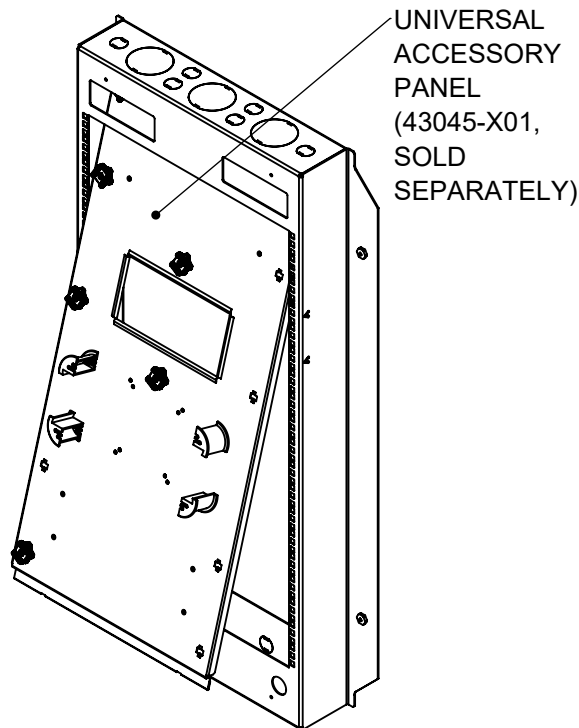


Fig. 4

Bonding Jumper Installation

The Bonding Jumper (Fig. 5) is sold as a separate accessory and installs onto the Rear Chassis grounding emboss using (2) M6 Taptite Screws.

1. Peel off the film from the grounding emboss on the Rear Chassis, exposing bare metal.
2. Attach the Bonding Jumper (40159-009) using the included M6 Taptite Screws with a T30 Torx Driver.

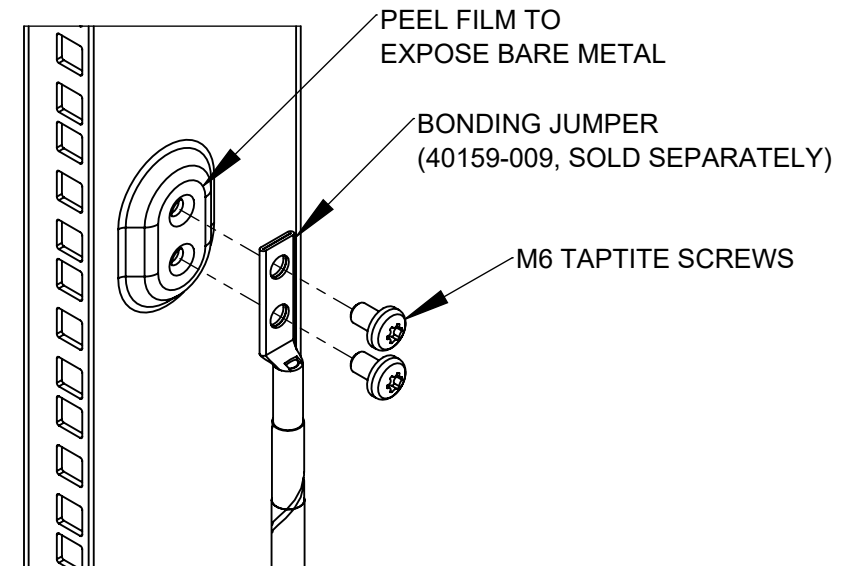


Fig. 5

Installation Instructions

VersaEdge™ Wall-Mount Cabinet

Equipment Rail Installation

Installation Instructions

The included Equipment Rails (Fig. 6) install onto the Rear Chassis using (8) M6 Hex Bolts/Nuts. The Equipment Rails must be installed biased towards the top of the cabinet in order to ensure proper hot and cold air partitioning.

1. Using the hooks on the backside of the Equipment Rails (Fig. 7), hang the Equipment Rails onto the Rear Chassis in one of the approved mounting locations (Fig. 8).
2. Fasten the Equipment Rails to the Rear Chassis using the (8) M6 Hex Bolts and Nuts, with a 10mm Socket Driver and 10mm Wrench.
3. If the Equipment Rails are installed in one of the lower approved mounting locations (Fig. 9), then the Cabinet Shell Air Dams must be reinstated in the lower mounting location (Fig. 10) to ensure proper functionality.

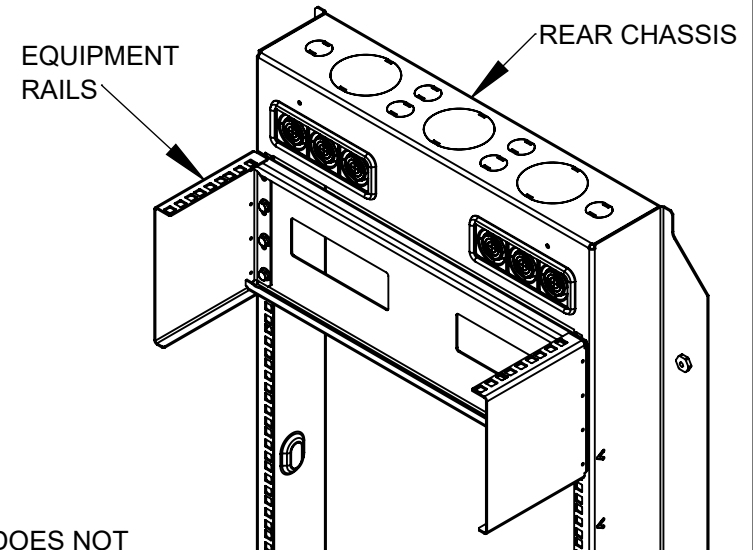


Fig. 6

HOOK RAILS ONTO
REAR CHASSIS FOR
EASE OF INSTALLATION

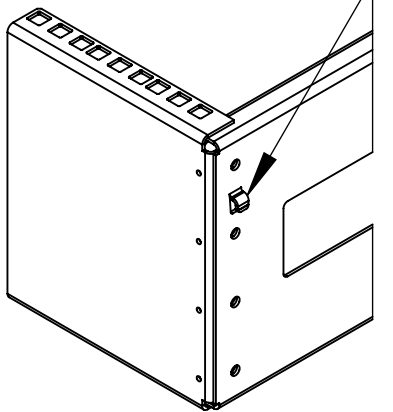


Fig. 7

ENSURE AT LEAST ONE OF
THE REAR CHASSIS ARROWS
LINE UP WITH AN EQUIPMENT
RAIL HOLE TO ENSURE
PROPER CABINET AIRFLOW
PARTITIONING

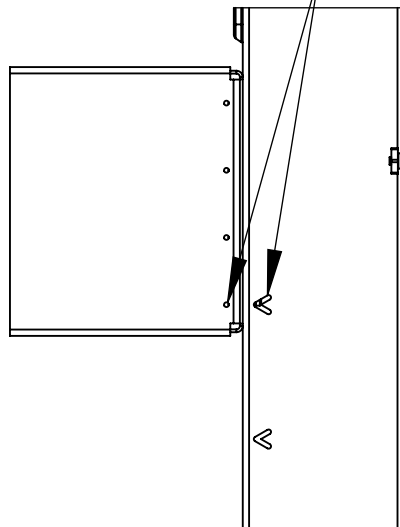


Fig. 8

IF THE TOP ARROW DOES NOT
ALIGN WITH AN EQUIPMENT
RAIL HOLE, THE CABINET
SHELL AIR DAMS MUST BE
INSTALLED IN THE LOWER
MOUNTING LOCATIONS

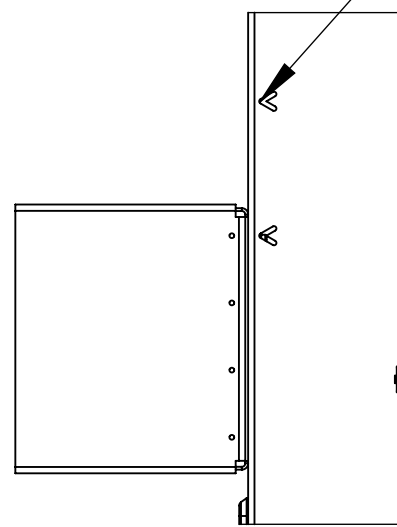


Fig. 9

LOWER CABINET SHELL
AIR DAM MOUNTING
LOCATIONS

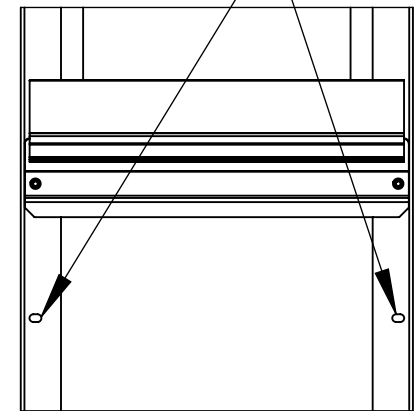


Fig. 10

Installation Instructions

VersaEdge™ Wall-Mount Cabinet

Equipment Limitations

NOTE:

The included Equipment Rails support 3U, 6U, or 9U vertically mounted equipment depending on the cabinet model. The maximum equipment depth for all cabinet models is 36". This only applies when the Equipment Rails are mounted in the top position (Fig. 11). Any lower rail position will reduce allowable depth (Fig. 12 & 13). Do not allow the equipment chassis to contact the Rear Chassis.

Equipment can also be installed horizontally on the Rear Chassis.

EQUIPMENT RAIL TOP MOUNTING POSITION

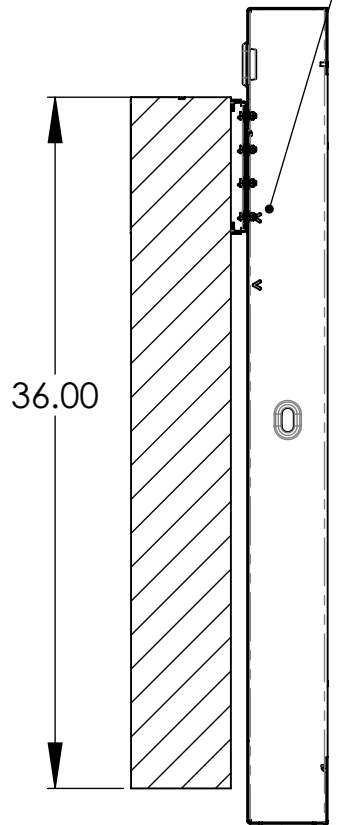


Fig. 11

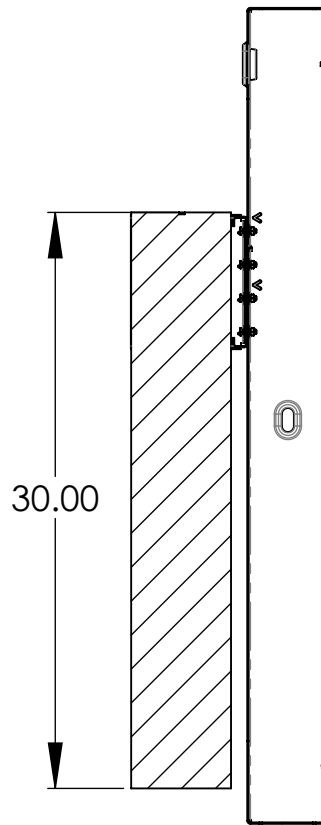


Fig. 12

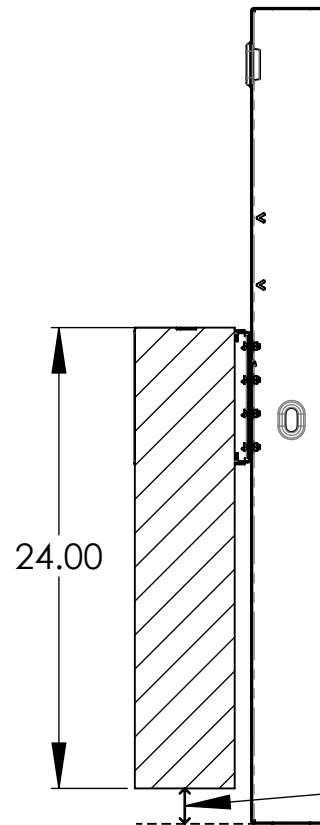
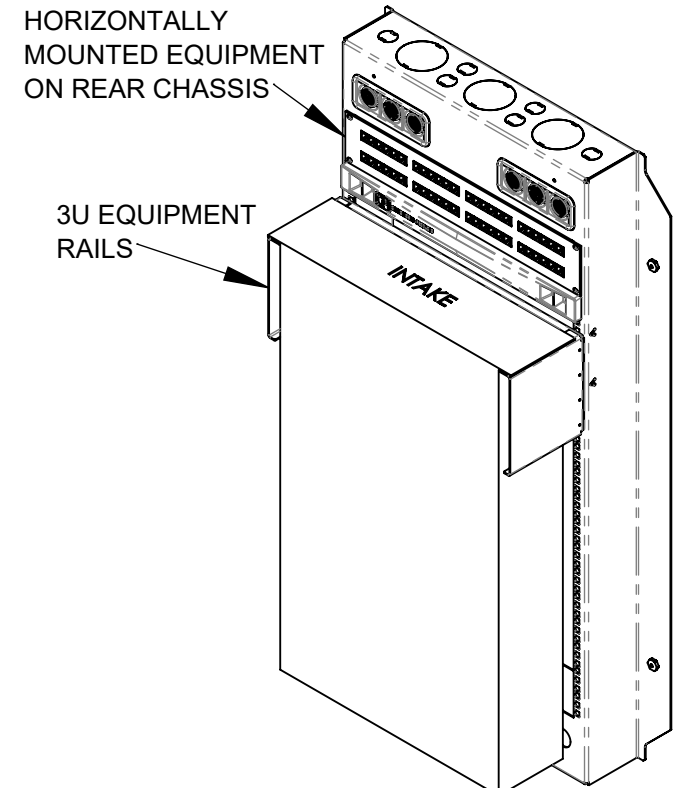


Fig. 13



(Fig. 12)

MAINTAIN 1.5" - 2" (38-50 mm)
VERTICAL CLEARANCE BETWEEN
EQUIPMENT AND BOTTOM FACE
OF REAR CHASSIS

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VersaEdge™ Wall-Mount Cabinet

Air Dam Installation

Installation Instructions

The included Air Dams (Fig. 14) install onto the Cabinet Shell and Door using (2) M5 TapTite Screws each with a T25 Torx Driver.

Install the Door Air Dam level with the top of the Equipment Rails to ensure proper airflow partitioning. There are six mounting location options (Fig. 15).

Install the Cabinet Shell Air Dams in one of the two mounting locations (Fig. 15), ensuring the seals touch the sides of the Equipment Rails.

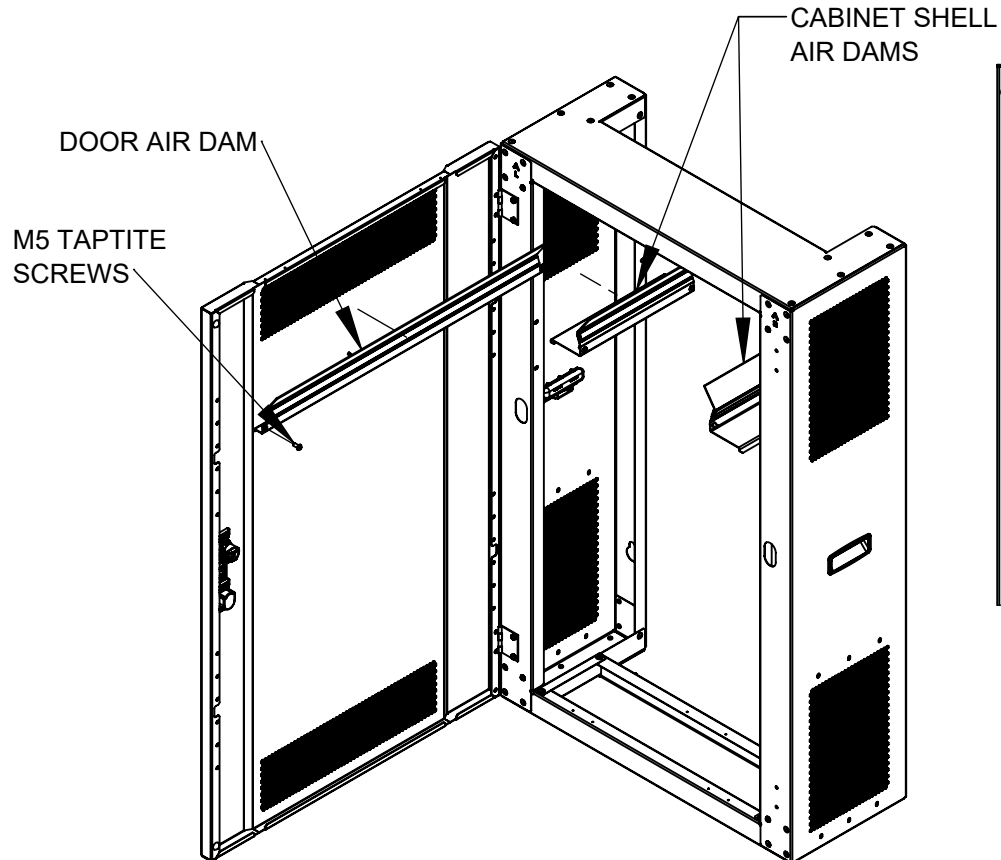


Fig. 14

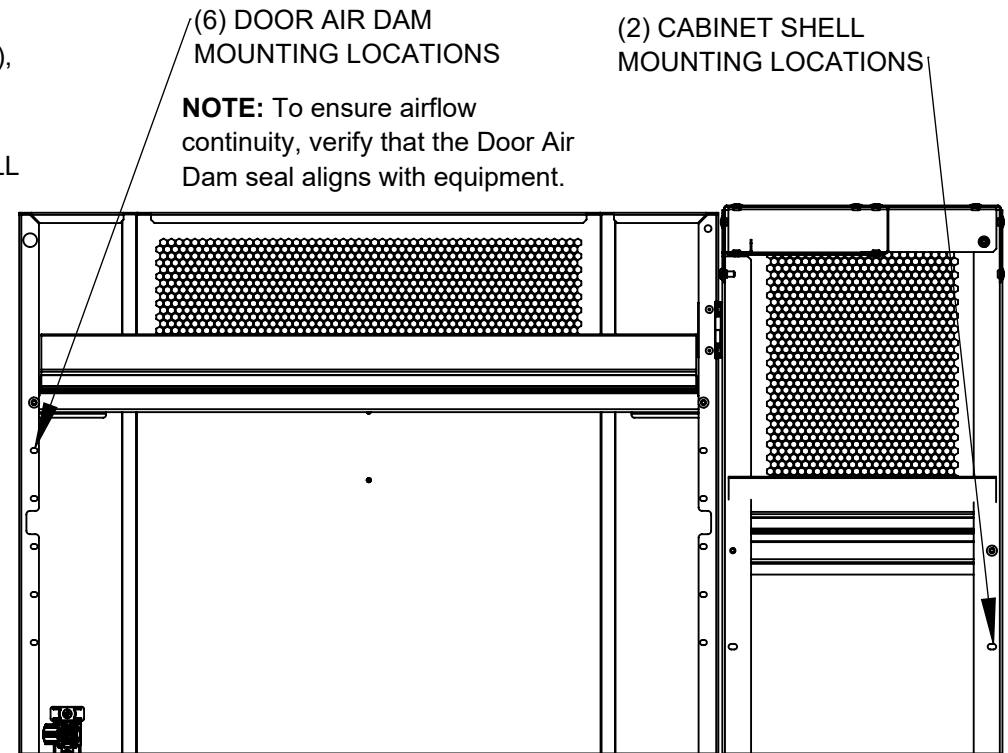


Fig. 15

Installation Instructions


VersaEdge™ Wall-Mount Cabinet

Cabinet Shell Installation

Installation Instructions

With the Air Dams, Door, and optional Fan Kit accessory installed on the Cabinet Shell, install the Cabinet Shell onto the Rear Chassis (Fig. 16) using the Rear Chassis' mounting buttons and the Cabinet Shell keyhole slots (Detail E).

Ensure all mounting buttons are engaged with the keyhole slots before releasing the Cabinet Shell. Install the included (2) M5 Taptite Screws into the holes at the top of the Cabinet Shell (Section D-D) in order to secure the Cabinet Shell to the Rear Chassis. Note the location of these screws for any future removal of the Cabinet Shell.

 It is highly recommended for two individuals to mount the 9U Cabinet Shell, due to the weight load required for lifting.

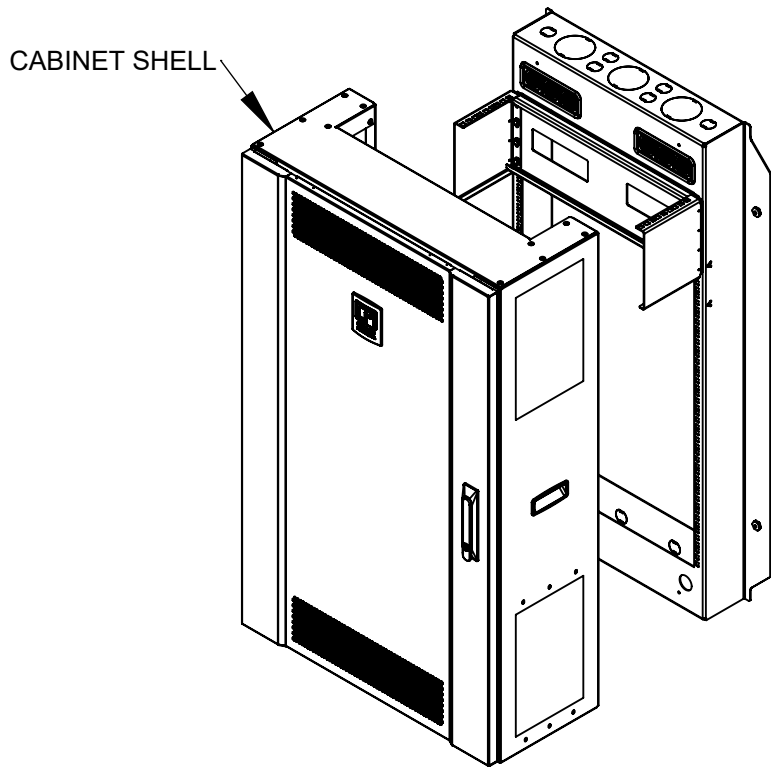
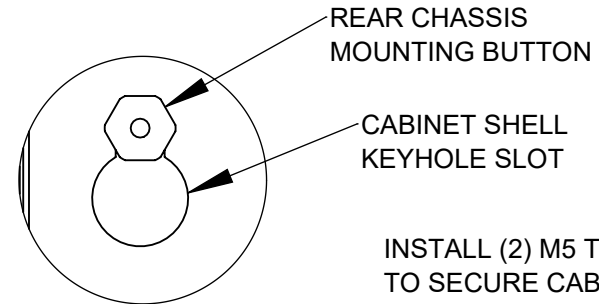


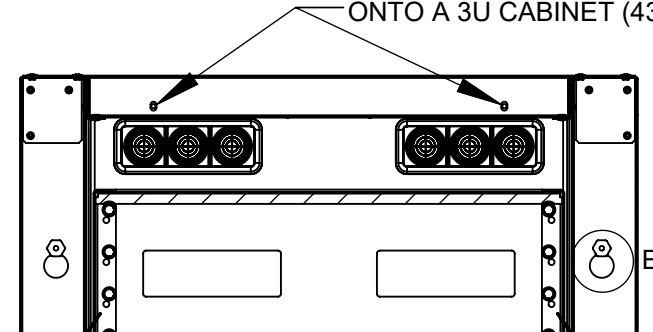
Fig. 16



DETAIL E
SCALE 1 : 2

INSTALL (2) M5 TAPTITE SCREWS
TO SECURE CABINET SHELL TO
REAR CHASSIS

NOTE: AN EXTENDED BIT IS
RECOMMENDED WHEN INSTALLING
ONTO A 3U CABINET (43000-X03)



SECTION D-D
SCALE 1 : 8

TOP VIEW

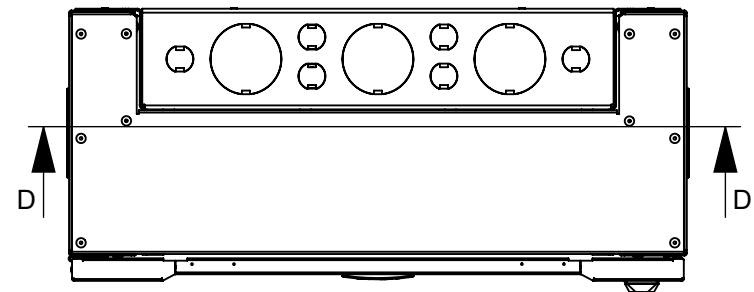


Fig. 17

Installation Instructions

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NOTE: Thermal Airflow

To maintain proper thermal airflow (Fig. 19), blanking panels should be installed in empty RMU spaces on the Equipment Rails. Fig. 18 shows a 2RMU patch panel installed on the Rear Chassis. In this configuration, a 1RMU blanking panel must also be installed on the Rear Chassis. In addition, the deepest equipment installed on the Equipment Rails should always be installed closest to the door.

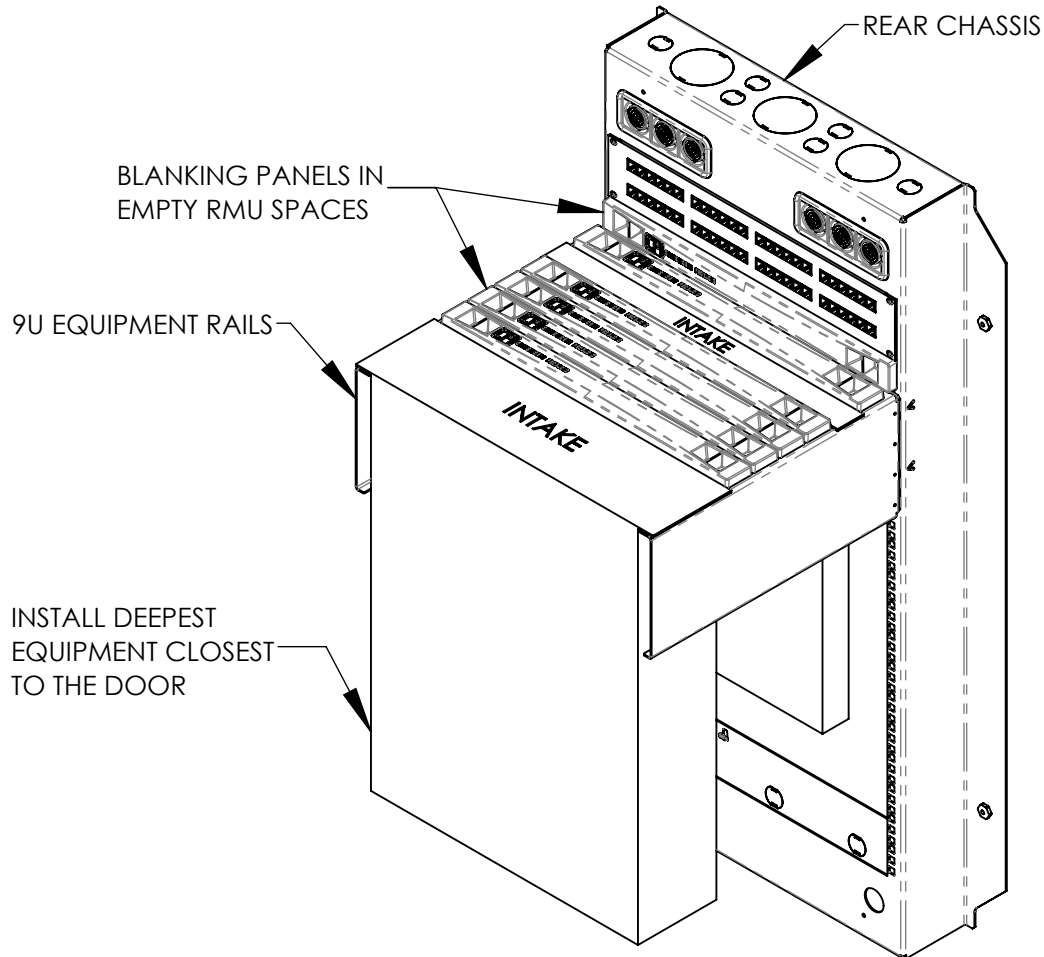


Fig. 18

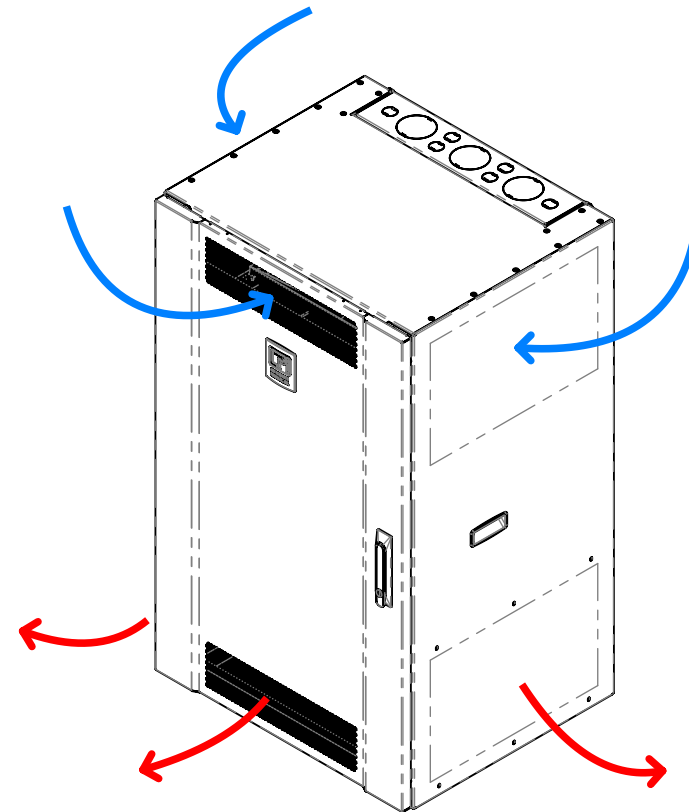


Fig. 19

Installation Instructions

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Door Reversal Instructions

Installation Instructions

For space considerations, the door may be uninstalled and re-installed with hinges on the right-hand side and the direction of the swinghandle can also be reversed to ensure it swings within the footprint of the cabinet (Detail F).

1. Remove hinge hardware using 9/16" Socket Driver and Wrench.
2. Remove latch using #2 Screwdriver.
3. To change the direction of the swinghandle, rotate the highlighted items 180 degrees.
4. Flip the latch over and reinstall it on the door using the #2 Screwdriver.
5. Reinstall the door with hinges on the right-hand side using the 9/16" Socket Driver and Wrench.
6. Remove existing Door Badge. Contact Tech Support if you would like a replacement Badge.

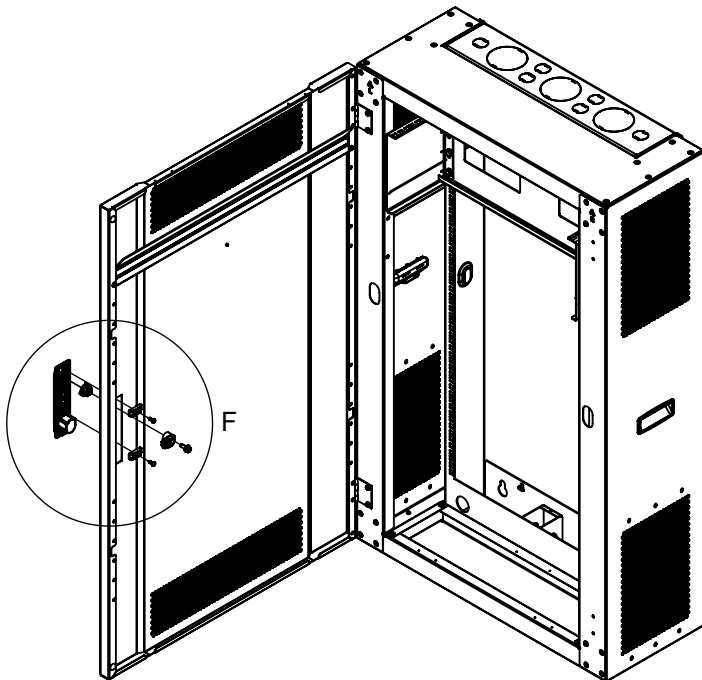
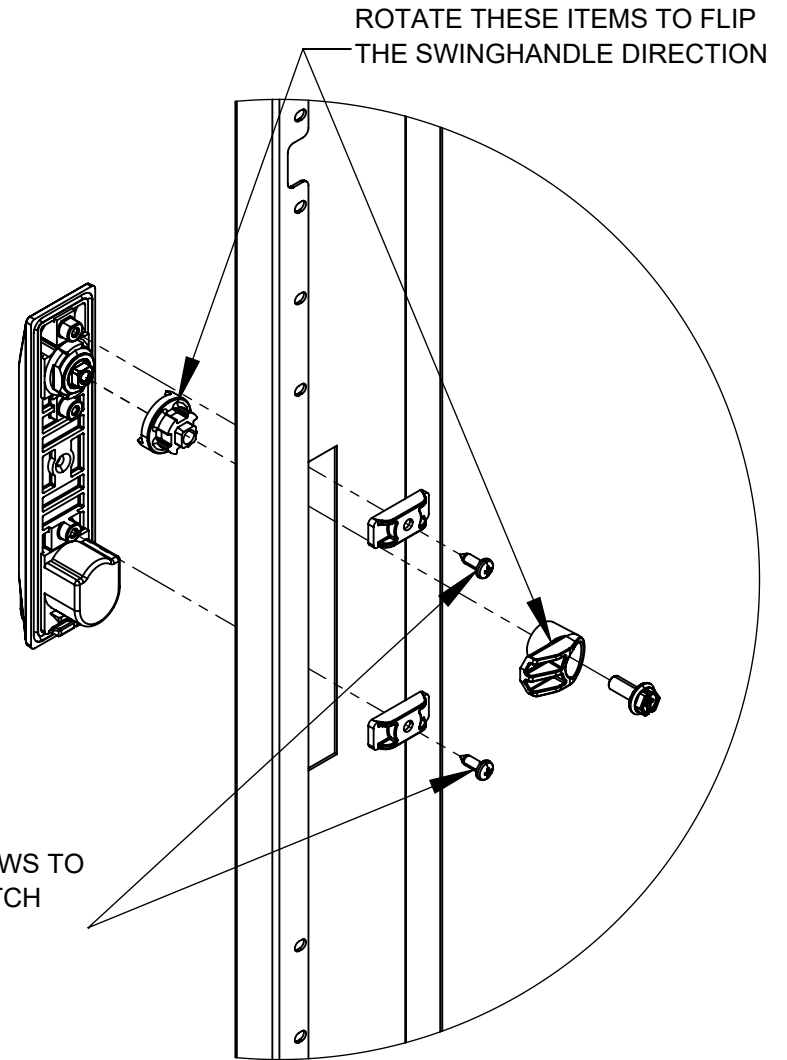


Fig. 20

REMOVE SCREWS TO
UNINSTALL LATCH
FROM DOOR



DETAIL F
SCALE 1 : 3