

Floor Enclosure  
Assembly Manual

**SAFETY WARNING:** BEFORE YOU BEGIN ASSEMBLY, MAKE SURE YOU CAREFULLY READ AND UNDERSTAND THE INSTRUCTIONS IN THIS MANUAL. Our goal is to make this assembly procedure easy for you. Please follow the instructions in the order presented in this manual and be sure to observe all warnings and cautions. Safety measures must be observed at all times during the assembly of this product including the use of proper safety gear and tools during the installation process to prevent physical injury.

Fig. 1 - Hardware Package



Fig. 2 - Leveling Feet

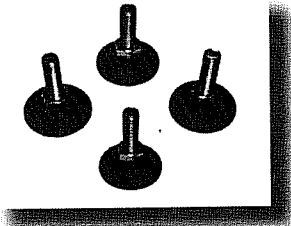
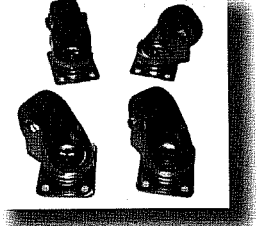


Fig. 3 - Castors



### STEP 1: UNPACK

Make certain the following installation hardware and components are included.

Floor Enclosures are shipped in multiple boxes:

Fig. 1: Hardware Package - Screws, Washers, Nuts, (2) Key Sets

Fig. 2: (4) Leveling Feet

Fig. 3: (4) Castors

Fig. 4: (1) Platform Base

Fig. 5: (1) Top Plate with Fan Assembly

Fig. 6: (2) Front & Rear Brackets

Fig. 7: (4) Front/Rear Mounting Rails

Fig. 8: Side Support Rails  
(4)20U & 28U / (6)40U / (8)45U

Fig. 9: (1) Grounding Bus Bar

Fig. 10: (1) Front Door

Fig. 11: (2) Side Panels

Fig. 12: (1) Rear Left Door

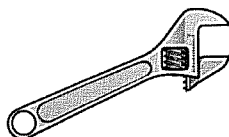
(1) Rear Right Door with Lock

Note: Parts shown are not actual size.

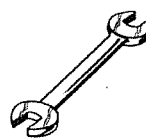
## TOOLS REQUIRED



Phillips Screwdriver



Adjustable Wrench



10mm Wrench



Safety Goggles

Fig. 4 Platform Base

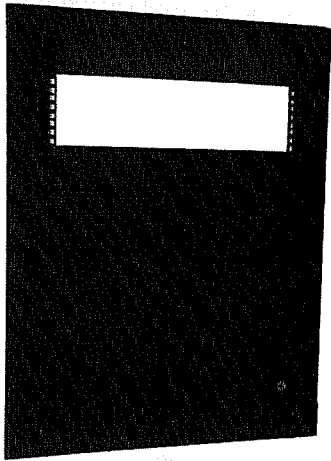


Fig. 5 - Top Plate with Fan Assembly

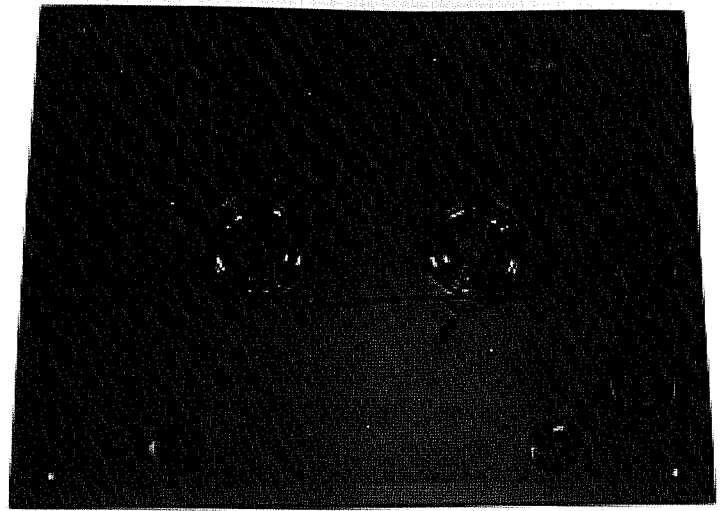


Fig. 6 - Front & Rear Brackets

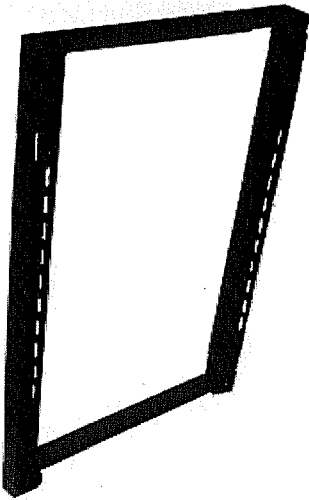


Fig. 8 - Side Support Rails



Fig. 9 - Grounding Bus Bar



Fig. 7 Front & Rear Mounting Rails



Fig. 10 - Front Door

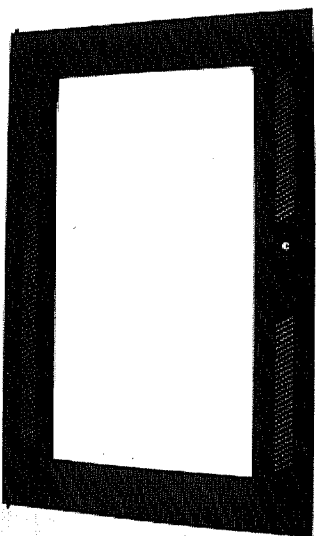


Fig. 11 - Side Panels

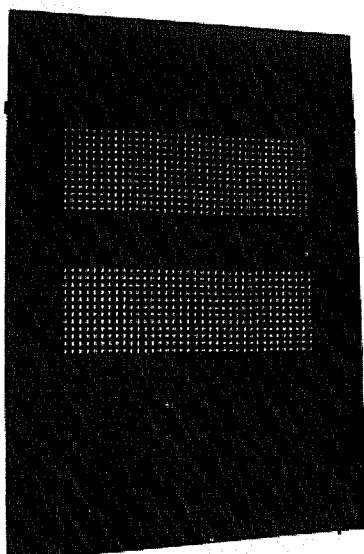
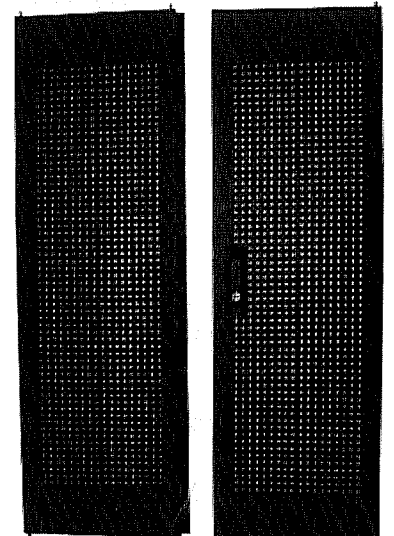
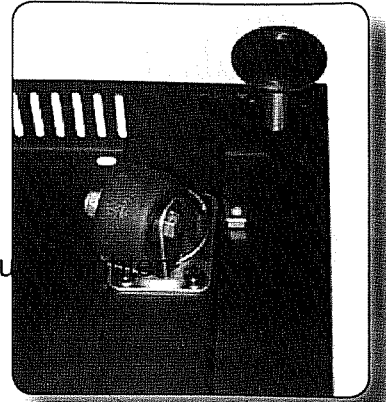


Fig. 12 - Rear Doors  
Left Right

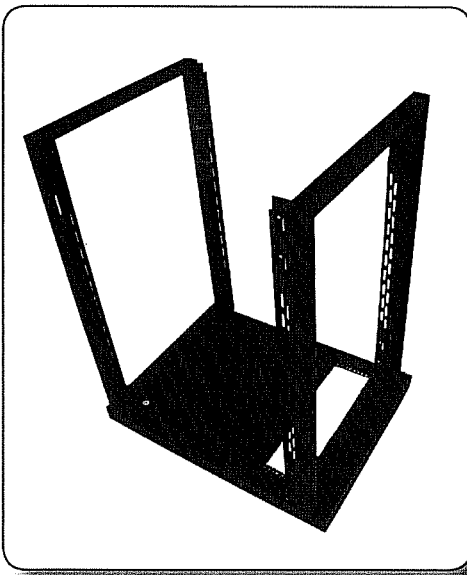


## STEP 2: ASSEMBLE BASE

Locate Hardware Package, Leveling Feet, Castors and Platform Base (Fig. 1 - 4). Position Platform Base upside down with mounting holes facing up. Install the four Castors to the Base Support bar by hand tightening four Screw sets to each castor. Once all four screws are installed on each castor, secure screws with phillips head screwdriver.



Next install the Leveling Feet in each corner hole, screwing each foot in so the castor wheels are protruding about 1" higher than the leveling feet.



## STEP 3: INSTALL FRONT & REAR DOOR FRAMES

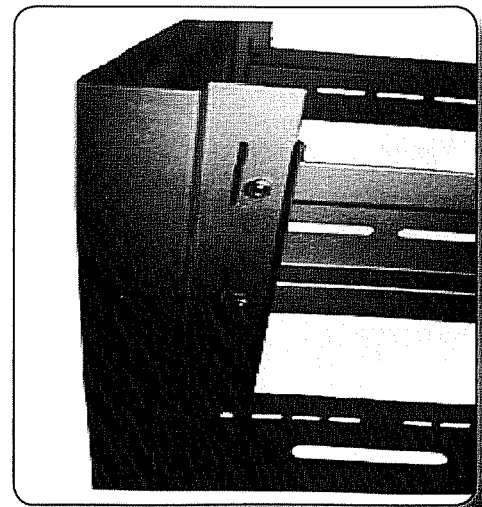
Front and Rear Door Frames are identical. When installing, be sure to locate the flush side of both towards the outside. Secure each frame to the Platform Base using (3) 45mm screws, attaching a flat washer to each of the screws.



Hand tighten screws allowing for adjustments during the following procedures. **Do not tighten screws at this time.**

## STEP 4: INSTALL SIDE SUPPORT RAILS

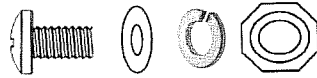
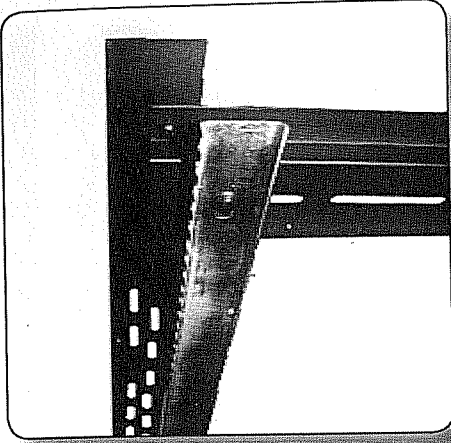
Install Side Support rails on each side of rack by sliding tabs into the support rail slots. Push down on each side panel to lock the tabs in place and so the mounting holes are aligned. Install a 12mm screw and flat washer from the outside mounting holes of the Front and Rear Frames, and hand tighten with a locking washer and 10mm nut on the inside of the Side Support Rail. Repeat installation of all four support rails. Securely tighten screws with phillips head screwdriver and a 10mm wrench.



Upon completion, securely tighten the three screws on the bottom of the Front & Rear Door Frames using a phillips head screwdriver.

### STEP 5: INSTALL RACK MOUNT RAILS

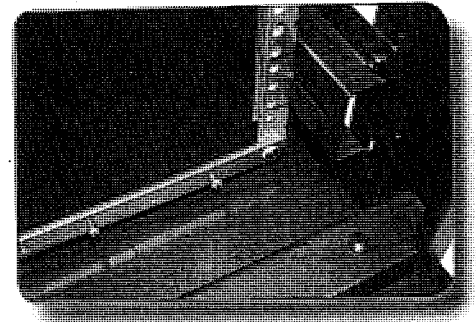
Install (2) front and (2) rear Rack Mount Rails on the inside of the enclosure. Align the Mount Rail holes with the first oval slot on the Side Support Rail and install a 12mm screw and flat washer from the outside mounting hole, hand tightening with a locking washer and 10mm nut, affixing both top and bottom of rail.



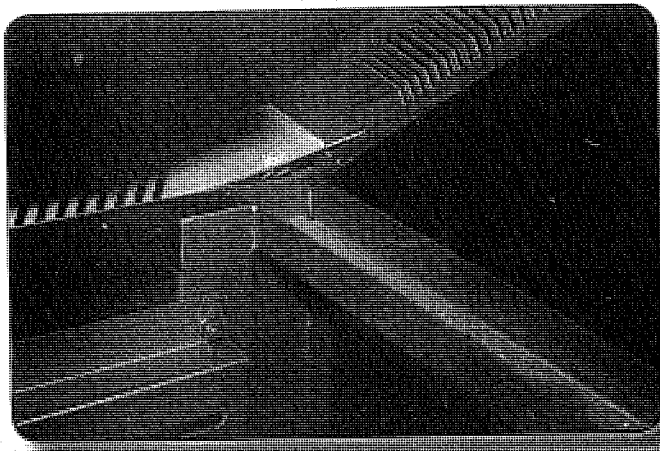
Once hand tightened, slide the top and bottom of the rail towards the inside of the enclosure to the back of the oval slot. Repeat this procedure with all four rails and then securely tighten with a phillips head screwdriver and a 10mm Wrench.

### STEP 6: INSTALL GROUNDING BUS BAR

Install Grounding Bus Bar to the bottom holes of the rear mounting rails with the grounding screws facing the rear of the enclosure. For the tapped rails, hand tighten (2) 12-24 screws and flat washers, one on each side of the bus bar and secure with a lock Washer and 10mm nut.



For the cage nut style rails, install (2) cage nuts by snapping them into position in the bottom hole of the Mounting Rails. Use (2) 12-24 screws to attach to the rails. Securely tighten screws using a phillips head screwdriver and a 10mm Wrench.



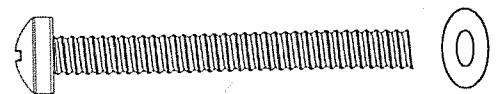
### STEP 7: MOUNT TOP PLATE WITH FANS

To install the Top Plate, locate the mounting holes on the underside front and back of the Top Plate.

Place the Top Plate on top of the Front and Rear Door Frames placing the Top Plate channel inside the top of the Front and Rear Door Frames, being sure to align the mounting holes.

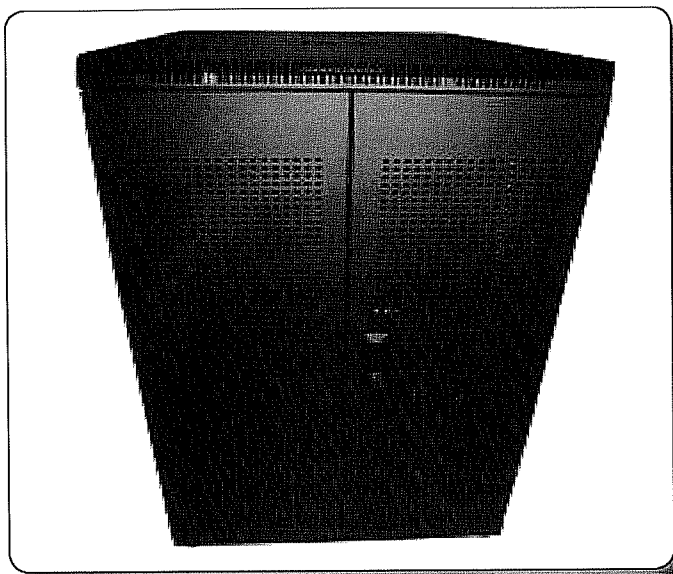
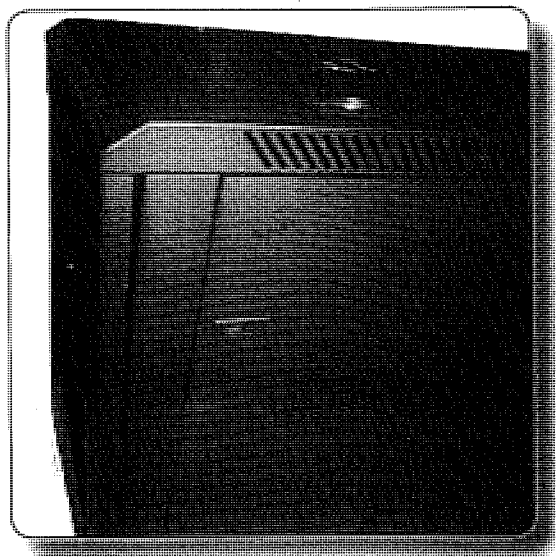
Secure the Top Plate to the Front and Rear Door Frames using (4) 45mm screws. Attach a locking washer to the

screw, and add the flat washer and secure the screws to the top through the mounting holes in the top of the Front and Rear Door Frames. Tighten screws until all screws are hand tightened, and then securely tighten all screws using a phillips head screwdriver.



### STEP 8: INSTALL SIDE PANELS

Locate the side panels, noting that both Side Panels are the same. Insert bottom of side panel into the two mounting holes on either side of the Platform Base. Using larger key set, turn the key to lower the lock latch. While holding door in place, pull back on the left and right levers, and snap the door into place releasing the levers. You will hear a click as the door locks into position. Repeat procedure for 2nd door.



### STEP 9: INSTALL REAR DOORS

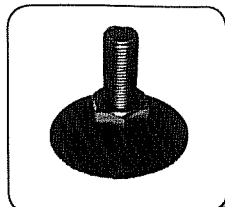
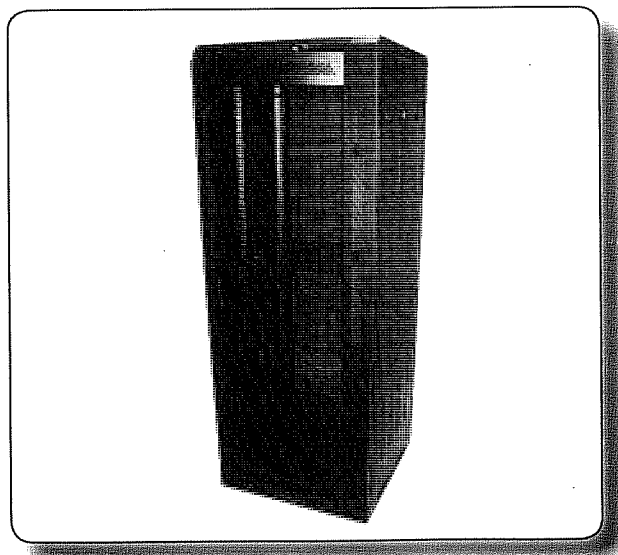
First install left Rear Door first (door without lock). Insert bottom door latch on inside of door into bottom mounting holes. Pull top latch down to allow the top latch to smoothly fit into top mounting hole and push latch in to mounting hole so door is securely inserted. Close door.

To install Right Rear Door with Lock, use the smaller key set to lower lock latch and follow instructions above and close door using door lever. You will hear a click as the door locks into position.

### STEP 10: INSTALL FRONT DOOR

Install Front Door by inserting bottom door latch to inside right bottom mounting holes. Pull top latch down to allow the top latch to smoothly fit into top mounting hole and push latch in to mounting hole so door is securely inserted. Close door and secure with locking handle.

If Front Door has Plexiglas front, remove protective paper from front and back of Plexiglas.



### STEP 11: Adjust Leveling Feet

Roll enclosure into permanent location, and using an adjustable wrench on the nut, adjust feet by turning clockwise until the feet prevent the cabinet from rolling.