

# Installation Instructions

## FLOOR SUPPORTED CUBE-IT

### Safety Information



**WARNING:** Improper use of this product or failure to follow these instructions may result in equipment damage, personal injury, or death. Read and understand all instructions for proper installation and use of this product.



**WARNING:** Before loading equipment in the cabinet, be sure all parts and hardware are properly installed and tightened.

### Intended Use

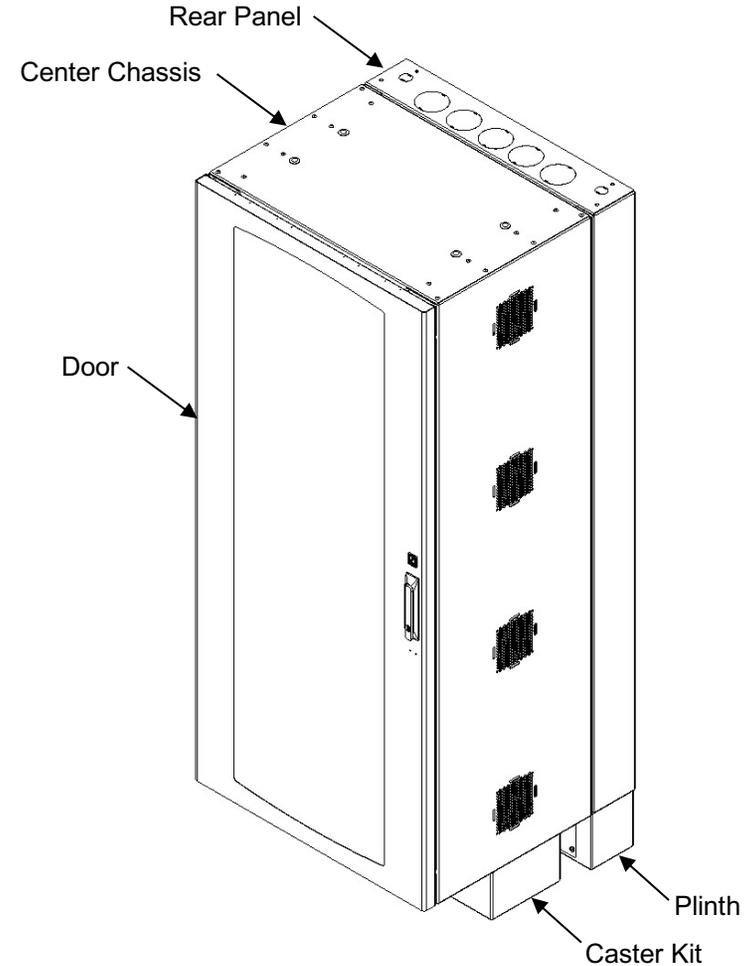
Install Floor Supported Cube-IT only in indoor, environmentally controlled areas; do not use outdoors, in harsh environments or in air-handling spaces. Use this rack for computer equipment, including servers and peripherals. Allow only qualified service personnel to use this enclosure.

### Tools Required

13mm Socket  
10mm Socket  
T25 TORX Driver  
T30 TORX Driver  
#2 Phillips Screw Driver  
#1 Flat Screw Driver  
3/8" Socket Extension  
5/32 Drill Bit

### Included Hardware

M8X40 LAG Screws	Qty 9
M5.5X9 TAPTITE Screws	Qty 2
M6X10 Black TAPTITE Screws	Qty 2
M6 Star Washers	Qty 2
Grounding Wire	Qty 1
Cable Grommets	Qty 5
Door Keys	Qty 2
3mm Hex Key	Qty 1



LOAD CAPACITY: 1000lb (454kg)



IIS-739928, 11/7/18, Rev. 1, CPI/JAG

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For international phone numbers, see our website or contact CPI Tech Support.

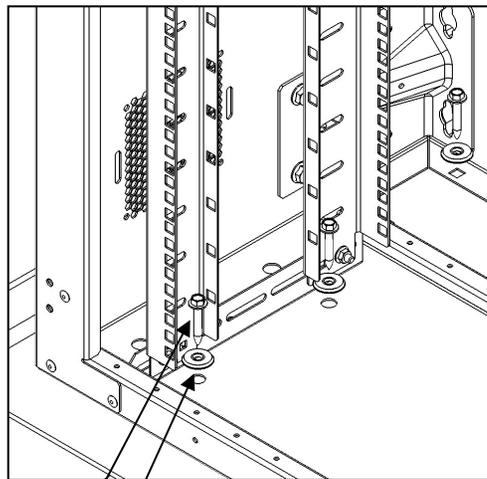
*This drawing contains proprietary and confidential information and is protected by U.S. and international law. Unauthorized reproduction, disclosure or use of the drawing or the information therein is expressly forbidden except as agreed to in writing by Chatsworth Products, Inc.*

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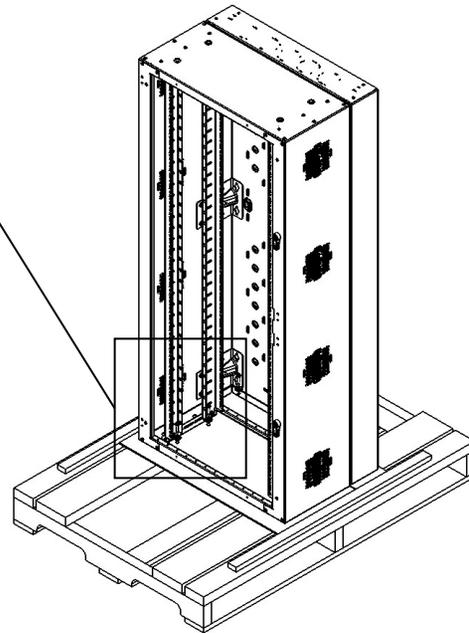
## FLOOR SUPPORTED CUBE-IT

### Removing from Pallet

1. Remove carton top and four corner protectors from cabinet.
2. The wheel kit and plinth ship packaged inside the cabinet. Remove both boxes to install assemblies to cabinet.
3. Remove the six screws and washers that mount the cabinet to the pallet.
4. Move the cabinet off the pallet to the floor. **CAUTION: USE TWO PEOPLE TO REMOVE CABINET FROM PALLET TO PREVENT TIPPING OVER.**
5. To keep standard door swing, proceed to **Plinth and Caster Kit Installation** instructions. To change door swing, follow **Reverse Door Swing** instructions.

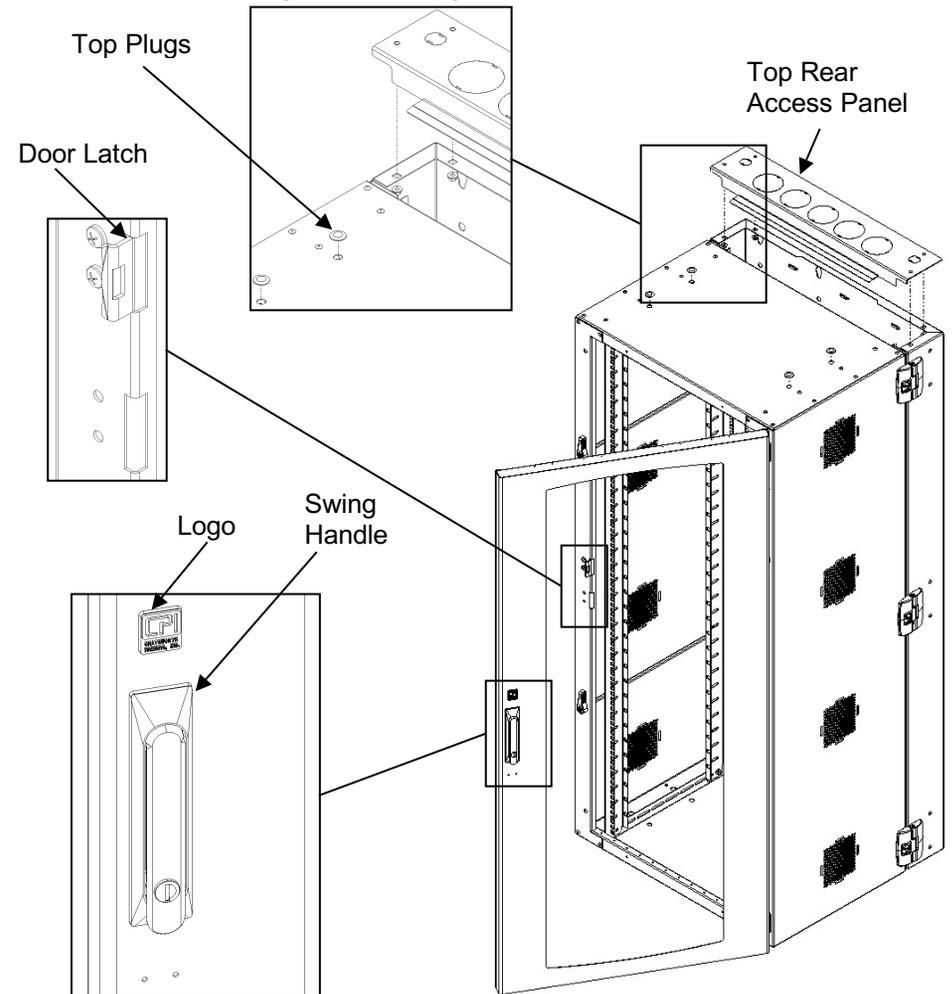


Washer  
Screw



### Reverse Door Swing (OPTIONAL)

1. Remove top access panel on rear panel by removing four hex nuts.
2. Remove the four plastic plugs from top of the center chassis.
3. Rotate entire cabinet so hinges are on opposite side.
4. Reinstall top access panel and plastic plugs.
5. Remove and reinstall door latch so that it is in correct orientation.
6. Remove and reinstall latch cam 180 degrees from default orientation.
7. Relocate CPI logo above swing handle.

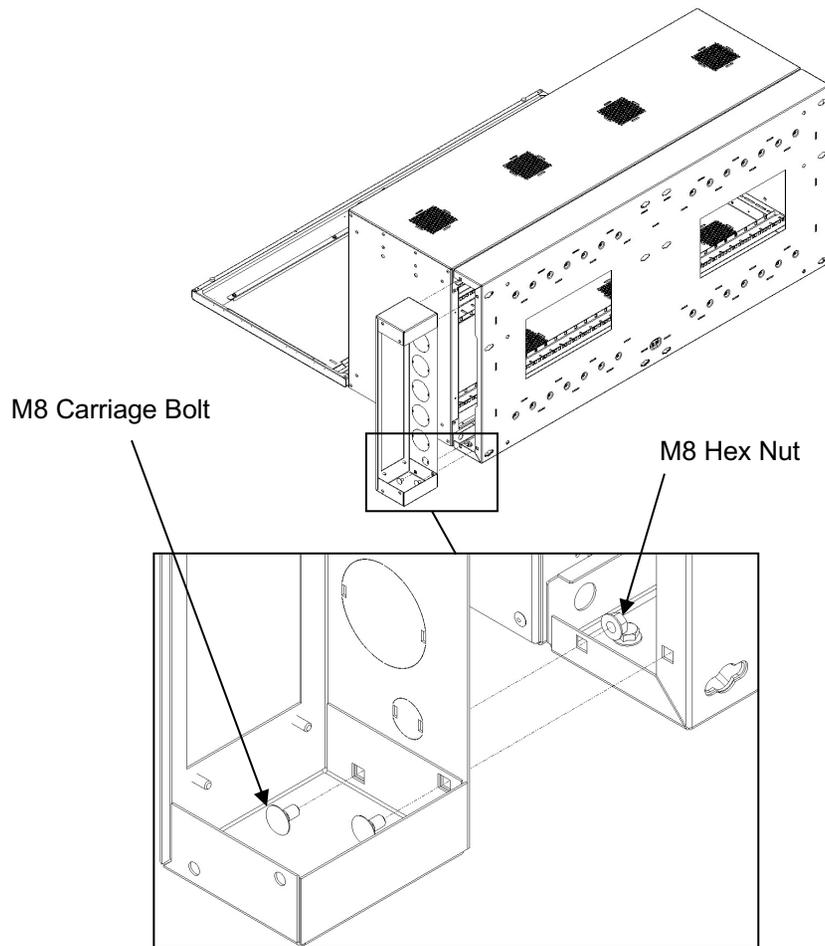


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## FLOOR SUPPORTED CUBE-IT

### Plinth Installation

1. Lay cabinet on its side and open door to access inside. Place cardboard or other material on floor to protect cabinet paint finish.
2. Install Plinth to rear panel bottom using four M8 carriage bolts and serrated flange hex nuts.

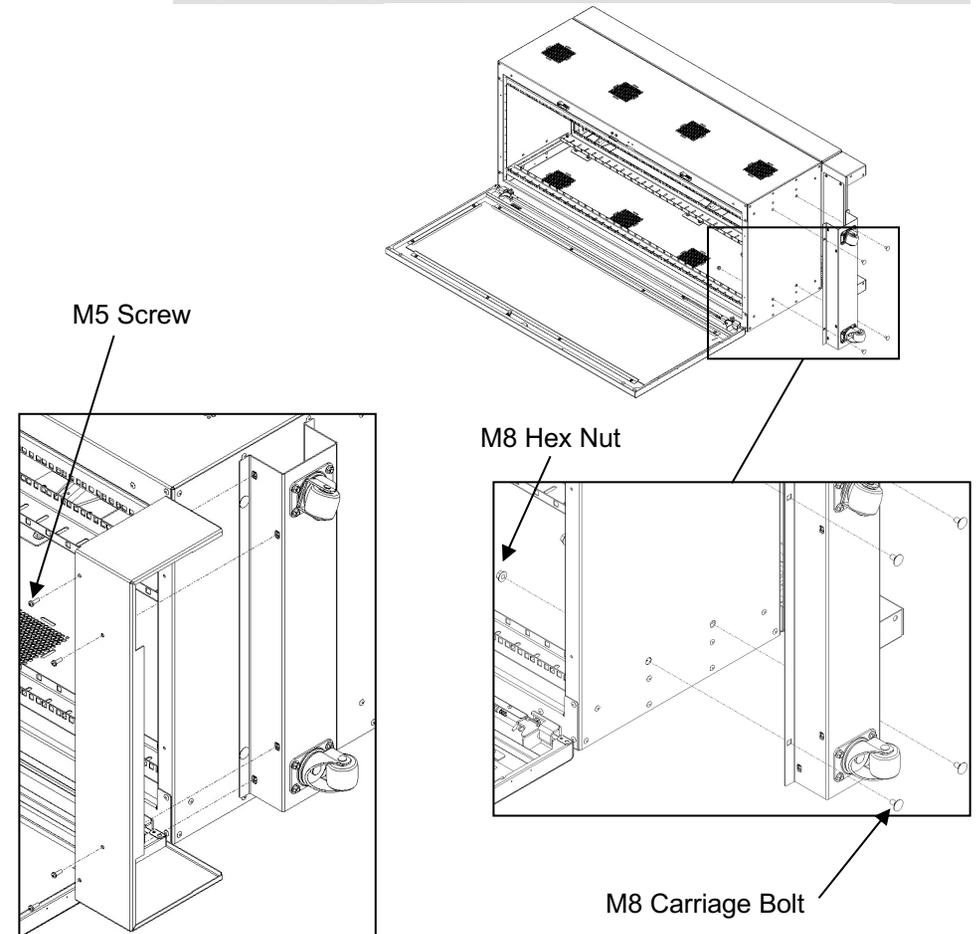


### Caster Kit Installation

1. Install caster assembly to center chassis bottom using four M8 carriage bolts and serrated flange hex nuts.
2. Install cover plate to caster assembly using four M5 screws.



**WARNING:** DO NOT STAND CABINET UNTIL READY TO MOUNT TO WALL. CABINET MAY TIP OVER IF NOT PROPERLY SECURED.



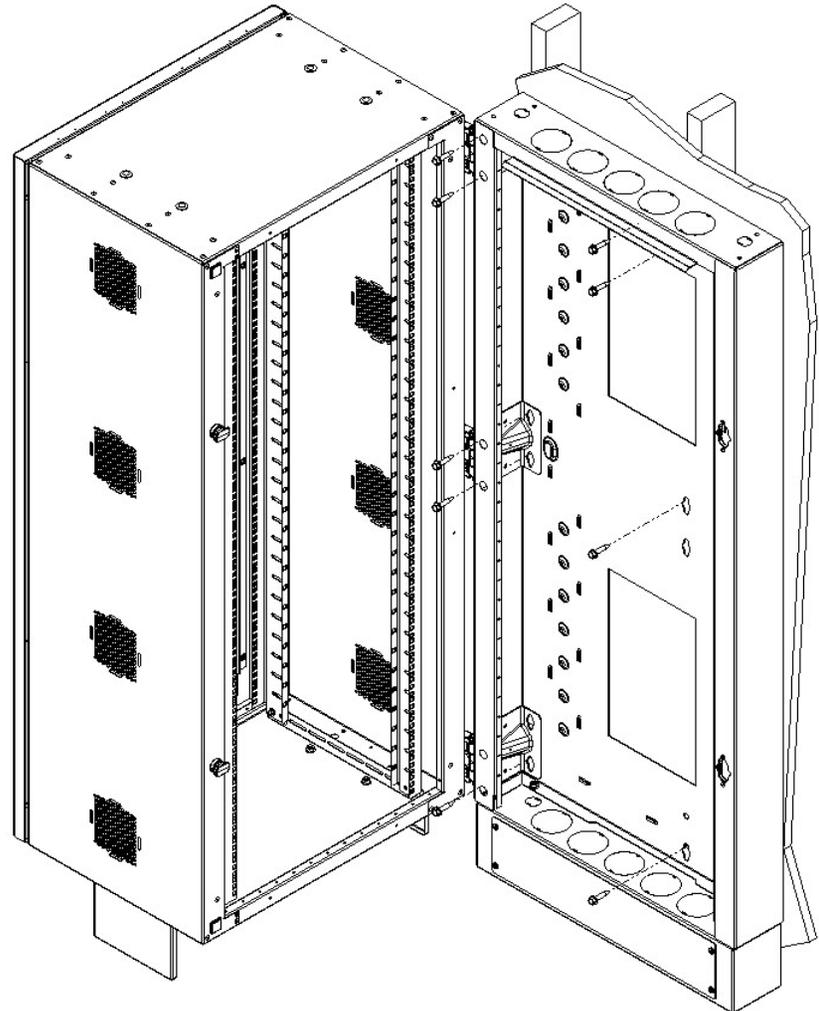
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### Mounting Cabinet to Wall

NOTE: These instructions are for mounting the cabinet to a wood studded wall covered with 3/4" plywood. For masonry surface, the installer must provide appropriate hardware.

1. Ensure the wall or mounting surface is structurally sound and able to support the cabinet and expected payload. The mounting surface must be flat and extend beyond the top, bottom, left, and right edges of the rear panel.
2. Determine wall location for mounting cabinet which allows the door and center chassis to be opened 90 degrees from the rear panel.
3. Mark center of selected wall studs to help position rear panel keyholes before installing lag screws.
4. Position cabinet against the wall with mounting keyholes closest to three main chassis hinges centered on a wall stud. Keyholes closest to center should be located on a 16" spacing wall stud. Keyholes on opposite side from hinges are for 24" spacing wall studs.
5. With the cabinet in position against wall, open the front door (do not hinge cabinet body open from rear panel) to install three M8X40 Lag screws (1 at top, 1 at middle, 1 at bottom) in mounting keyholes of 16" or 24" wall stud. Drill pilot holes using 5/32" drill bit for easier installation.
6. Open the cabinet body 90 degrees and install five M8X40 Lag screws in mounting keyholes near hinges (2 at top, 2 at middle, 1 at bottom).
7. Install final lag bolt in top keyhole of 16" or 24" wall stud.

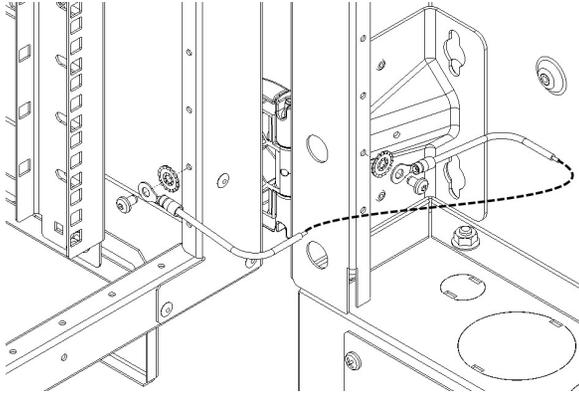


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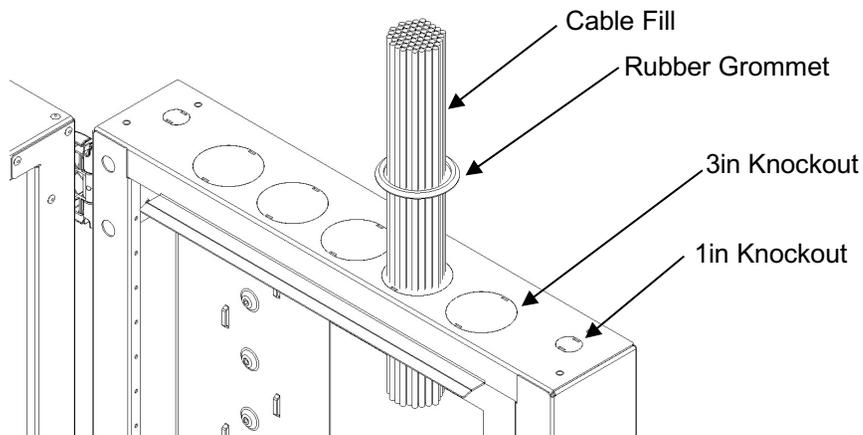
### Grounding Wire

1. Use M5.5 self-tapping Torx screws, star washers, and grounding wire to electrically bond center chassis to rear panel using any accessory holes.



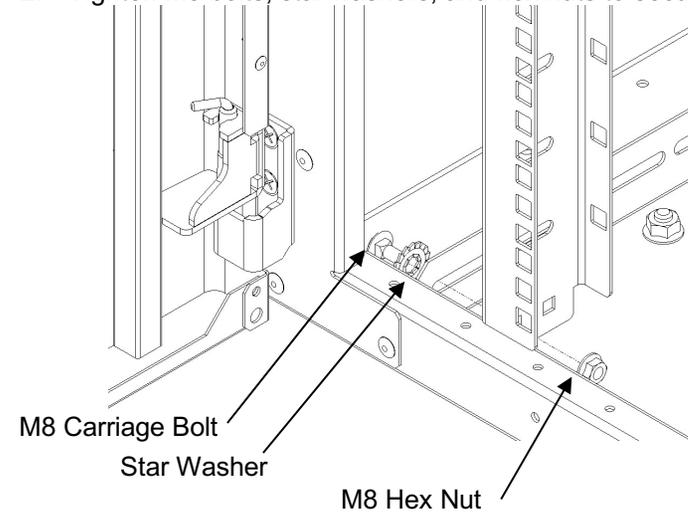
### Cable Access

1. Per cabling requirements removable cable knockouts are provided on top and bottom of rear panel. Knockouts are removed using a large flat-head screw driver.
2. Use provided rubber grommets on large knockouts. Alternatively, large knockouts will accommodate 2-1/2" metal conduit. Small knockouts accommodate 3/4" metal conduit.



### Equipment Rail Adjustment

1. Loosen M8 bolts, star washers, and hex nuts to move equipment rails to desired depth spacing.
2. Tighten M8 bolts, star washers, and hex nuts to secure equipment rails.



### Ground Jumper Wire (P/N 40159-009 sold separately)

1. Remove paint mask from grounding emboss with two holes.
2. Install ground jumper wire using two black M6 Torx TAPTITE screws.
3. Place grounding label next to ground emboss.

