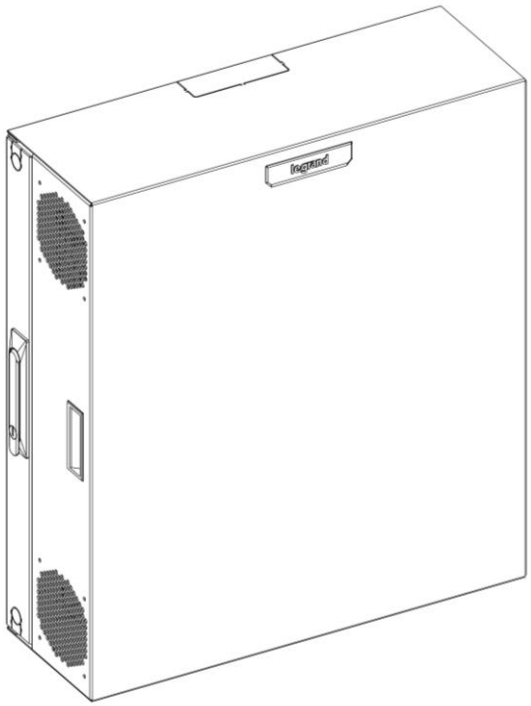
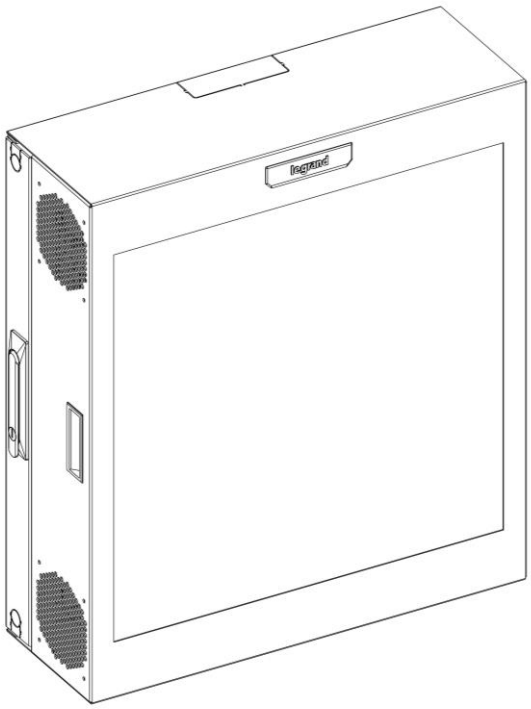
INSTRUCTION SHEET

CEC SERIES

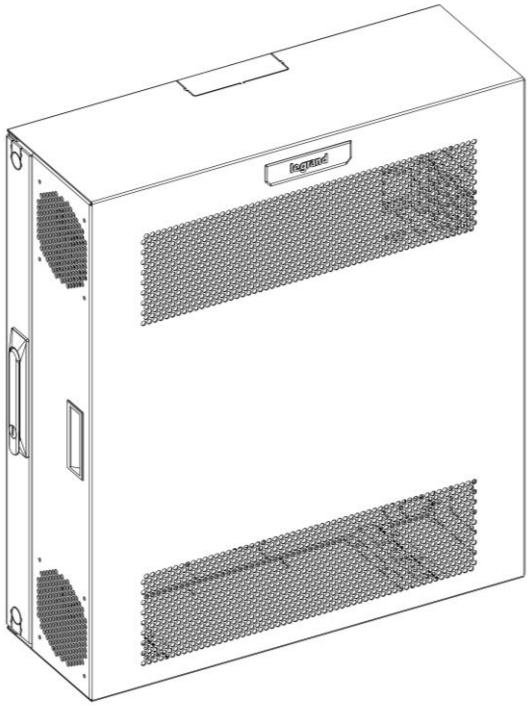
WALL MOUNT CABINET



WALL MOUNT CABINET WITH SOLID DOOR



WALL MOUNT CABINET WITH PLEXIGLASS DOOR



WALL MOUNT CABINET WITH PERFORATED DOOR

IMPORTANT SAFETY INSTRUCTIONS / INSTRUCTIONS IMPORTAANTES SUR LA SÉCURITÉ

SAVE ALL INSTRUCTIONS / CONSERVER CES INSTRUCTIONS

DANGER HAZARDOUS VOLTAGE/DANGER HAUTE TENSION

The lightning flash with the arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

L'éclair avec le symbole de flèche dans un triangle équilatéral est destiné à alerter l'utilisateur de la présence d'une tension dangereuse non isolée dans l'enceinte du produit qui peut être d'une ampleur suffisante pour constituer un risque de choc électrique pour les personnes.

CAUTION/ATTENTION

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Le point d'exclamation dans un triangle équilatéral est destiné à alerter l'utilisateur de la présence d'importants instructions d'opération et de maintenance (entretien) dans la documentation accompagnant l'appareil.

	WARNING: Failure to read, understand and follow the following information can result in serious personal injury, damage to the equipment or voiding of the warranty. **AVERTISSEMENT:** Ne pas lire, comprendre et suivre les informations suivantes peut entraîner des blessures graves, des dommages à l'équipement ou de la nullité de la garantie.
	CAUTION: All installation and assembly steps must be performed by qualified personnel. **ATTENTION:** Toutes installation et de montage étapes doivent être effectuées par du personnel qualifié.
	CAUTION: Individual components mounted inside of the wall mount rack must have their own fire enclosure. **ATTENTION:** Les composants individuels montés à l'intérieur du rack doivent avoir leur propre enceinte coupe-feu.
	CAUTION: Ensure that the wall has a structural load capacity that will support the weight of the cabinet fully loaded with equipment. **ATTENTION:** Veiller à ce que le mur a une capacité de charge structurelle qui supporter le poids de le cabinet entièrement chargé avec l'équipement.
	CAUTION: The following parts are not effectively bonded to the protective earth terminal: Rack rails, lace bars, shelves, baffle, blanking panels, and cable management. If any part needs to be bonded to the protective earth terminal it shall be done in accordance with Article 250 of the National Electrical Code. **ATTENTION:** Les pièces suivantes ne sont pas correctement liés à la borne de terre de protection: rails de rack, des bars de dentelle, des étagères, des chicanes, des panneaux d'obturation, et la gestion des câbles. Si une partie doit être lié à la borne de terre de protection, il doit être fait conformément à l'article 250 du Code national de l'électricité.

⚠	**CAUTION:** Power cord(s), for fans or other accessories, need to be secured to ensure that they are routed away from pinch points and moving parts. **ATTENTION:** Le cordon d'alimentation (s), pour les fans ou autres accessoires, doivent être fixé à veiller à ce que ils sont acheminés loin des points de pincement et des pièces mobiles.
⚠	**CAUTION:** Do not attempt to unload or move the enclosures alone. Make sure to have sufficient amount of personnel and equipment to safely move this product. **ATTENTION:** Ne essayez pas de décharger ou déplacer les enceintes seul. Assurez-vous d'avoir quantité suffisante de personnel et de matériel pour déplacer ce produit en toute sécurité.
⚠	**CAUTION:** To reduce the risk of personal injury, these mounting instructions must be followed and proper weight capacities must be observed. **ATTENTION:** Pour réduire le risque de blessures, ces instructions de montage doivent être respectées et les capacités de poids appropriées doivent être respectées.

WEIGHT RATINGS

Model/Height	Weight Rating
All Models: Rack Mount Brackets	125 lbs.
All Models: Door	10 lbs.

MOUNTING HARDWARE – CUSTOMER SUPPLIED

The customer is responsible for providing the hardware to mount the cabinet to the wall or other structure. The mounting hardware that shall be used is as follows:

- Mounted to a sheetrock wall over wood studs: ¼” x 3” lag bolts and ¼” flat washers (max OD 13/16”) qty 4 each
- Mounted to strut channel: grade 2 (or stronger) ¼”-20 hex bolts with length appropriate for specific configuration, ¼” flat washers (max OD 13/16”), and either ¼”-20 channel nuts or grade 2 (or stronger) ¼”-20 hex nuts depending on the direction the strut channel was facing
- Hung from threaded rod: grade 2 (or stronger) 5/8”-11 threaded rods, qty 4. Grade 2 (or stronger) 5/8” flat washers and grade 2 (or stronger) 5/8”-11 hex nuts, qty 8 each.

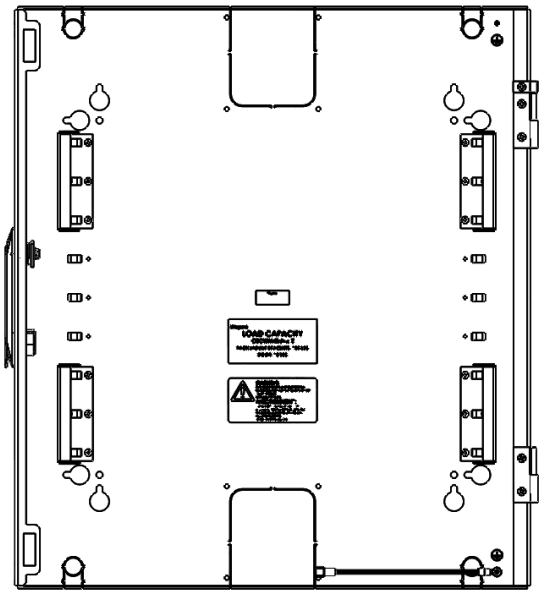
TOOLS REQUIRED

- Tape measure
- Level
- 7/16” socket, wrench or driver - for ¼” lag bolts
- 2nd 7/16” socket, wrench or driver - for ¼”-20 hardware
- 15/16” open end wrench and 15/16” socket, box wrench or 2nd open end wrench - for 5/8”-11 nuts on threaded rods
- #2 Phillips driver – to reverse, remove and/or reinstall door retention cleat
- #3 Phillips driver – to be used on #12-24 screws to mount equipment and accessories to rack mount brackets

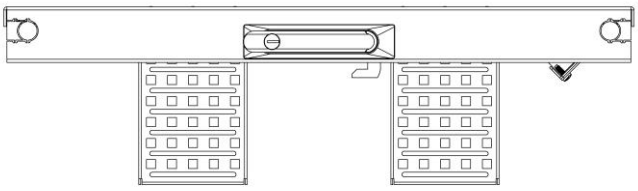
CABINET INSTALLATION

The cabinet may be installed in one of four orientations:

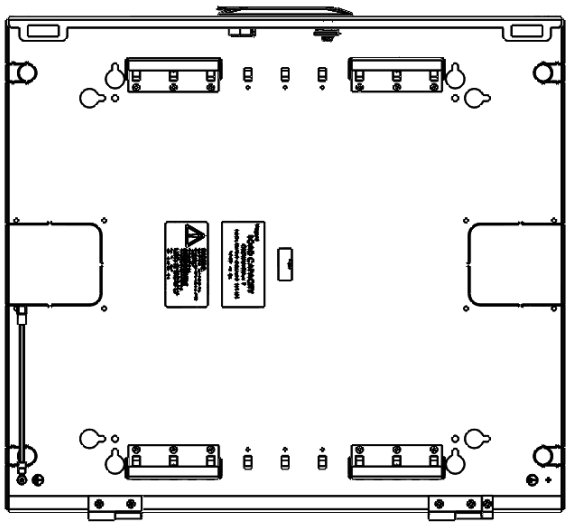
- Conventional
- Overhead
- Rotated – Opening Down



CONVENTIONAL



OVERHEAD

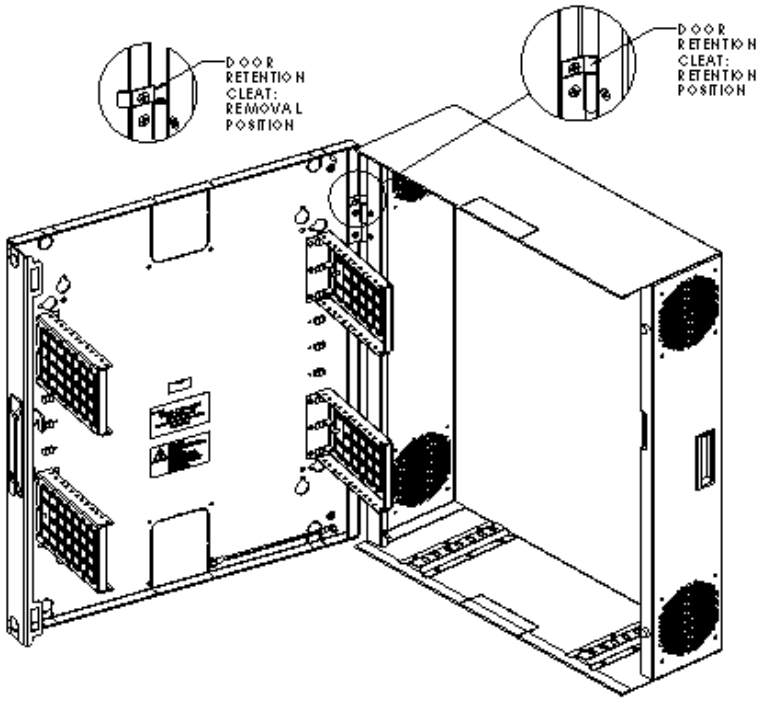


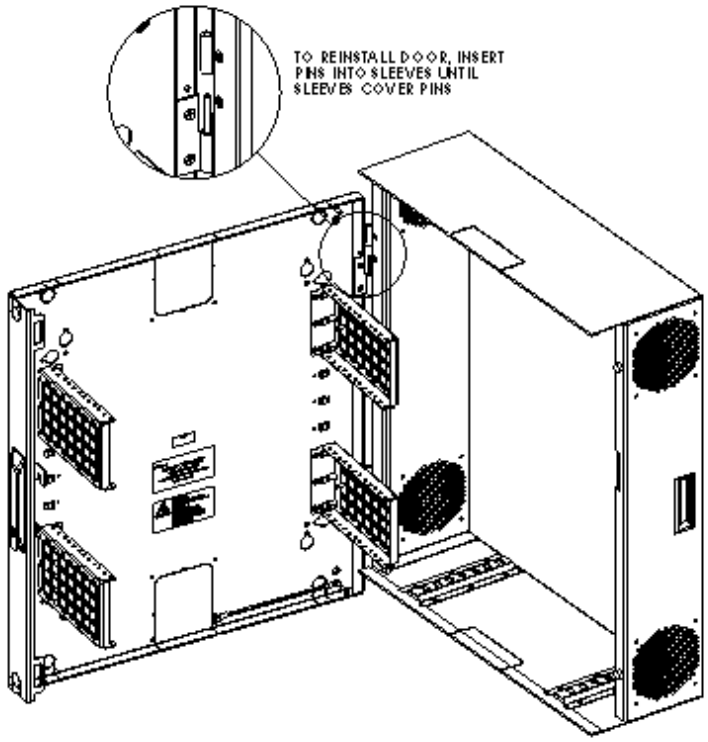
ROTATED – OPENING DOWN

REMOVAL OF LIFT-OFF DOOR

For easier mounting of cabinet and easier installation of equipment, the door can be removed by utilizing the lift-off functionality of the hinges.

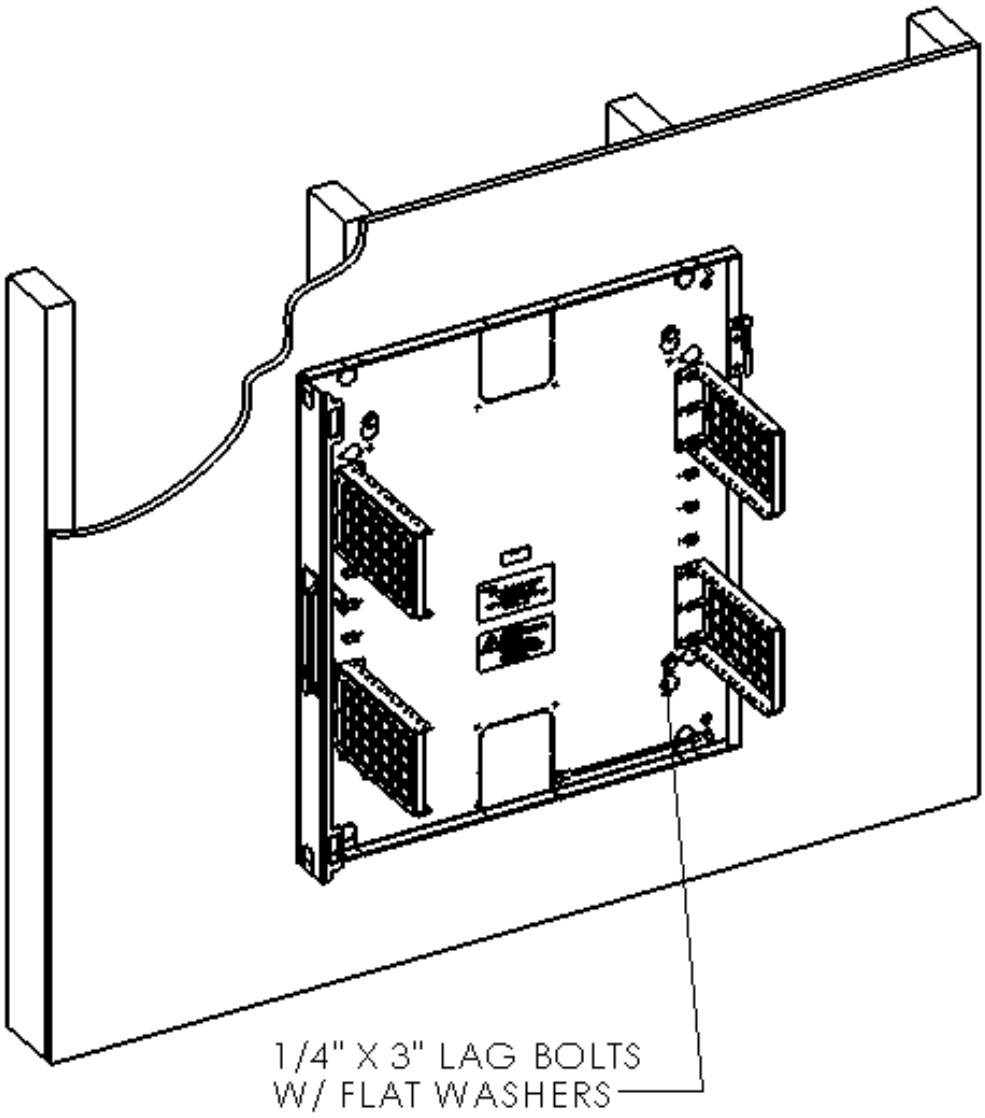
In order for the door to be removed by separating the lift-off hinges, the door capture cleat must be reversed (or removed entirely) and the door must be opened to 90°.



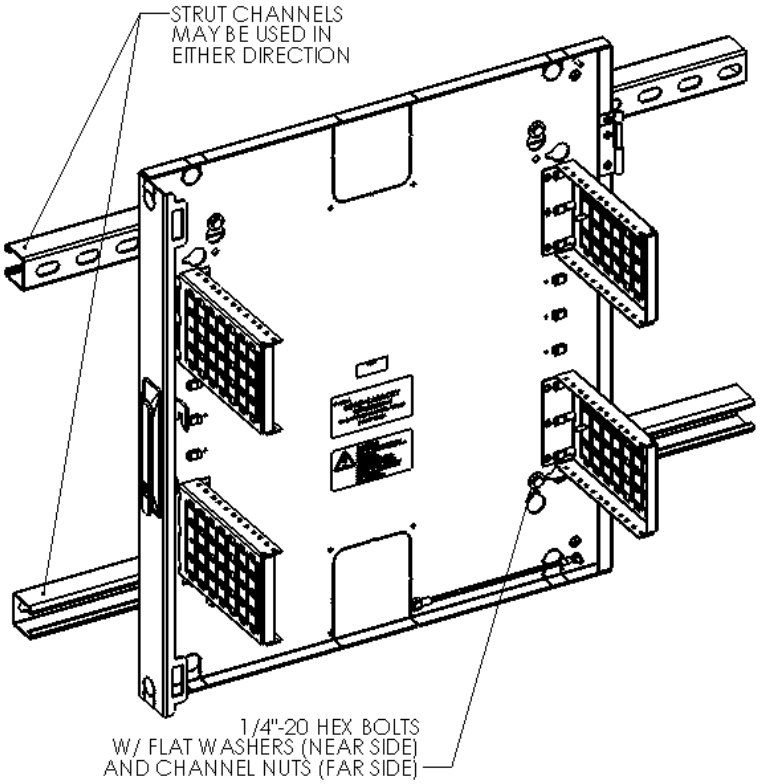


NOTE(S):

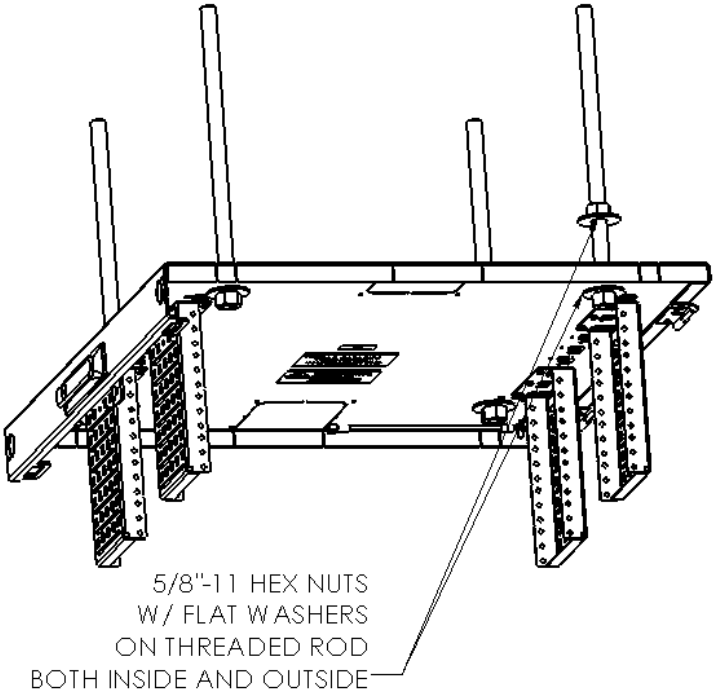
- The cabinet must be installed plumb and level for proper operation.
- The wall to which the backpan will be mounted must consist of at least one layer of 1/2" sheetrock screwed to wood studs 16" on center (**2” x 4” STUDS MIN.)** OR one of the two alternate mounting methods listed below shall be used
    - Alternate method 1: mounted to strut channel (Unistrut P1000 or equivalent)
    - Alternate method 2: hung from 5/8”-11 threaded rod (Overhead mounting **ONLY!!!**)



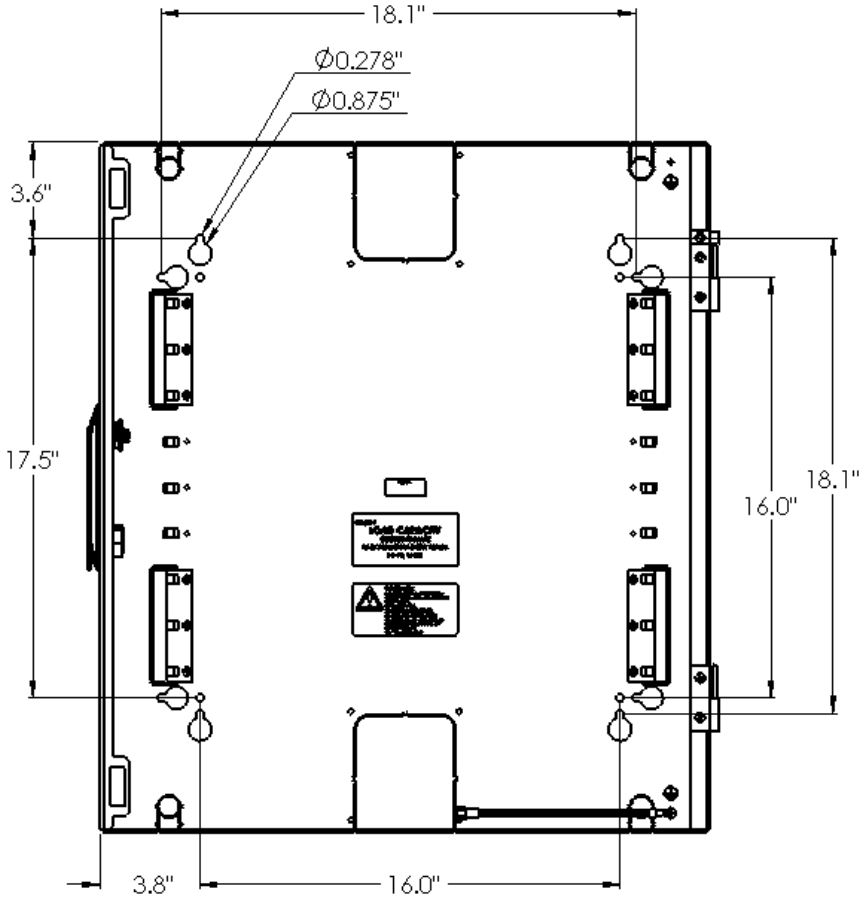
SHEETROCK WALL WITH WOOD STUDS



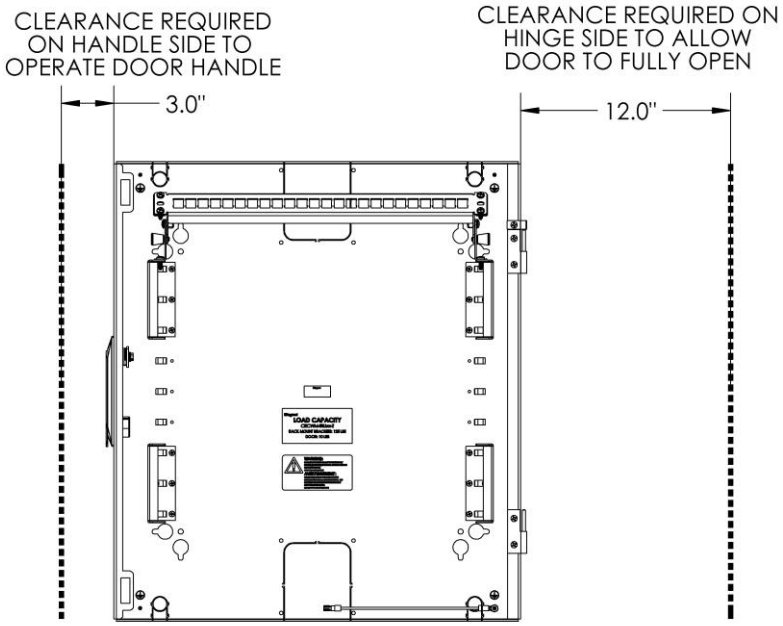
MOUNTED TO STRUT CHANNEL



HUNG WITH THREADED ROD: FOR USE OVERHEAD MOUNTING **ONLY!**



MOUNTING HOLE LOCATIONS

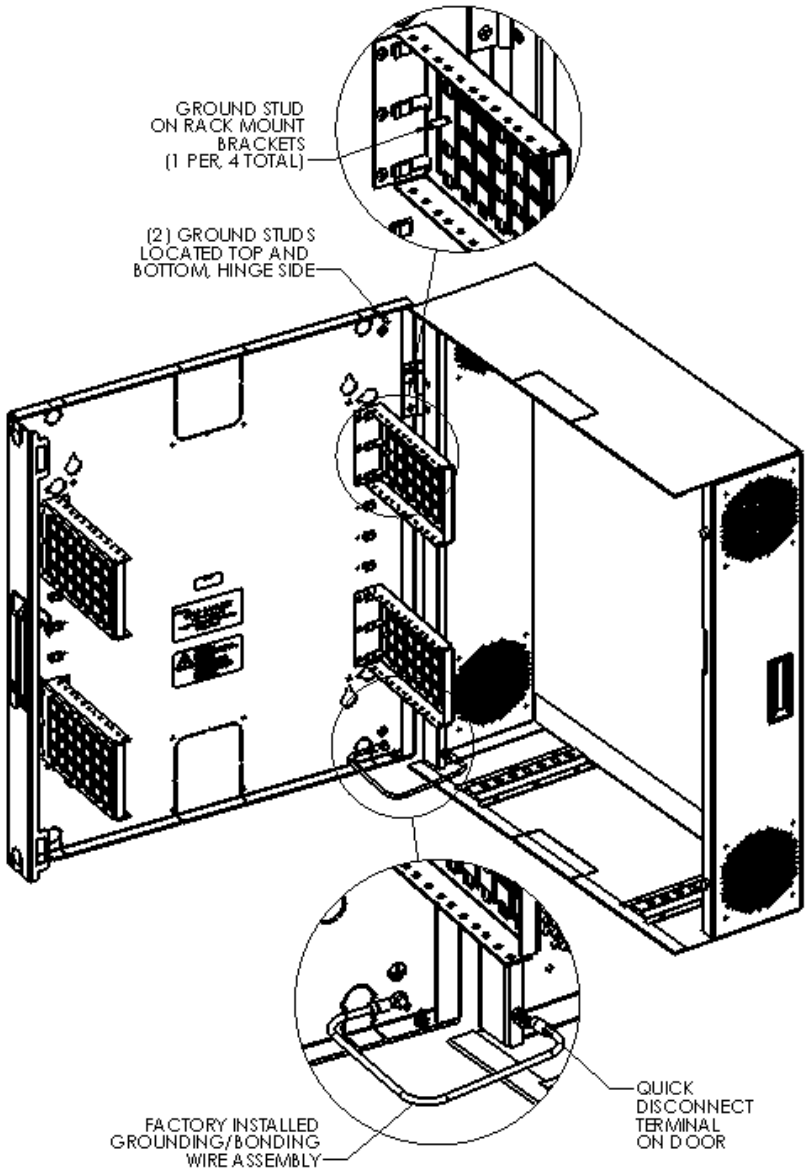


REQUIRED CLEARANCE AROUND CABINET

GROUNDING AND BONDING

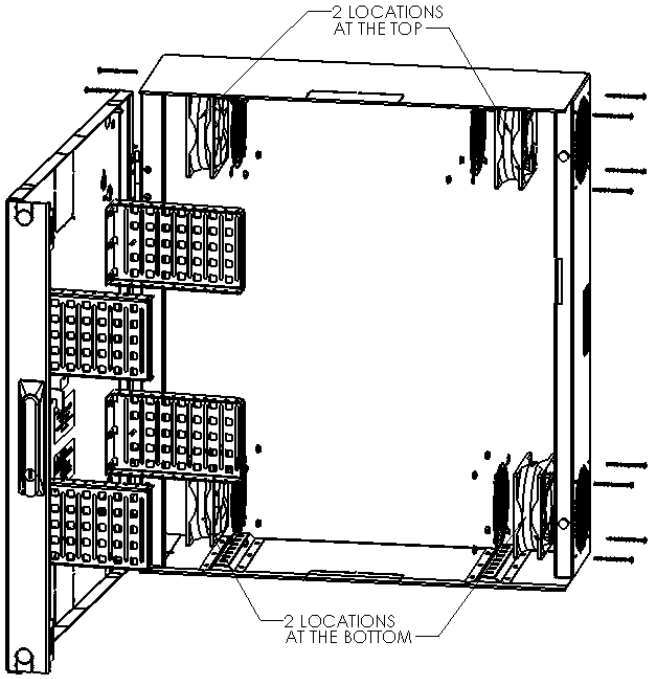
PET Symbol	Protective Earth Terminals (PET) are located in backpan of the wall rack. These terminals are marked with the PET symbol. Door and rack mount brackets contain or are provided with bonding points for connection to the backpan /PET. Protective earth and bonding connections shall be in accordance with Article 250 of the National Electric Code.

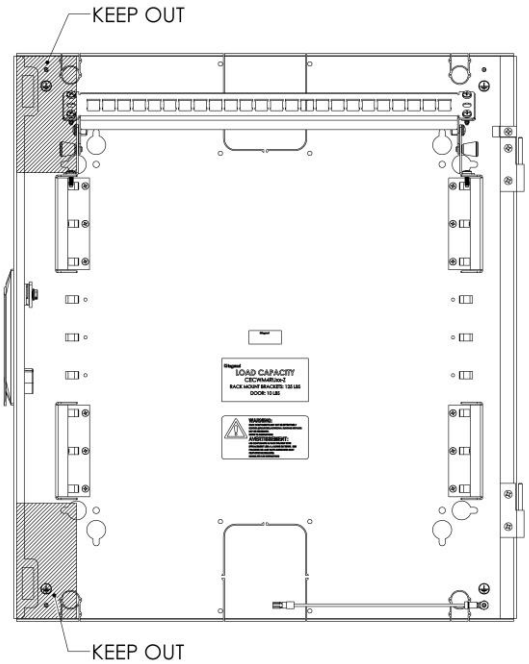
- In order for the door to be grounded/bonded, the female spade terminal of the factory installed grounding wire assembly must be connected to the PET stud in the backpan (this is done at the factory) and to the male spade terminal on the door.



COOLING FAN(S)

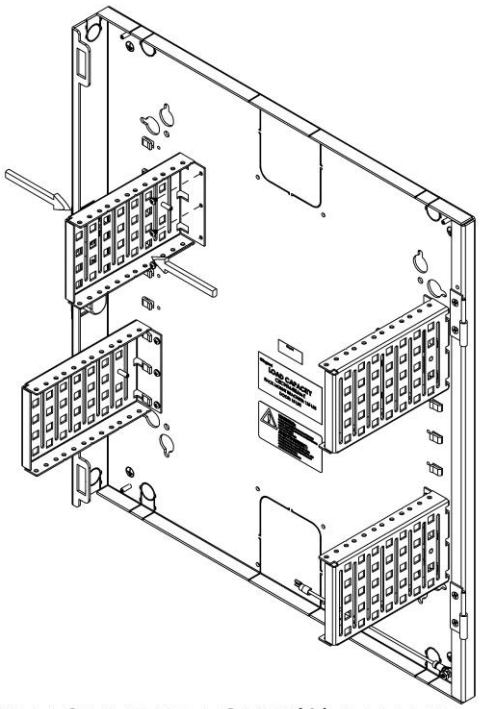
The CEC cabinet comes with 4 locations where fans (Sold Separately) may be mounted. If fans are mounted on the handle side, no cabling can be routed outside of the 17.75” EIA equipment width at the height of the fans.





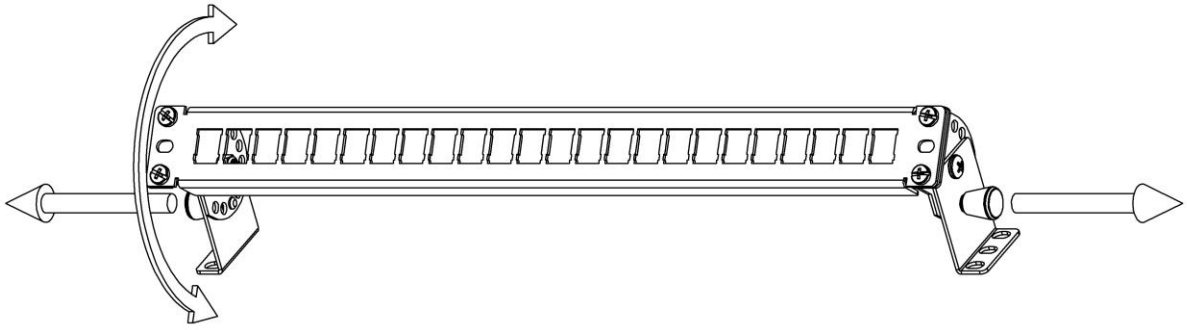
IF FANS ARE INSTALLED ON THE HANDLE SIDE OF THE DOOR, THESE AREAS ARE NOT AVAILABLE FOR CABLE ROUTING, EXCEPT INSIDE THE BACKPAN.

RACK MOUNT BRACKETS



RACK MOUNT BRACKET(S) MAY BE
REMOVED AND/OR REPOSITIONED
BY REMOVING THE THREE SCREWS, SLIDING
THEM OFF THE LANCES, SLIDING THEM ON
TO A DIFFERENT SET OF LANCES AND
REINSTALLING THE SCREWS

PIVOTING PATCH PANEL BRACKET KIT (SOLD SEPARATELY)



PULL BOTH PINS TO ENABLE ROTATION
OF THE PIVOTING PATCH PANEL