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MODULAR ENCLOSURE Installation Instructions

UNLOADING

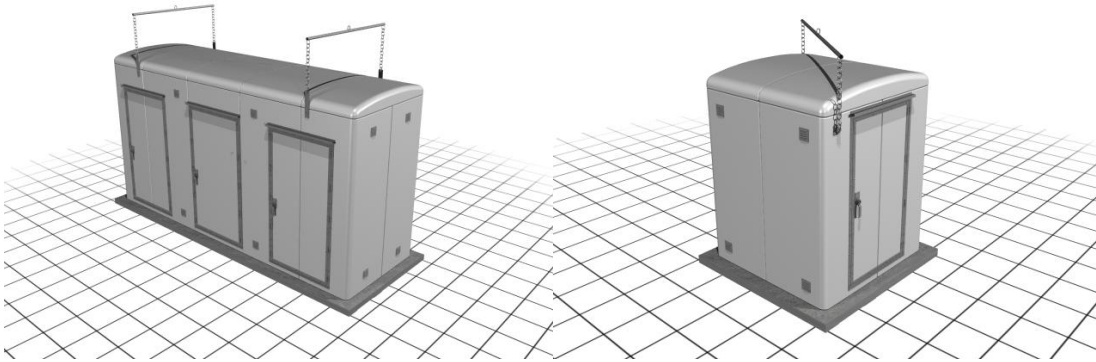
Typically the 4' and 6' wide modular enclosures can be picked up with a single forklift. Verify the pallet is set up to support the weight before attempting to lift with a single forklift. **It is important to use at least 4' long forks.**

Units that are 8' wide and larger generally require two forklifts or a crane to lift them off the truck. **If a single forklift is used it is important to use forks that are as wide as the building so that both walls are supported as the unit is lifted.** Large units are typically loaded by lifting on either side with a forklift and then having the truck back underneath the unit. Unloading can be done in a reverse manner. When using a crane a spreader bar is recommended so that the force on the lifting eyes is straight up. The length required is the width of the enclosure (4', 6', 8', 10' or 12'). Adjustment in the spreader bar assembly may be required due to uneven weight distribution such as doors or wall mounted equipment. If straps are used it is not necessary to use a spreader bar. The curvature of the roof will support the loading from the strap.

After unloading, inspect the unit for any shipping damage and note any damage on the bill lading. Some equipment may be shipped on the pallet inside the enclosure. It is important to review and inspect this equipment for shipping damage as well.

PLACEMENT

The modular enclosure can be lifted by the lifting eyes provided on the enclosure. There are 3/4" diameter holes in the eyes for attachment. There are no other special tools needed to lift the enclosure.



Remove the bolts from the internal flange to release the modular enclosure from the pallet. If any doors need to be opened while placing the unit make sure the doorstop rod is in place. Wall mounted equipment such as air conditioners may cause uneven weight distribution.

PAD

Pad and footing design is the responsibility of the customer.

The cement pad should be at least 6-8" larger than the enclosure on each side for anchorage and be completely flat. Thickness and footing design depends on the design loads and equipment to be mounted inside. The enclosure can also be mounted on a housekeeping pad where the flange is 1-2" below the interior floor. The base does not need to be sealed in this approach and allows any water, which might get inside to drain out.

ATTACHMENT

See specific APPLICATION DRAWING – PAD DETAILS page for exact anchoring details.

The base mounting flange is nominally 3/8" thick with 7/8" diameter holes on approximately 14" centers. Recommended anchor bolt size is 1/2" diameter extending 1 1/2" above with 4" embedment unless specified differently on the application drawing. Drilled in place stainless steel bolts or wedge anchors are recommended due to variations in pads, door placement, equipment mounting, etc. It is not necessary to use all anchor bolt holes provided. The extra holes are provided in case floor or wall mounted equipment is in the way. Each wall or corner section should have at least two anchor bolts and they should be equally spaced around the enclosure. Single doors should have at least (2) anchor bolts underneath the opening and double doors should have (3-4) depending on the width.

ADJUSTMENT

After the enclosure is securely bolted to the pad, the door may require some adjustment. This can be accomplished by loosening the ¼" bolts holding the hinges. The door should then be shimmed on the bottom and side opposite the hinges. Retighten the ¼" bolts on the inside with the shims in place. If the pad is not completely level it may be necessary to shim under the enclosure flange for the door to operate correctly.

