WEILAND
INDUSTRIAL DOORS & WINDOWS

SANISLIDE™ BI-PARTING SLIDER

INSTALL INSTRUCTIONS

DO NOT DISCARD

www.weilanddoors.com

SLIDERS-SanislideBiParting-InstallationInstructions-J0324

806 West South Airport Road - Norfolk, NE 68701 | www. weilanddoors.com | 402.454.2106

BEFORE YOU INSTALL YOUR DOOR, PLEASE REVIEW THESE BASIC GUIDELINES.

1. All doors must be installed on plumb walls. Any walls out of plumb will require that the door frames be shimmed back to plumb. All door frames must be installed plumb and square to insure proper operation and warranty.

2. All headers and side casings should be securely fastened to the wall on which they are installed.

3. Doors mounted on insulated panels should have backup headers and backup casings to help strengthen the opening.

4. Doors mounted on very tall panel walls will require support steel to be added to the wall around the door opening. Support steel, if required, is to be supplied and specified by others.

5. The exterior and interior edges of headers and side casings should be caulked with silicone to prevent any moisture migration behind the components that may cause frost or sweating.

NOTICE: Always consult and comply with all local electrical codes. Ensure that the licensed electrician is aware of the voltage and amperage requirements of the door and uses the proper size wire and power supply. All freezer doors should be supplied with an uninterrupted and separate power supply for the anti-frost heaters.

TOOLS REQUIRED

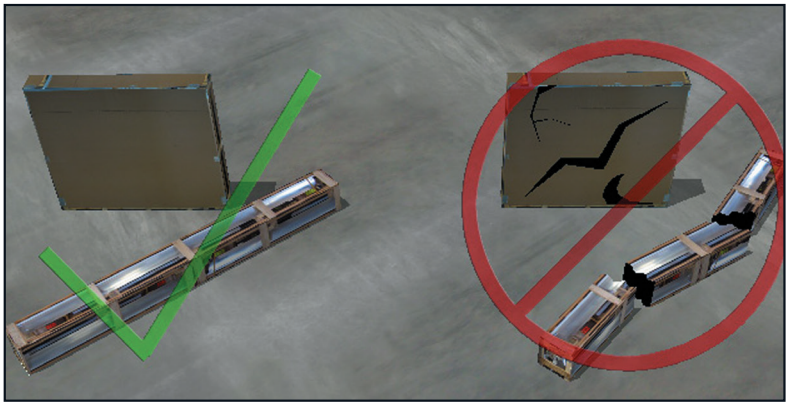
TYPICAL
15/16" Wrench
9/16" Wrench
1/2" Wrench
Drill
Hammer Drill
9/16" Socket
3/8" Masonry Bit
Caulk and Caulk Gun
3 Clamps
Sawsall (Metal Blade) or Hack Saw
Plumb Bob
Level
Tape Measure
Ladders or Electric Lift
Shims (May Be Required)

LAG BOLTS
P3 Drill Tip
Long 1/4" Drill Bit

CARRIAGE BOLTS
Long 3/8" Drill Bit

NYLON BOLTS
Long 1/2" Drill Bit

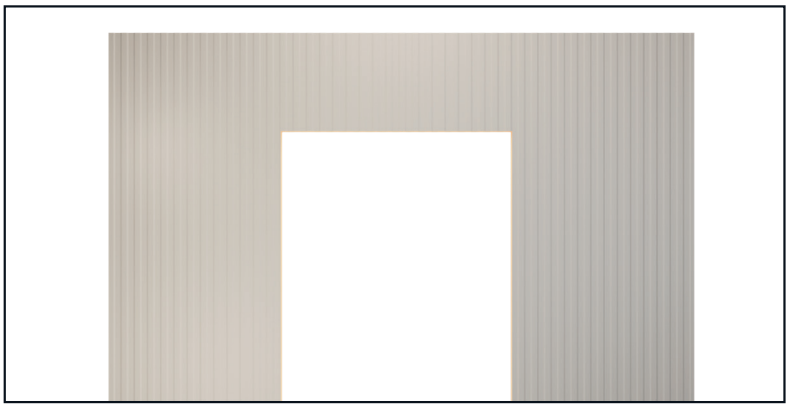
POWER DOORS
Crimping Tool
Phillips Screwdriver



STEP 1:

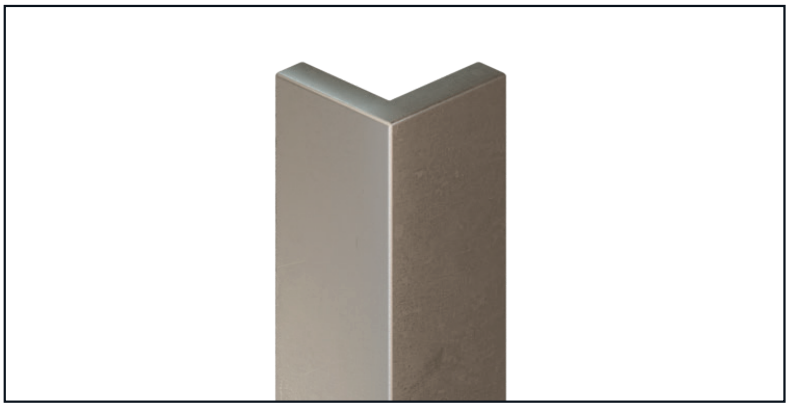
Check and inspect all crates for damage.

Note: Any damage needs to be notated on the bill of lading before the shipper leaves, and Weiland needs to be contacted immediately. Otherwise, the customer may be responsible for handling damage claims.



STEP 2:

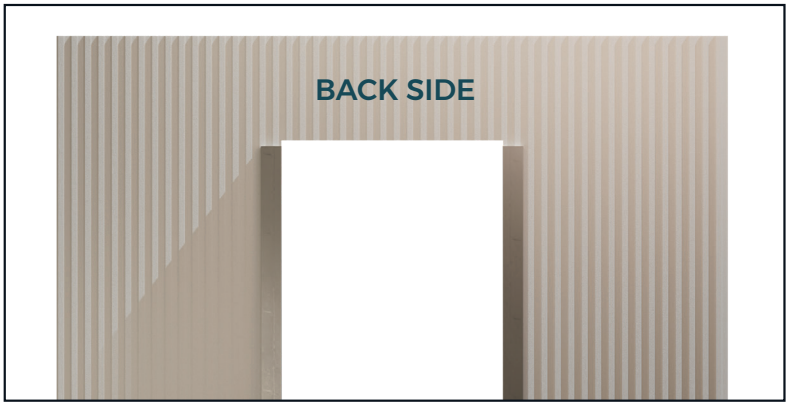
Prepare opening for frame and door assembly. For doors with jambs, rough opening should be 2" wider than the width-in-clear of the door and 1" taller than the height-in-clear of the door.



STEP 3:

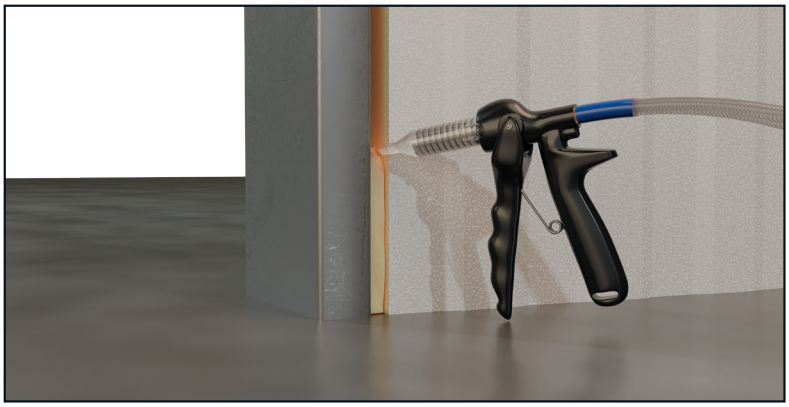
All doors & door frames must be installed plumb & square to ensure proper operation. Verify that walls are plumb. Any walls out of plumb will require that door frames be shimmed back to plumb. After it has been established that walls are plumb, installation of side casings, header and door(s) can begin.

Note: Doors with jambs have the jamb attached to the REAR vertical casing.



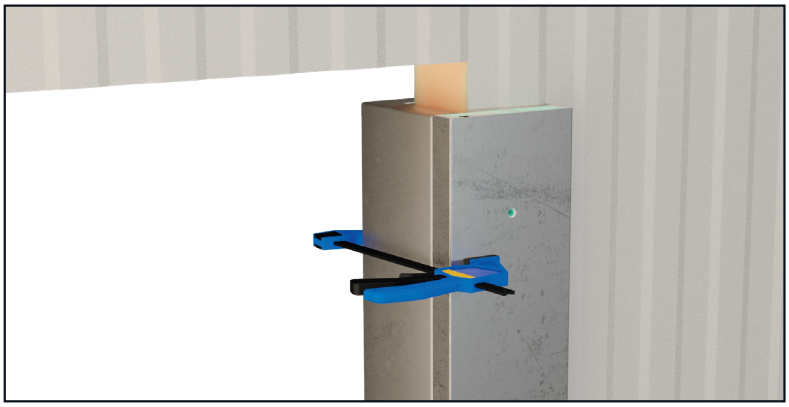
STEP 4:

Install the rear casing/jamb assembly from the back side. Ensure casing is plumb and level (shim behind the casing if necessary). Temporarily clamp to wall. Repeat on other side, ensuring appropriate finished space between the left and right casing (matching the shop drawing WIC / HIC measurements). Also ensure that the top of each vertical casing is level (floors may not be level).



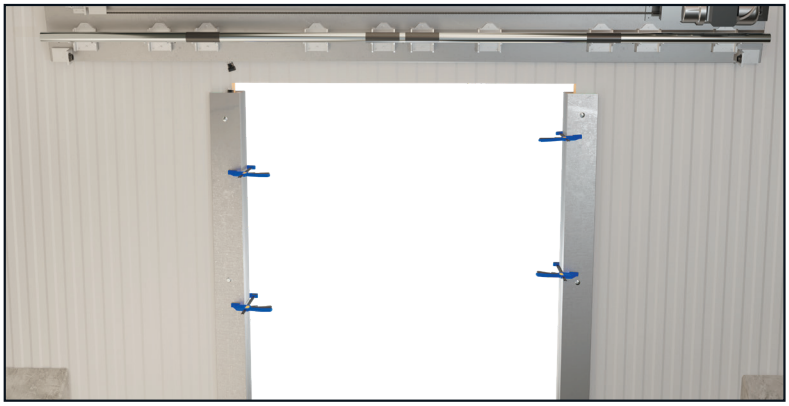
STEP 5:

Using a quality 2 component foam such as Dow Froth Pak, foam the gap between the wall and jamb and allow it to cure. This bonds the casings and jambs to the wall and prevents air gaps and condensation. Ensure foam expansion doesn't move casings - consider temporarily wedging 2x4 spacer boards between jambs to keep casings from bowing during foaming process.



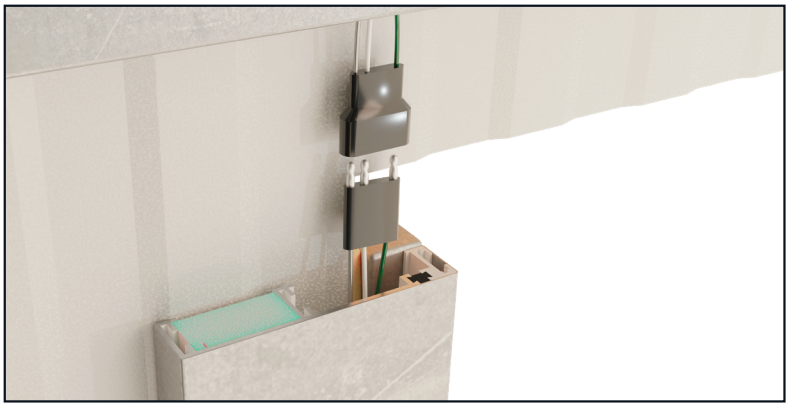
STEP 6:

After foam is cured and trimmed, install vertical front casings. Temporarily clamp the entire assembly in place once the front trim is plumb and square.



STEP 7:

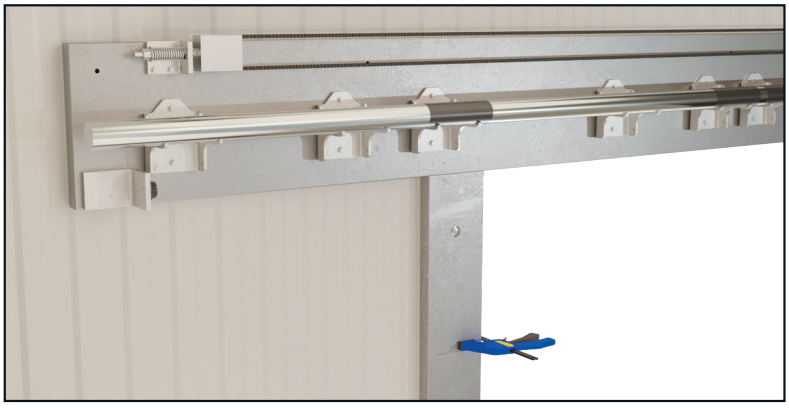
Using a scissor lift or hoist, place header with track assembly above the vertical casings, in the correct position (offset to the correct side for single slides, or centered over the opening for bi-parts). Do not lower header into position until the following step is completed.



STEP 8:

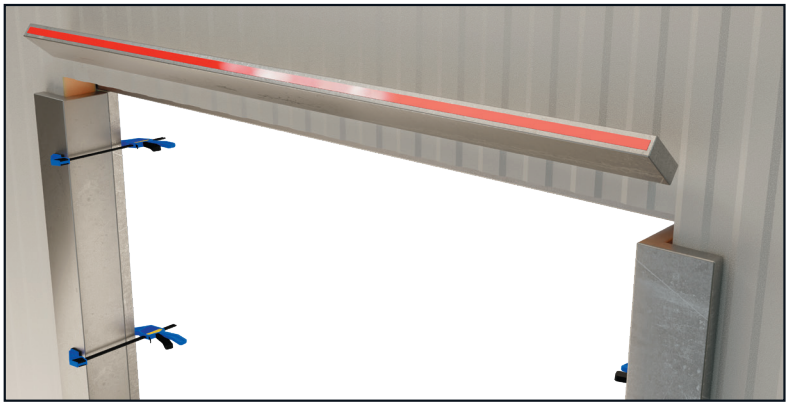
Make all the wired connections between the vertical side casings and the header. Quick connections have been installed at the factory for easy pairing in the field.

CRITICAL STEP: USE EXTREME CAUTION WHILE TUCKING WIRES IN TO NOT DAMAGE WIRES OR CONNECTORS, OR LEAVE ANY WIRE HANGING OUT THAT MAY BECOME PINCHED.



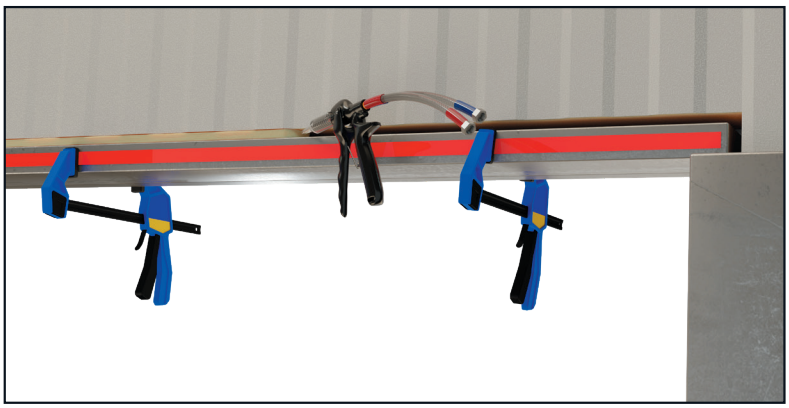
STEP 9:

Carefully lower header onto side casings and temporarily secure into place.



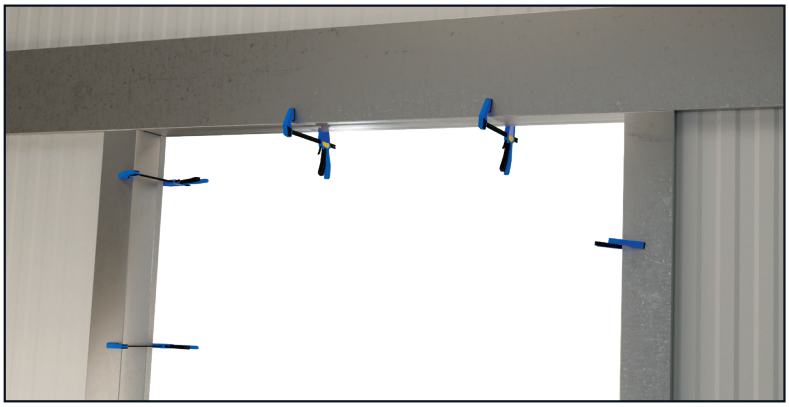
STEP 10:

Install top jamb. Position the top jamb on top of the vertical jambs in the opening. The metal needs to be dry and above 60 degrees for the VHB to adhere. Clamp in place.



STEP 11:

Using a quality two-component urethane foam, foam the gap between the wall and jamb and allow it to cure. Trim any excess foam using caution not to damage the VHB tape.



STEP 12:

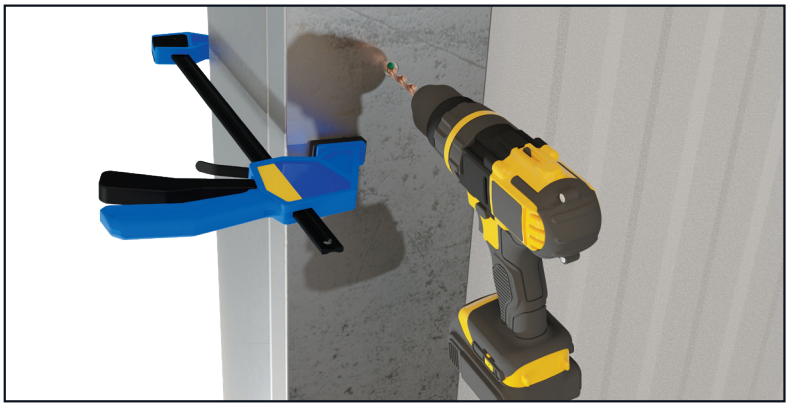
Carefully peel back a small section of VHB tape backer on both sides. Place rear header in place and ensure it is aligned with the front header. Once positioned, remove the entire strip of VHB backer. Temporarily clamp the entire header assembly in place once everything is level.

STEP 13:

Drill through the face casing/wall/back trim. Once finished, countersink the face casing slightly so carriage bolt can fully set into hole.

STEP 14:

Attach header to wall with lags or carriage bolts into each of the pre-drilled holes along the length of the header. Make sure that the fasteners are placed ABOVE track assembly so that the gasket on the back of the door has free travel. Place one lag or carriage bolt near bottom of header on each end - into the pre-drilled holes. CAUTION: Do not drill your own holes without factory approval as you may damage internal wiring within the header/casings. Be careful not to over-tighten fasteners.



STEP 15:

Repeat for vertical casings.

STEP 16:

If using carriage bolts, ensure domed head is on the door side (not the washer/nuts). The door needs to be able to glide over the fasteners without tearing the wiper gasketing.

STEP 17:

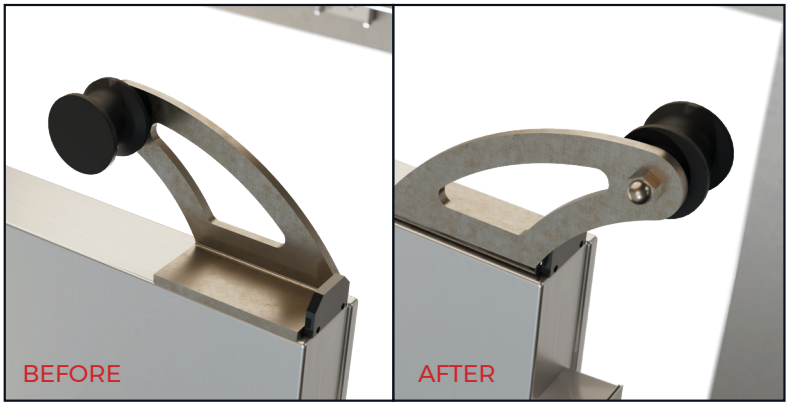
View of installed casings.

STEP 18:

Inspect door panels and confirm door numbers. Move into position being careful not to scratch metal surface or damage gasket.

STEP 19:

Place the door panel(s) on wooden blocks and lift upright.

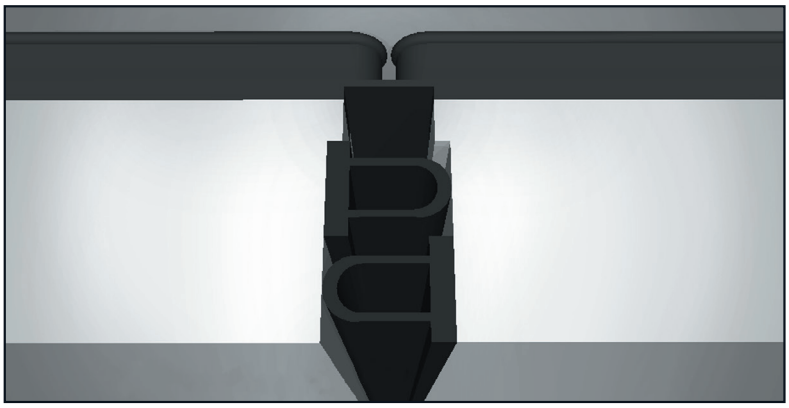


STEP 20:

Some roller brackets may require being rotated after shipping. Losen and remove the bolts, rotate the roller bracket assembly and reinstall the bolts. Be sure to re-tighten the bolts before moving on to the next step.

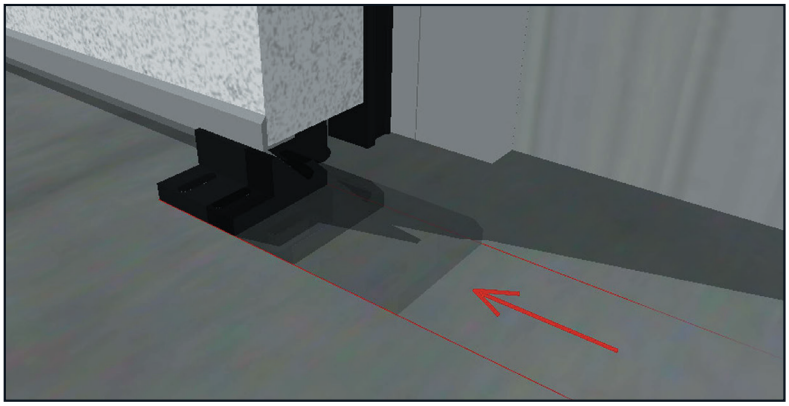
STEP 21:

Temporarily remove the black “anti-jump” guards on the roller assemblies and place panels on to the track. Reinstall the “anti-jump” guards.



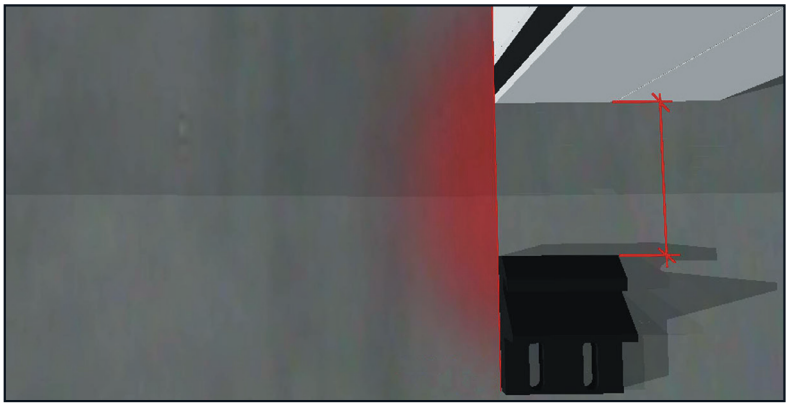
STEP 22:

On bi-parting doors, ensure that both panels are parallel to each other and that they close and seal with each other properly. If door(s) does not seal properly, adjustments can be made by adjusting the rollers with shims.



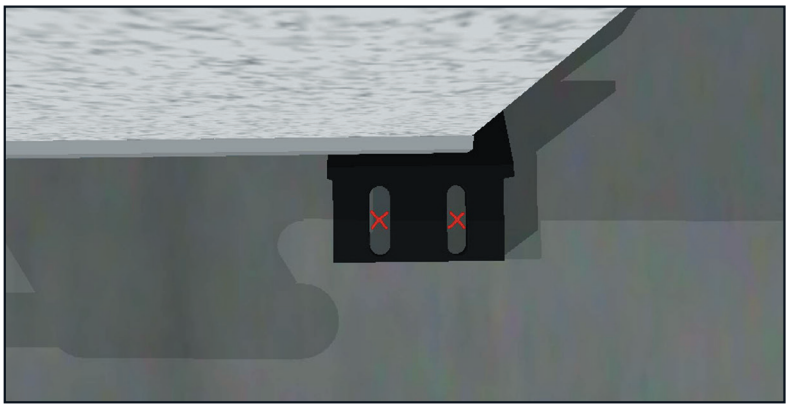
STEP 23:

With door(s) in closed position, slide Bottom Door Guide(s) underneath trailing edge side of Bottom Door Guide Rail(s) and position as follows.



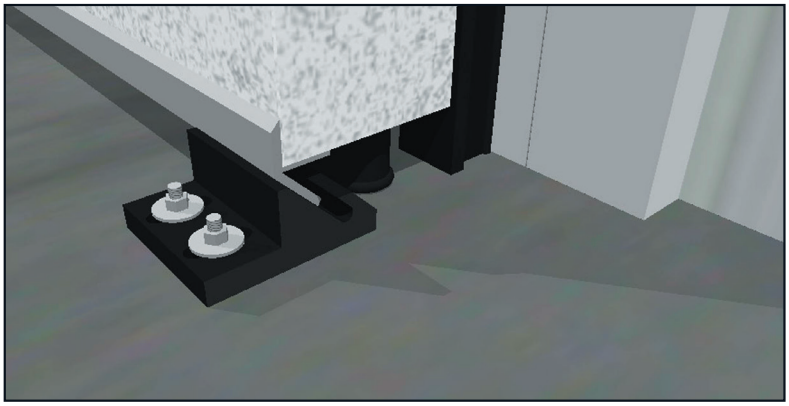
STEP 24:

Bottom Door Guide(s) should be positioned approximately 4",5" or 5 1/2" -- depending on door thickness-- away from the face of the trailing edge side casing to back of Bottom Door Guide(s). With door(s) in closed position, the trailing edge end of Bottom Door Guide(s) should extend approximately 2" beyond trailing edge of door(s).



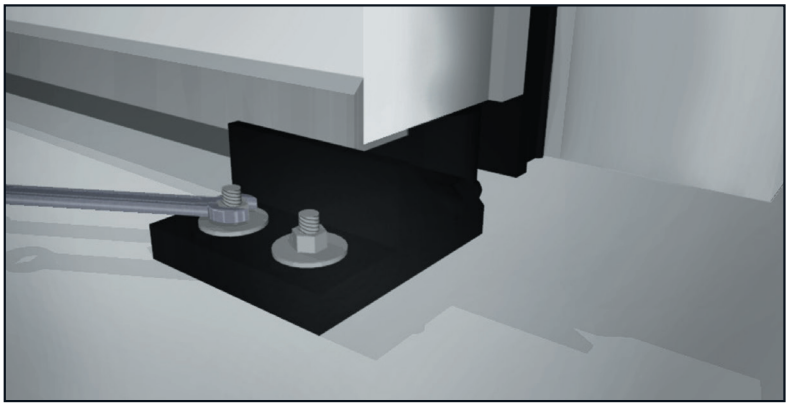
STEP 25:

Mark center of two slots of Bottom Door Guide(s) on floor. If floor is sloped, and guide doesn't engage the door glide trim, you may need to skim under guide.



STEP 26:

Insert anchor bolts (provided).



STEP 27:

Tighten bolts on floor guide.

STEP 28:

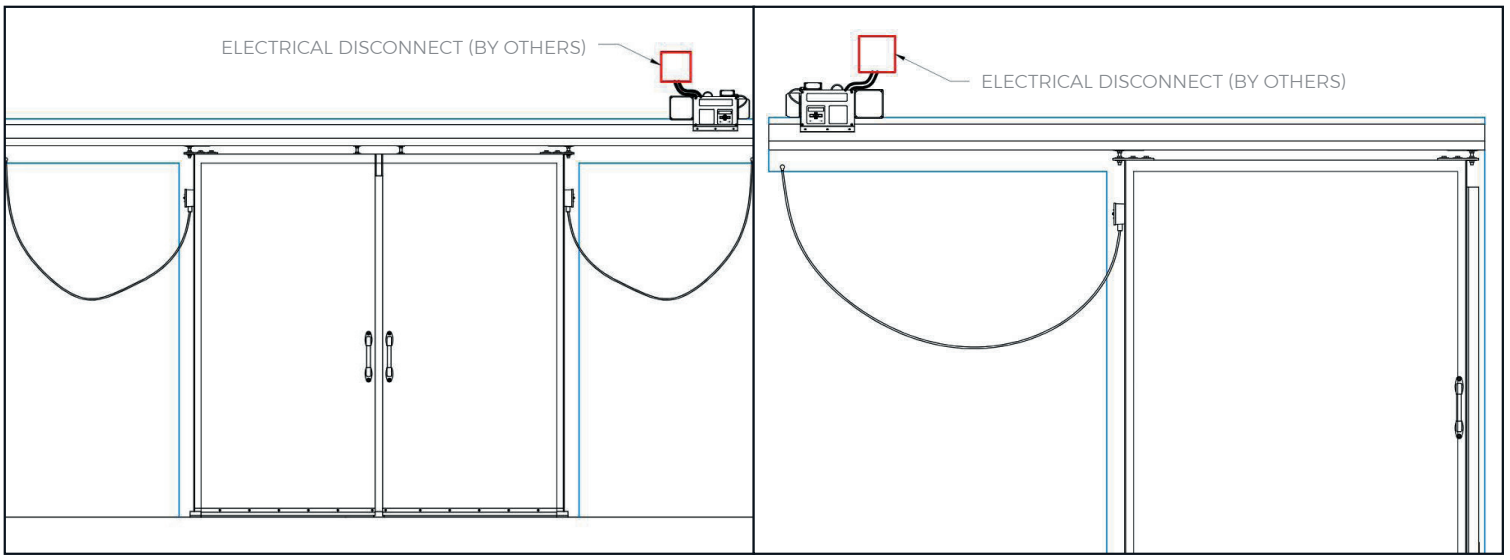
CRITICAL STEP! After Bottom Door Guide(s) or Wall Guide(s) has been properly installed, adjust door(s) for proper seal between door gaskets and header and side casings. Open door(s) approximately 6" into door opening. Gasket at top of door(s) should be approximately 1/8" from header. This dimension will ensure a proper seal once door(s) is closed.

STEP 29:

Close door(s) and check all four sides for proper seal. Make any adjustments to roller brackets, and bottom door guides to tighten or losen seals to achieve proper seal.

STEP 30:

Caulk exterior, interior, and bottom edges of side casings and header with silicone to prevent frost and sweating.

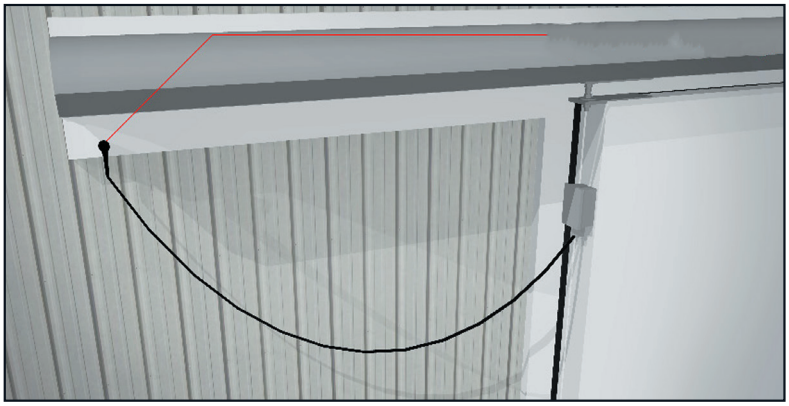


STEP 31:

Below are the available configurations for a power operator. This must be specified at the time of ordering. All configurations are single phase regardless of voltage.

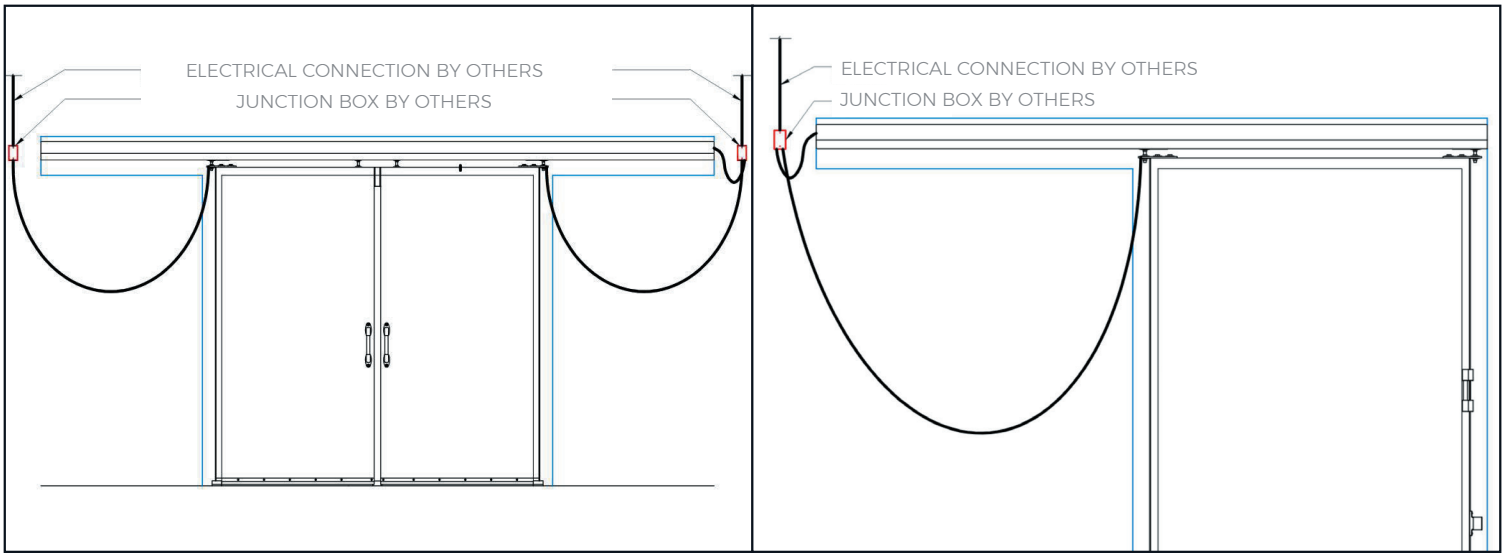
120 VAC 7.6 AMPS, 208-230 VAC 3.8 AMPS, 460-480 VAC 2 AMPS

POWERED OPERATORS SHOULD BE SUPPLIED WITH AN UNINTERRUPTED AND SEPARATE POWER SUPPLY. The control box will be mounted on the wall adjacent to the motor. Always try to mount the control box in the warmest possible environment to ensure best operation. *Ensure that licensed electrician is aware of voltage and amperage requirements and uses proper wire size and power supply. Always consult and comply with all local electrical codes.*



STEP 32:

Power operated doors supplied with a motor and reversing sensor will have wire that runs from the trailing edge of the panel to a female connection on the header. Uncoil cord and plug into the trailing edge of header. On bi-parting doors, there will be two reversing edge plugs on the side of each panel. Install stabilizer screw.



STEP 33:

SJ Cords on freezer doors should be routed to a 120-vold electrical j-box *(not supplied)*, positioned adjacent to the trailing edge of the header on a single slide, and on both sides of the header on a bi-part.