Swing Door Installation Guide

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Handle with Care - do's & don'ts

DO's

- Carefully inspect all product for damage upon receipt.
- Use protective foam between product and surface or any object it may come into contact with while in transit, storage and/or installation.
- Carefully unload product from any type of crating material assuring no contact with fasteners or sharp edges.
- Clear floor at opening for debris before installing product.
- Single person lifting of product could cause injury. Use assistance when moving or lifting.
- Install product with appropriate lifting equipment.

DON'Ts

- **Do not** – stand on product.
- **Do not** – climb on product.
- **Do not** – walk on product.
- **Do not** – throw or toss product.
- **Do not** – allow sharp objects to come in contact with product.
- **Do not** – leave product unsecured while in transit or during installation.

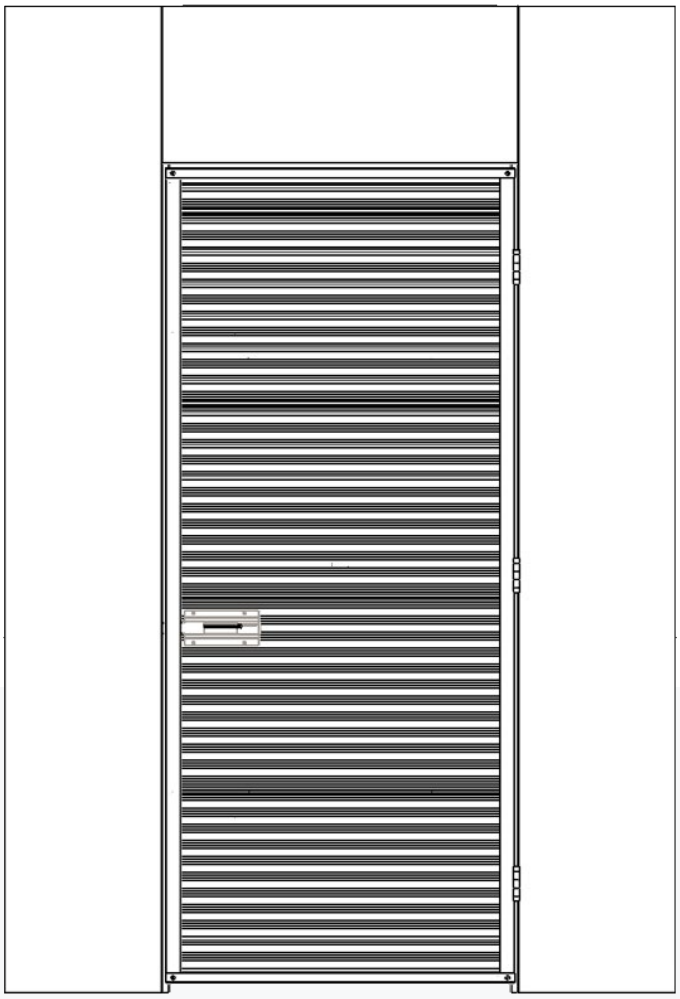
✦Failure to adhere to the above conditions will result in personal injury or product damage not covered under SteelBlue Building Components product warranty. Always handle product with care and review all instructions, warnings and notes before installing product.

✦Door assemblies are manufactured per opening widths and heights specified at time of order. SteelBlue Building Components will not be held responsible for opening widths and heights that do not match those specified at time of order.

Important Safety Information

- Carefully read installation instruction, familiarize yourself with all installation procedures, warnings, cautions, and notes before attempting to install door.
- Inspect received door assembly for visible damage and/or component shortages.
  - A. Shipping damage: file damage claim immediately with freight carrier, supply door supplier with photo documentation to receive replacement components.
  - B. Part shortage: immediately contact door supplier with parts shortage claim, order number, door model and photo documentation are encouraged to expedite process.
  - C. Incorrect parts: if received door components and parts do not match those referenced in these installation instructions, immediately contact door supplier.
- If, at any time before or during installation, you are unfamiliar, uncomfortable, or confused by the installation procedures outlined in these instructions, do not attempt to install door assembly; immediately contact the door supplier with questions/concerns.

Full-Size Swing Door Installation



Step 1: Prep & Inspection

- Measure the rough opening and ensure it matches the size of the full-swing door on the order. **See Figure 1**.
- Visually inspect the door to ensure there is no damage prior to installation.
- Gather the following tools and fasteners needed to install the swing door:

  (9) #12-24 x 11/16 #10 flat head, #3 Phillips Drive Hinge Screw (supplied)

  Drill/Impact with #3 Phillips Drive bit

  3/4 – 1" thick spacer, use wood if needed

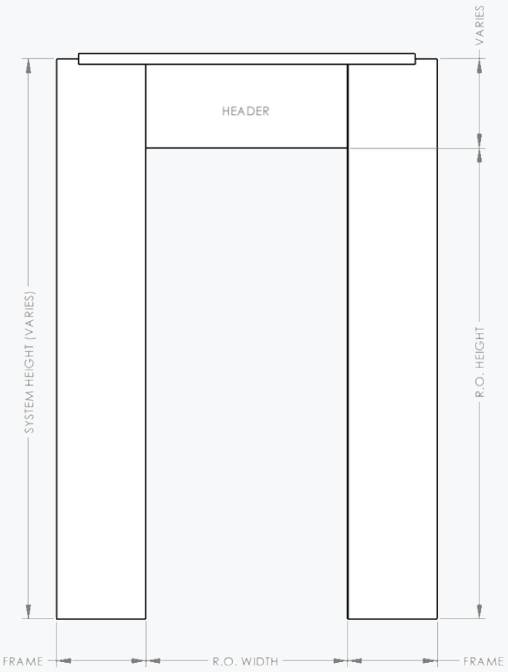


figure 1

Step 2: Position the Door

- Place 3/4 – 1” thick spacer on floor, in between the frames.
- Sit the door on the spacer and see if the latch slide lines up with the cutout in the frame. The door can be positioned up or down to align with the cutout, just ensure the door has enough gap on the bottom and doesn’t drag on the floor. If it does line up, proceed to next step.
- Position door while still on the spacer to where the door is perpendicular to the opening and the hinges are against the frame.

Step 3: Attach Hinges

- Open the hinges, so the free leaf is against the inside of the frame. **See Figure 2**.
- Align the front edge of the free leaf of the top hinge with the front of the frame. **See Figure 3**.
- Install (1) screw into the center hole of the top hinge.
- Align the front edge of the free leaf of the bottom hinge with the front of the frame.
- Install (1) screw into the center hole of the bottom hinge

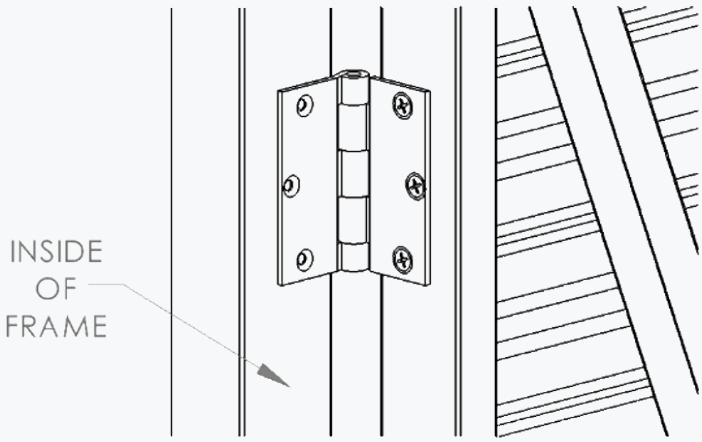


figure 2

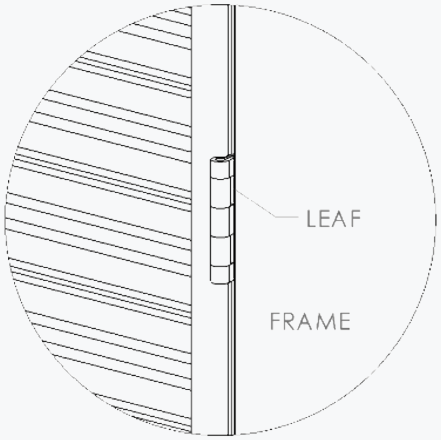


figure 3

Step 4: Finalize Door Installation

- Remove the spacer from under the door and check operation of the door.
- If ok, install the remaining (7) screws in the hinges.

Full-Size Swing Door Stop Installation

Step 1: Prep & Inspection

- Measure the swing door stop length and ensure they match the rough opening height.
- Visually inspect the door stops to ensure there is no damage prior to installation.
- Gather the following tools and fasteners needed to install the swing door stop:

  (10) #8 x 1/2 white painted hallway screws

  5/16 nut driver drill/impact attachment

  (2) Swing Door Stops

Step 2: Install Door Stops

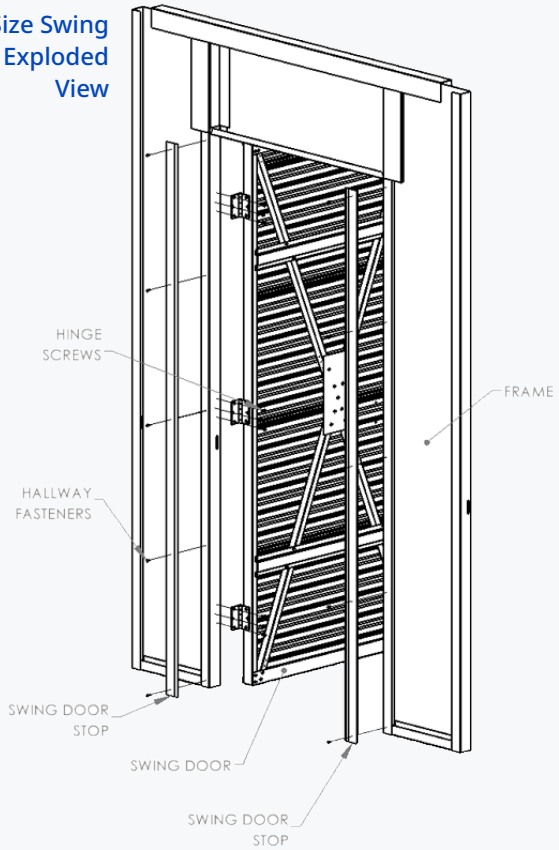
- From inside the unit with the door closed, place the bottom of the stop on the floor and position the stop on the back side of the frame as shown. **See Figure 4**.

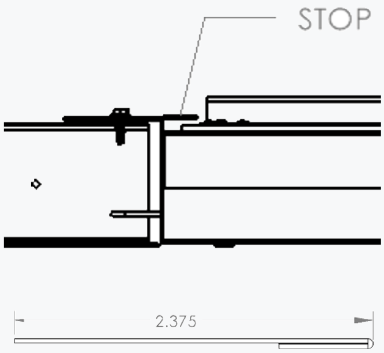
figure 4



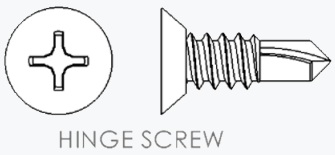
- Ensure that the stop clears and doesn't interfere with the horizontal members on the back of the swing door.
- Fasten the stop to the frame using (5) screws per stop, spaced evenly.
- After all the screws are installed, check the operation of the door one last time to ensure the door isn't rubbing nor catching on the stop.

Full-Size Swing Door Exploded View



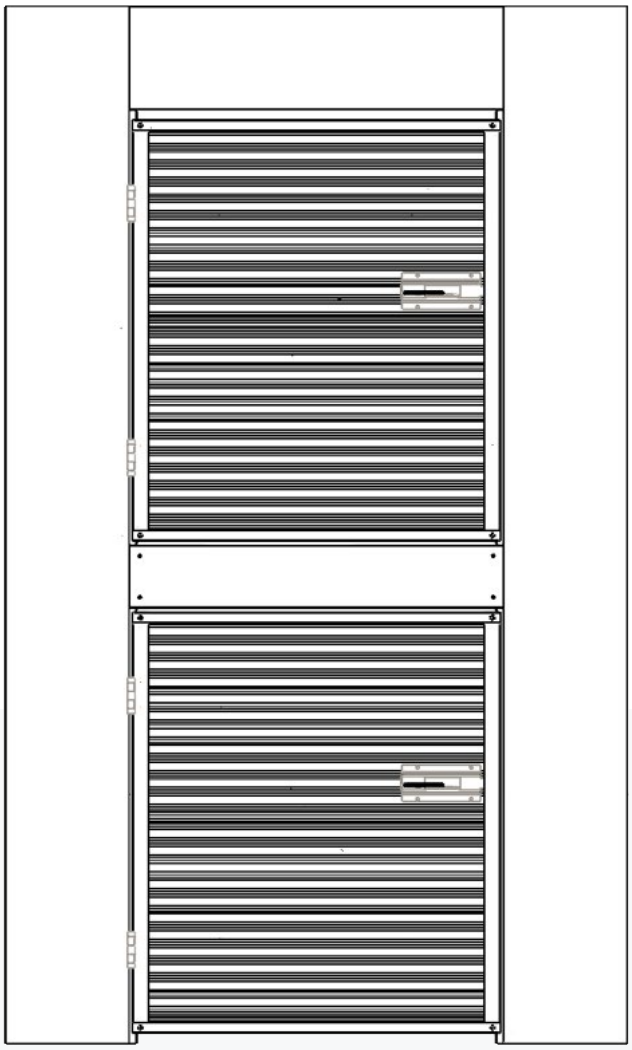


Swing Door Stop Detail





Double Stacked Locker Door Installation



Step 1: Install Center Mullion

- Install a Single Flush Plate (SIFL) on each frame with (2) #8 x ½ Hallway Screws and locate them so the top of Center Mullion is at 48” from the floor. This dimension may change based on system height and requested door height from customer. **See Figure 5 & 6**.
- Install the Center Mullion to the Single Flush Plates (SIFL) and secure with (4) white #8 x ½ Hallway Screws. **See Figure 5**.

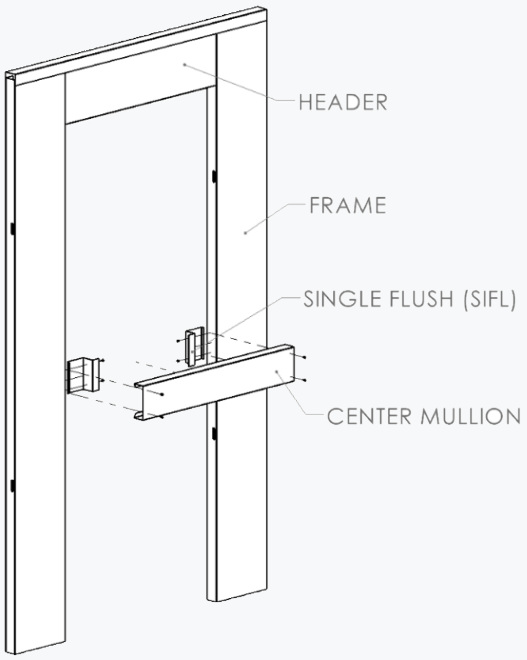


figure 5

Step 2: Prep & Inspection

- Measure the rough openings and ensure they match the size of the locker doors on the order. **See Figure 6**.
- Visually inspect the doors to ensure there is no damage prior to installation.
- Gather the following tools and fasteners needed to install the swing door:

  (12) #12-24 x 11/16 #10 flat head, #3 Phillips Drive Hinge Screw (supplied)

  Drill/Impact with #3 Phillips Drive bit

  3/4 – 1" thick spacer, use wood if needed

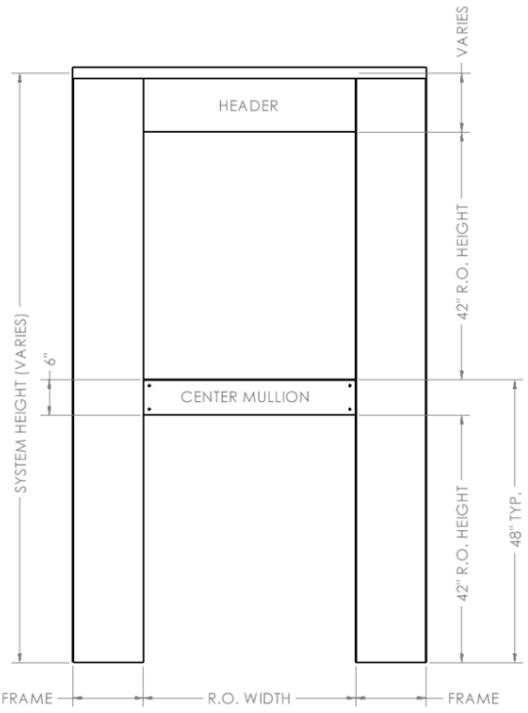


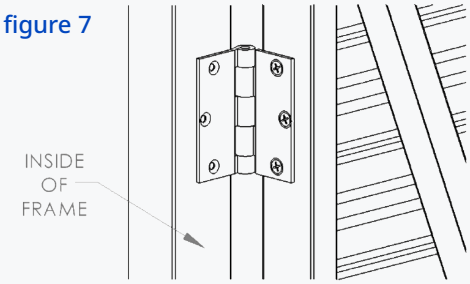
figure 6

Step 3: Install Hinges & Locker Doors

- Place 3/4 – 1" thick spacer on floor, in between the frames.
- Sit the bottom door on the spacer and see if the latch slide lines up with the cutout in the frame. If it does not, mark how much additional needs cut out and make modifications to cutout. If it does line up, proceed to next step.
- Position door while still on the spacer to where the door is perpendicular to the opening and the hinges are against the frame.
- Open the hinges, so the free leaf is against the inside of the frame. **See Figure 7**.
- Align the front edge of the free leaf of the top hinge with the front of the frame. **See Figure 8**.
- Install (1) screw into the center hole of the top hinge.
- Align the front edge of the free leaf of the bottom hinge with the front of the frame.
- Install (1) screw into the center hole of the bottom hinge
- Remove the spacer from under the door and check operation of the door. If ok, install the remaining (4) screws in the hinges.

  Repeat all the above steps for the top door, except make sure the wider gap is at the top of the door and ensure the latch aligns with the cutout in the frame. The door can be positioned up or down in the opening to ensure alignment with cutout.

figure 7



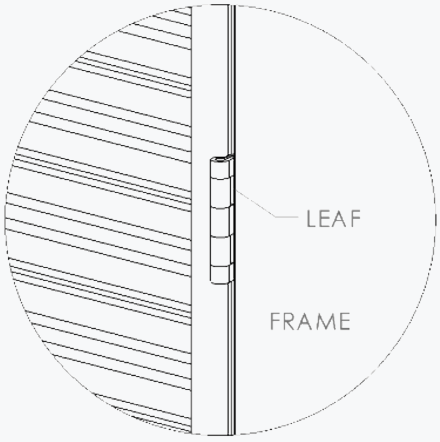


figure 8

Double Stack Locker Swing Door Stop Installation

Step 1: Prep & Inspection

- Measure the swing door stop length and ensure they match the rough opening height.
- Visually inspect the door stops to ensure there is no damage prior to installation.
- Gather the following tools and fasteners needed to install the swing door stop:

  (12) #8 x 1/2 white painted hallway screws

  5/16 nut driver drill/impact attachment

  (4) Swing Door Stops

Step 2: Install Door Stops

- From inside the unit with the door closed, place the stops for the doors on the inside of the frame and position the stop on the back side of the frame as shown. The stops for the bottom doors will sit on the floor, while the stops for the top doors will sit flush with the top of the Center Mullion. **See Figure 9 and Double Stack Locker Exploded View**.

figure 9

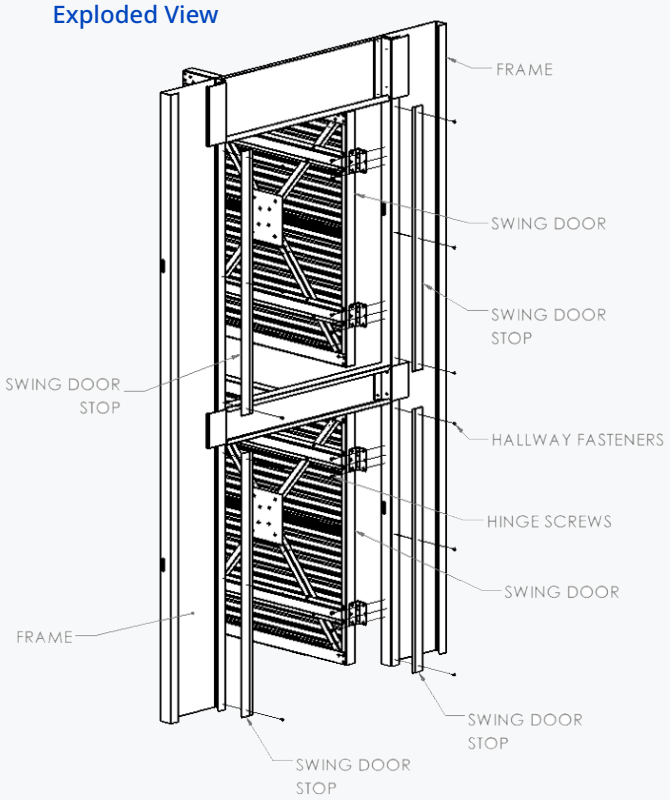


- Ensure that the stop clears and doesn't interfere with the horizontal members on the back of the doors.
- Fasten the stop to the frame using (3) screws per stop, spaced evenly.
- After all the screws are installed, check the operation of the door one last time to ensure the door isn't rubbing nor catching on the stop.



Swing Door Stop Detail

Double Stack Locker Exploded View





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