RollSeal RS200 Manually Operated Doors

Overview:

This manually operated Rollseal door is produced specifically for a minimum daily use cooler application. This install guide will get the installer from uncrating to operation in a few steps.

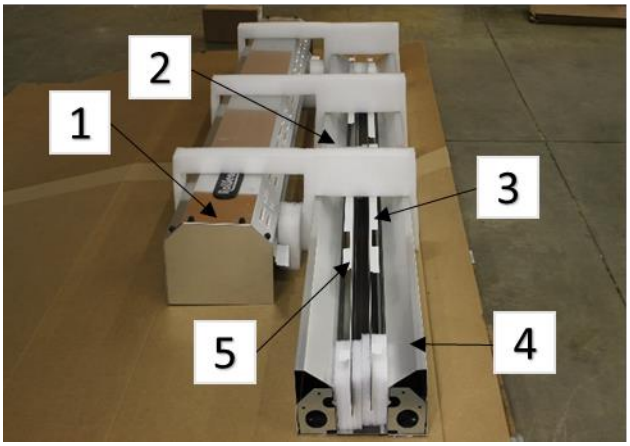
Step 1: Uncrating

The door will arrive in a cardboard box. Open the box as to not damage the door components inside.

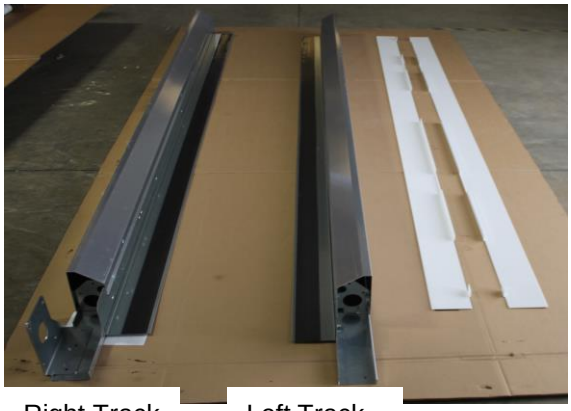
Keep the large box folds to lay door components on during the installation.

There should be 7 door components visible.

1. Head Unit Assembly
2. Right Track Assembly
3. Right Front Track (Painted)
4. Left Track Assembly
5. Left Front Track (Painted)
6. Chain Hoist
7. Hardware Kit



Remove the Left and Right Front Tracks from their packaging and place them flat magnet side down on some of the cardboard from earlier in an area away from the door opening.



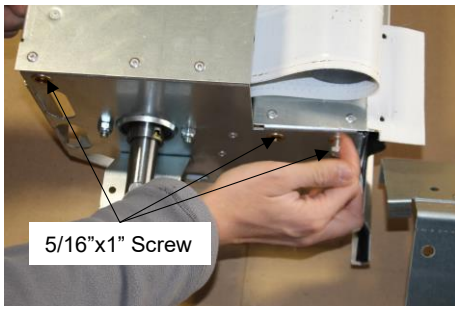
Right Track Left Track

Move the Right and Left track assemblies out so that you can easily access the six phillips head screws on each assembly that hold the cladding to the frame. Remove these screws so that the cladding can be removed from the frame. Put the cladding and screws in the same area as the Front tracks from earlier.

With the Head Unit Assembly on its back, unlatch the two latches and slightly lift/rotate the Cover and push away. This will allow the pivot points of the cover to move out of their slots in the frame so that the cover can be removed and set aside with the other cladding until the door frame is installed.

Step 2: Assembly

Take the head unit assembly and rotate it 180 degrees so that the back is facing up. It is helpful if you have the assembly about eleven feet from the opening you are covering and positioned so that the hand chain shaft is on the right side.



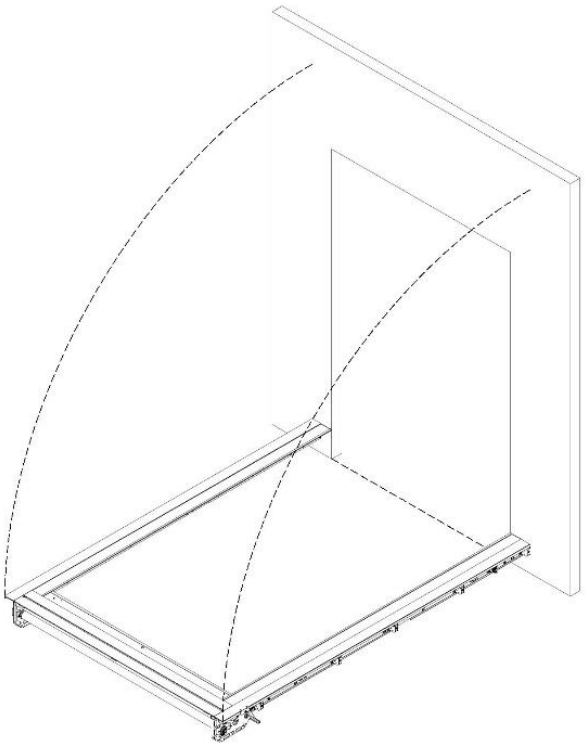
There are three 5/16”x1” bolts on each side of the unit that must be removed so that the track assemblies can be mounted.

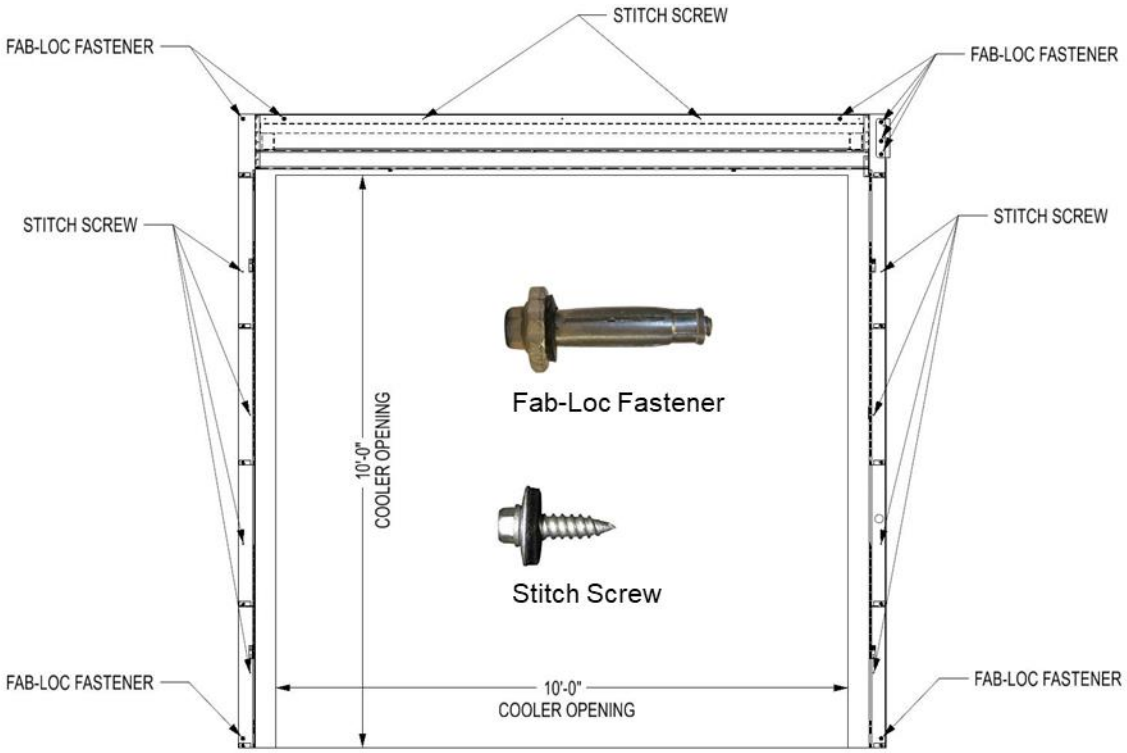
Position the Left and Right Track Assemblies at their perspective sides of the Head Unit Assembly Facing Down. Using the 5/16” bolts removed earlier, align the holes in the Track Assembly with the three locations on the Head Assembly and tighten the bolts.

Step 3: Door Installation

With the door frame lying face down and the tracks aligned with the frame opening, rotate the assembled frame upright by “walking” the legs upright as they are pinned against the cooler wall at the bottom.

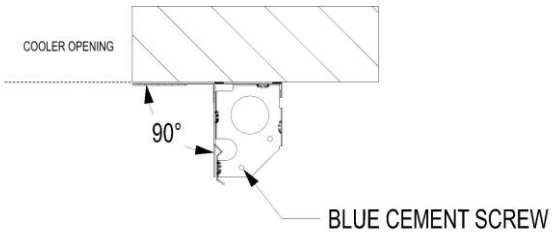
With someone holding each track in place, align the left track to the cooler opening and use a level to check for plumb before securing it with the stitch screws provided in the hardware kit at pre-punched locations along the track.





With the left track mounted to the wall, make sure the door is square and plumb across the head and the right track. Mount the right track and back plate with the provided stitch screws.

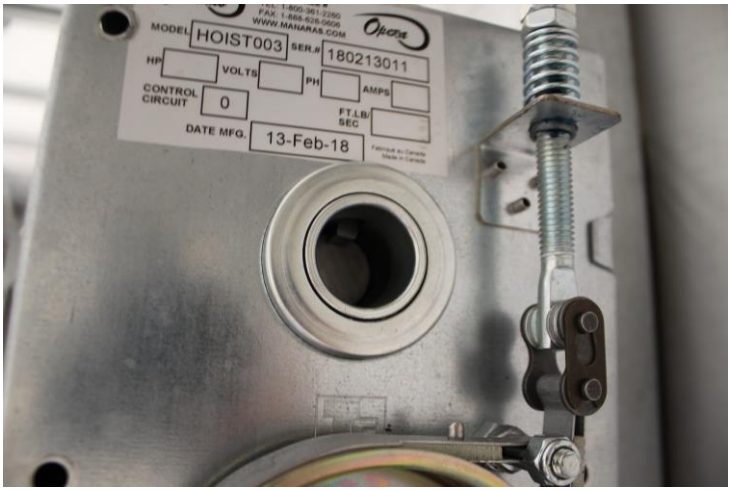
Install the fab-loc fasteners at all eight locations by drilling a 5/16” diameter hole 1 ½” deep into the wall. Insert the fastener into the hole. Use a 5/8” box wrench to hold the washer head and a 5/16” hex bit to tighten the fastener. Make sure to remove any debris from drilling holes out of the panel.



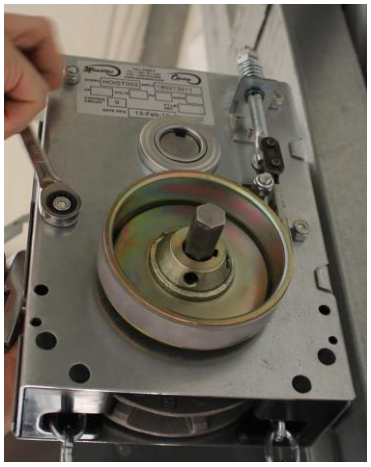
Use a square to ensure that each track is square to the cooler wall face at the bottom. Install a blue cement screw supplied in the hardware kit in the pre-punched hole of the bottom brace on each side.

Step 4: Chain Hoist Installation

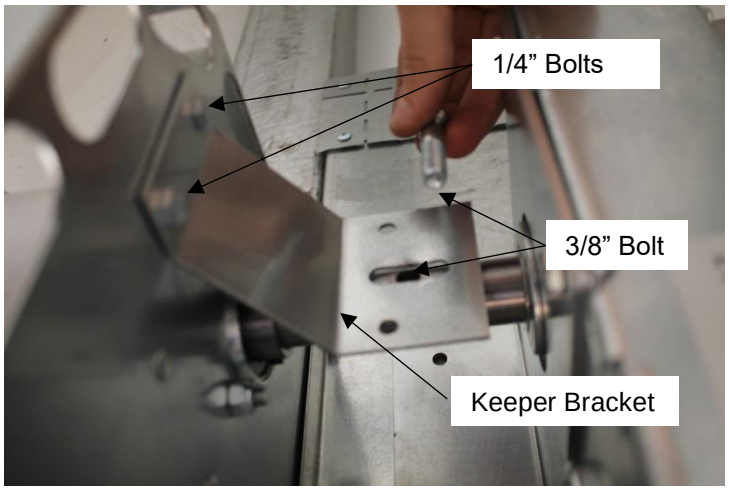
Locate the chain hoist box and open it. The chain hoist comes with the hand chain factory set for this door height, small hardware bag including a ¼”x ¼”x1” long key and assorted hardware and a chain keeper.



Take the chain hoist up to the shaft protruding from the right side of the door head unit. Rotate the chain so that the keyway in the upper hole matches the keyway position on the shaft. Insert the key from the hardware bag into the keyway of the chain hoist and slide the assembly onto the shaft until it hits the hoist mount on the track.



Position the hoist so that the four holes in hoist align with the four holes in the mount and insert the ¼”x3” bolts from the door hardware kit in these holes. They must be inserted from the mount side to keep from hitting the cover later. Use the four ¼” locknuts to tighten the hoist to the mount.



You can now remove the 3/8” bolt and keeper bracket from the drive shaft of the door. The keeper bracket has two ¼” bolts that will have to be removed from the side of the head.

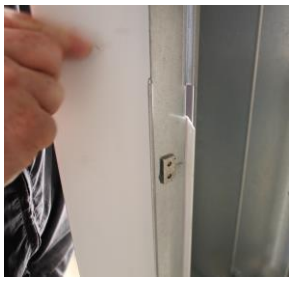
Install the chain keeper approximately 4’ off the floor and 6” away from the side of the door track.

Apply a moving door warning label included in the hardware kit 6” above the chain keeper and one at the same level on the inside of the cooler.

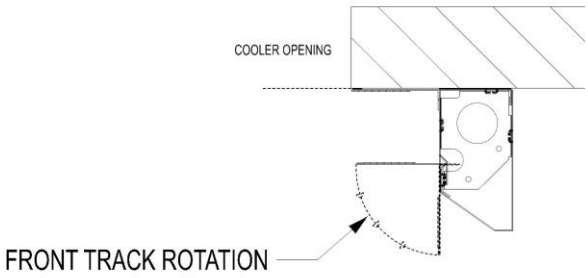
Step 5: Cladding and Front Track Installation

To install the left and right front tracks you will rotate the front track 90 degrees to the door opening and slip the top of the track into the small gap where the head and the track meet. Lift up slightly and push the track into the slots of the track frame.

Once they are inserted, slide the front track down so the notches seat in the slots.



Rotate the front track toward the door opening 90 degrees a few times to make sure the front track moves freely.



Take the head cover and align the tabs with the slots in the back plate and allow them to drop into place. This will allow the cover to pivot up. Use the “kick stand” mounted on the front bar to hold the cover open.

Take the right and left aluminum cladding pieces and attach them back to the door frame in the same manner they were removed. You will have to slide the top in first, lift up while pushing toward the door frame and slide the cladding down. Use the six phillips head screws that were removed before to re-attach the cladding.

Rotate the head cover down and secure it with the two latches on the bottom of the head. This will be a snug fit.

At this point the door is ready for operation. Run the panel up and down a few times to make sure no adjustments are needed.

Make sure the hand chain is secured and locked in the keeper when the door is not in use.

Egress Operation:

In order to egress the door from inside the cooler or from the back side of the door, the user needs to push outward on the panel. When a force is applied from the back side of the door, the egress tracks will break away and allow the panel to be pushed out enough to walk out as shown.

The Emergency Egress Label shown is placed on the back panel and is facing the user to instruct them on the use of this egress system in an emergency.

If the emergency egress has been used, the egress tracks will have to be reset to allow the door to seal. In order to reset the front egress tracks, ensure that the panel and the two tension pipes are pushed back into the track cavity. While holding the panel in position, flip each track back into the operational position so that the magnet can seal to the panel. Once the panel and tracks have been reset, the door is ready for operation.