

INSTALLATION INSTRUCTIONS



GENERAL

1. When you receive your walk-in, check the skid carefully to see if there is any freight damage. The packing slip will be on the skid. Make sure that everything on the packing slip has been delivered.



2. If there are any missing parts or freight damage, contact U.S. Cooler customer service immediately at 800-521-2665.

3. Locate the installation manual, video, and cam wrench (large “L” shaped allen wrench) in the installation packet.



4. Put on gloves before handling any panels.

TOOLS REQUIRED

1. Cam lock wrench (provided)

2. Gloves for handling panels (provided)
3. Caulk gun and NSF silicone caulk (caulk provided)
4. Power drill with phillips driver and 1/8” drill bit

SITE PREPARATION

1. The site must be dry, clean and level.
2. The unit must be placed on a level concrete foundation. Placing the unit directly on the ground may cause it to rust prematurely and will void the warranty.

CAM LOCK DESCRIPTION

1. The walk-in is assembled with a cam lock system that is built into every panel. The male end of the lock has a ‘hook’ and is in the ‘tongue’ side of the panel. The female part of the lock has a cam pin and is in the female ‘groove’ side of the panel.
2. When locking panels together, it may be necessary to pre-load the mechanism by turning the wrench in the unlock direction (counter-clockwise) until firm resistance is met – then proceed with locking.

FLOOR INSTALLATION

1. Locate panels that have numbers with the letter F. These are floor panels.
2. Lay the F8A floor panel in the location designated on the floor plan drawing.
3. Take the F8C floor panel and fit male side of F8A panel into female side of F8C panel. Align both ends until they are even.



4. Insert cam wrench into center hole on panel F8A. Turn wrench in clockwise direction until stop is felt. (See Cam description)



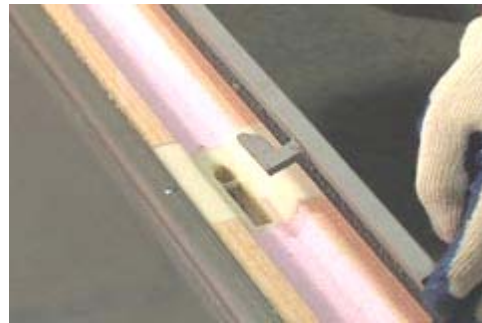
5. Check to see if F8A and F8C floor panels are firmly attached together. If not, repeat this step. If tight, lock remaining cams and go to the next panel until all floor panels are assembled



6. Determine the location of the door panel and the panel with “notches” (for mounting refrigeration unit). They should be opposite one another.

7. A door threshold bar must be installed in the floor panel where the door is going to be

located. For door location, see layout drawing.



8. Place the hooks of the threshold bar (with the hooks going in the same direction of the cams) into the slots on the cams. The hook on the bar should contact the pins in the cams.

9. Gently tap the bar in the direction of the cams and hooks until it quits moving (approx. 1/2”).

10. Refer to drawing titled, “ threshold bar” for more detail.

WALL INSTALLATION

1. Refer to the layout drawing for identification of the wall panel shapes.

2. Start with a corner wall panel (W1) and the adjacent wall panel that forms a corner of the unit.

3. Place male bottom of wall panel in female groove of floor panel. Make sure the floor arrow on the wall panel is pointing down.



4. Once these two panels are in place and are flush at the top with each other and flush at the bottom with the floor panels, take the cam wrench and insert into the center hold of the W1 panel.



5. Turn wrench in a clockwise direction until stop is felt. (See Cam Lock description) Check to see if panels are firmly locked together. If not, repeat this step.

6. Continue to install wall panels in both directions, referring to the layout drawing as your guide. Special care should be given to insure that the sides and edges of wall panels are flush.



7. Lock the door before installing the door panel. Set the panel in place. The perimeter of the door should be flush before locking it in place.

8. Set the header in position and lock to the door panel. (See cam description)

9. Once the header is flush with the adjacent wall panels, you may proceed to lock it to the wall panels.

10. The final wall panel to be installed must be a corner panel (W1).

11. Finish panel installation by locking all wall cams according to previous instructions. (See Cam description)

12. Adjustments can be made to insure that the wall panels are flush at the top by loosening the cams, adjusting and then tightening the cams.

13. Lock the walls to the floor before installing the refrigeration.

REFRIGERATION INSTALLATION

1. The unit weighs approximately 120 lbs.

2. 24" of clearance from existing wall is required for access to the electrical junction box and compressor controls.

3. It is recommended that three people install the refrigeration system. Two on the outside of the walk-in to lift the unit over the wall and one on the inside to guide the unit into the pre-cut notches.





4. The evaporator coil side goes on the inside of the box.

5. Included is a fitting and hose that must be connected to the drain pan. Simply screw the fitting onto the drain pan connector and run the hose to a drainage location. If it is going to be drained to the outside, a hole must be drilled through the wall.



6. Caulk around the saddle mount brackets inside and outside.

7. Refer to the drawing titled “Saddle Mount Refrigeration Unit” for more details.

CEILING INSTALLATION

1. Locate the panels that have numbers with C. These are the ceiling panels.

2. Make sure that the meat hooks are still securely taped to the ceiling panels. Do not remove the tape until the ceiling is completely installed. Use caution when un-taping the hooks.

3. Proceed with the C1 panel by placing it in location according to the drawing. Align it so it is even on all edges.



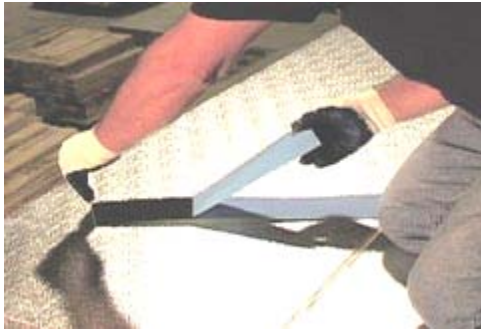
4. Lock all cams according to previous direction. (See Cam Lock description)

5. After locking C1 panel, lift C2 panel into location so male side of C1 fits into female side of C2. Line up both ends and lock all cams.



ROOF SEAM STRIP INSTALLATION

1. Make sure the seam is dry and clean.
2. Caulk the roof seam.
3. Remove backing from the roof seam strip.



4. Place the strip over the seam and press down.

5. Fasten the metal trim to the building at either end on the piece that bends over the wall sides with metal sheet screws (provided).



6. Refer to the drawing titled “Ceiling Seam Strip” for more detail.

FINAL STEPS

1. Complete a final inspection to make sure all panels are tightly locked together.
2. Install the light bulb fixture and light bulb. A certified electrician must hook it up to power. See drawing titled “Cooler Wiring Diagram” for more information.
3. Insert the cam hole plugs by gently tapping them into place.
4. Using a wire clip, fasten the thermometer probe to the wall in a spot away from direct air flow.

5. Screw the threshold down to the threshold bar with metal sheet screws (provided).

6. Using caution, untape the hooks and remove the protective caps.



7. Remove the plastic from the floor.

CAULKING INSTRUCTIONS

1. It is advisable, but not absolutely necessary, to caulk all joints inside the walk-in. This will provide for an even better sealed unit. Use NSF (National Sanitation Foundation) approved silicone type caulking available at home improvement stores.