



## WALK-IN COOLER MANUAL

## IMPORTANT PLANNING INFORMATION

### LOCAL REGULATIONS AND CODES

It is **YOUR** responsibility to consult with your local inspectors about your walk-in cooler plans to ensure you will be able to meet all the local codes and requirements for walk-in cooler installations in your area.

### WALK-IN COOLER WALLS CLEARANCE

A minimum of 2 inches clearance between existing building walls and walk-in walls is necessary for proper air circulation around the cooler walls (see page 6)

### AIR CONDITIONER CLEARANCE

A minimum of 2 feet clearance around the A/C unit is needed for proper ventilation (pg. 6).

### FLOOR

Having a SUCCESSFUL INSTALLATION begins with HAVING A SOLID LEVEL SURFACE to install your cooler.

### DELIVERY

You will need 2-3 able bodied people on site for unloading your cooler. It is at the driver's discretion to use the lift gate. You should be prepared if the shipment has to be uncrated and unloaded manually from the truck.

### **IMPORTANT!**

Always consult with your General Contractor before installation of your walk-in box in a recently poured concrete pad or tiled floor to ensure enough curing time has been allowed.

Concrete, grout, and other construction materials may outgas chemicals for weeks (or even months) that can cause staining/corrosion of walk-in cooler metal surfaces. Muriatic acid liquid and fumes, which is often used by concrete contractors, will also cause staining/corrosion. We recommend that our customers and their General Contractors fully understand the cure time of the concrete, tile grout, and any other materials in proximity to the walk-in and provide adequate ventilation to move these gases out and away from the walk-in cooler. Inadequate ventilation or ventilation for too short of a time may result in staining/corrosion of walk-in cooler metal. This staining/corrosion is not covered by warranty. If in doubt, contact your concrete supplier, tile contractor, general contractor, etc. for the number of days for the concrete, grout, and other construction materials to have fully outgassed and install your walk-in cooler after this date.

## SHIPPING AND WARRANTY INFORMATION

### SHIPPING

**Please read carefully this section. It contains important information regarding your shipment and instructions on receiving, inspecting, and filing claims if necessary.**

- Your CoolBot Cooler System will be delivered in ONE shipment which includes:
  1. A Cooler Enclosure (Walk-in box)
  2. An A/C unit
  3. One CoolBot Pro Temperature Controller
- You will be provided with shipment information (tracking) and estimated delivery times.
- In order to protect your investment, your Cooler has been “crated” at the factory in an effort to reduce possible damage during transportation. **Please be careful uncrating your cooler, use good judgement and do not use saws, electrical saws, or anything similar that can cause damage to the inside contents (the cooler).** A small to medium crowbar and a hammer should be used to *carefully* uncrate your cooler.

The walk-in cooler will be transported and delivered on a commercial LTL delivery truck. The **receiver will be responsible for providing appropriate access to the delivery vehicle and all necessary man power** to safely unload the pallets from the carrier.

The **receiver will be responsible for ensuring a solid surface for unloading the pallet** where it can be rolled out of the lift gate and be left on the ground.

### IMPORTANT!

INSPECT SHIPMENT IMMEDIATELY UPON ARRIVAL FOR LOSS OR DAMAGE. LOOK FOR DAMAGE ON THE CRATING, HOLES, CUTS, OR ANY OTHER VISIBLE DAMAGE BEFORE IT MOVES INSIDE YOUR LOCATION AND **BEFORE YOU SIGN THE RECEIPT.**

**IF THERE IS ANY DAMAGE TO THE COOLER, YOU ARE RESPONSIBLE FOR NOTING IT ON THE DELIVERY RECEIPT, TAKING PICTURES AND NOTIFYING US WITHIN 24HRS AFTER ACCEPTING THE DELIVERY.**

***PLEASE DO NOT REFUSE SHIPMENTS!***

***YOU ARE REQUIRED TO CONTACT US BEFORE REFUSING A SHIPMENT.***

## WARRANTY INFORMATION

**ALL COOLBOT WALK-IN COOLER SALES ARE FINAL INCLUDING ALL ITS COMPONENTS - ENCLOSURE, A/C UNIT, AND COOLBOT PRO DIGITAL CONTROLLER.**

### ENCLOSURE 10 YEAR LIMITED WARRANTY

Store It Cold, LLC., warrants to the original purchaser-user, that the prefabricated insulated boxes, panels or doors manufactured by the company are free from any defect in material or workmanship under the conditions of normal use and service, provided that it remains in the location where originally installed. The company's obligation under this warranty shall be limited to repairing or replacing at our option, FOB factory, any of the covered parts of said walk-in which proved defective within ten (10) years from the date of original installation.

Component parts, hardware and accessories are warranted for a period of one (1) year from date of shipment.

This warranty does not apply to equipment which has been subject to any accident, fire, negligence, alteration, damage in transit\*, abuse, misuse, or improper installation. This warranty does not include any labor charge for removal of defective parts or installation of replacement parts or transportation to or from our factory.

THIS WARRANTY IS EXPRESSLY IMPLIED IN LIEU OF ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND OF ALL OTHER LIABILITIES OR OBLIGATIONS WHATSOEVER, ON STORE IT COLD, LLC'S PART, UNDER NO CIRCUMSTANCES, WHATEVER, SHALL STORE IT COLD, LLC., BE LIABLE TO THE PURCHASER OR ANY OTHER PARTY FOR ANY SPECIAL OR CONSEQUENTIAL DAMAGES.

#### **THIS WARRANTY IS NON-TRANSFERABLE**

#### **OTHER EXCLUSIONS TO THIS WARRANTY:**

- Normal maintenance or repairs
- Damage or loss of product, property, income or profit
- Floor panels subjected to wet mopping, flood, water leak, pallet jacks or weight exceeding 600 lbs/sq ft
- Damage by flood, earthquake or other natural disasters

*\*Please see SHIPPING section on page 3 for details on transit damage.*

## A/C UNIT 1 YEAR LIMITED WARRANTY

Your A/C unit carries a 1 Year limited warranty. **Please contact SIC to facilitate a warranty claim of your A/C unit during this period.**

**IMPORTANT!** Please refer to the OWNERS'S MANUAL of the A/C unit to follow recommendations about proper installation, operation, and maintenance of your A/C unit.

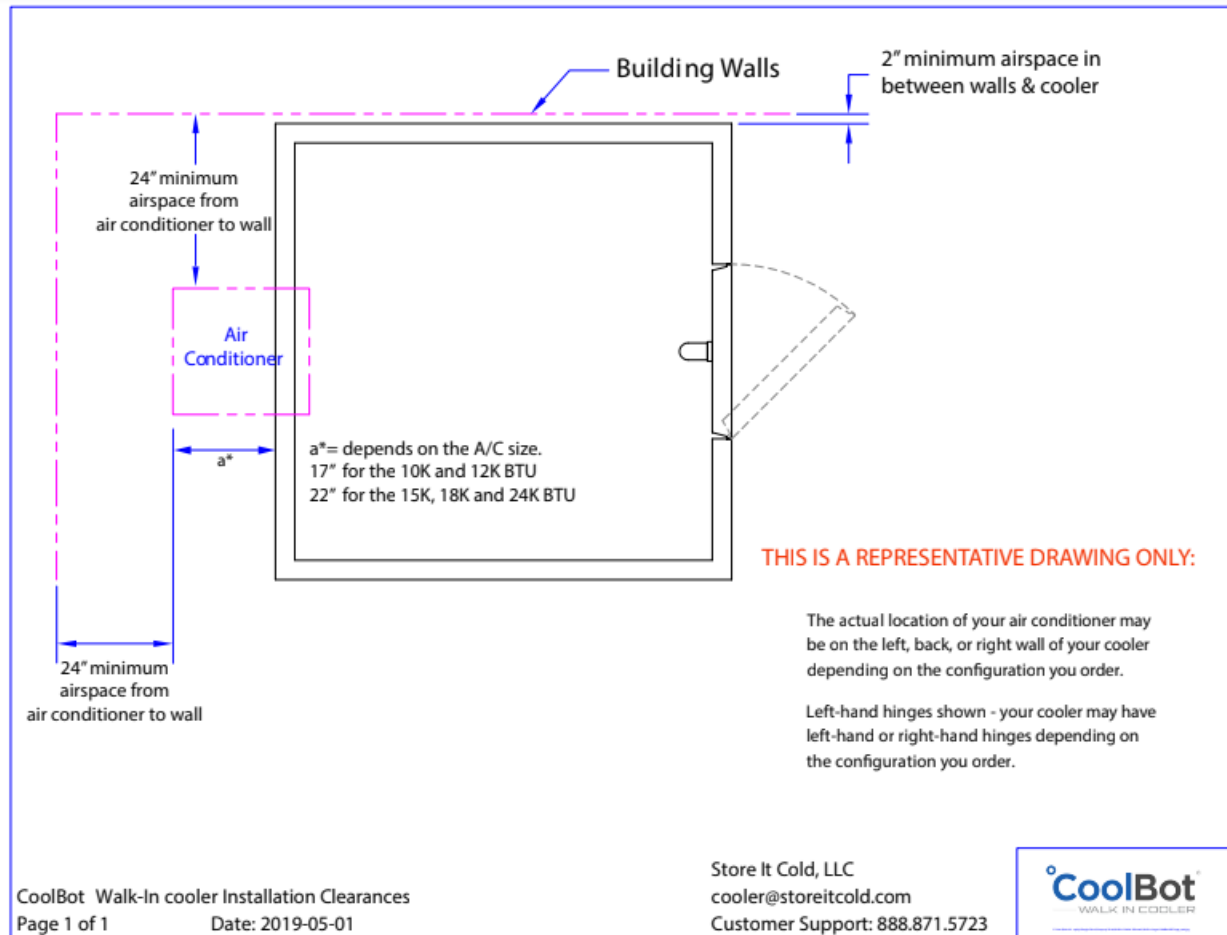
This warranty will NOT cover claims due to improper installation or improper electrical supply to the A/C unit.

## COOLBOT PRO DIGITAL CONTROLLER 1 YEAR LIMITED WARRANTY

**DISCLAIMER:** By using the CoolBot Pro temperature controller, you (the "User") acknowledge there are inherent hazards in getting an air-conditioner ("A/C") to do something it was not originally designed to do, and that these inherent hazards cannot be ameliorated, mitigated or obviated while still maintaining the essential functionality of the CoolBot. User accepts all responsibility in the use of and monitoring of the CoolBot Pro and A/C. User assumes all risk of loss of property or product due to improper functioning of the CoolBot Pro (or A/C). User assumes all risk of injury and warrants that he/she will defend, indemnify and hold the seller harmless for any direct or consequential harm or damage that may result from the use of this product.

**LIMITED WARRANTY:** CoolBots are warranted against defects for 1 year, not including damage due to misuse or accidents. To double the warranty on your CoolBot Pro visit us at:  
<https://www.storeitcold.com/testimonials-form/>

## MINIMUM RECOMMENDED CLEARANCES FOR WALK-IN COOLER INSTALLATION



## ENCLOSURE INSTALLATION INSTRUCTIONS

**YOUR WALK-IN COOLER PANELS, DOOR, SCREEDING, OR OUTDOOR PACKAGE PARTS MIGHT DIFFER IN DESIGN OR LOOKS FROM THE ONES SHOWN IN THIS MANUAL.**

### CAM-LOCK MECHANISM

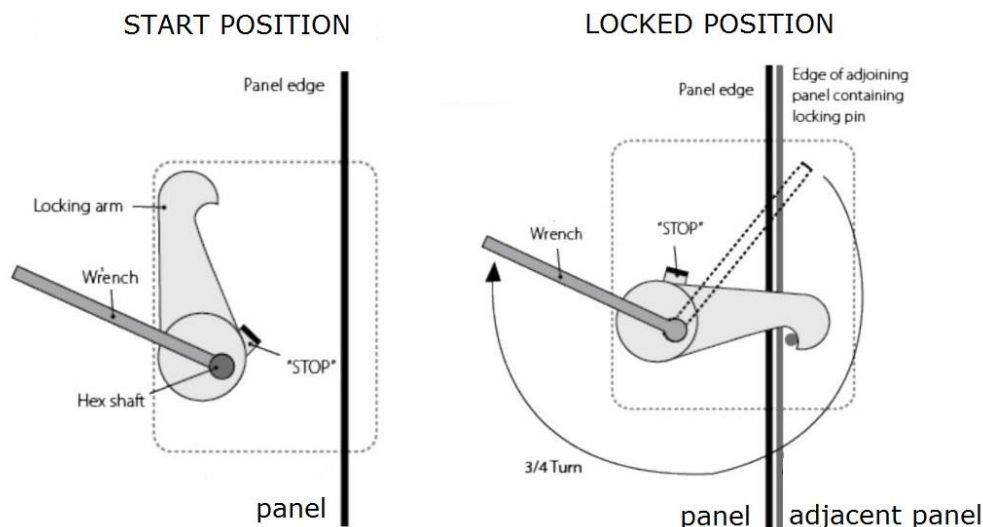
Before starting to put your enclosure together, familiarize yourself with the operation of the Cam-lock mechanism.

**Locks will be on the right side of the panel and they operate in a clockwise rotation to lock.** They are accessible through the small holes on the right side of the panel.

Insert the Hex Wrench provided with your Installation package, and after the panels have been carefully aligned, turn approximately  $\frac{3}{4}$  of a full turn until panels are securely locked together.

**DO NOT OVERTIGHTEN!** It will strip the Hex hole and damage the mechanism.

**DO NOT** drive the Hex Wrench with a hammer as this can damage the lock.



This locking mechanism is reversible. Simply rotate in the opposite direction to release the lock and make adjustments. Don't forget to lock your panel again after adjustments have been made.

Enclosed with the contents of your cooler there is a ***Set-up drawing***, showing the identification and proper placement of your walk-in cooler panels.



## WALK-IN INSTALLATION WITH A FLOOR OPTION

**YOUR WALK-IN COOLER PANELS, DOOR, SCREEDING OR OUTDOOR PACKAGE PARTS MIGHT DIFFER IN DESIGN OR LOOKS FROM THE ONES SHOWN IN THIS MANUAL.**

1. Set the floor panels according to the ***Set-up drawing*** included in your documentation. All panels have labels, and are identified in the Set-up drawing.



2. Make sure that **all floor panels are level**. If not, using shims under the floor panels around the seams and perimeter located under the position of the cam-locks is suggested to level the floor.





3. After all floor panels are level, firmly and securely lock all floor panels together with the Hex Wrench provided in your installation package. Turn it approximately  $\frac{3}{4}$  of a full turn and repeat until all floor panels are securely locked together.



4. DO NOT START YOUR WALL UNTIL YOU ARE CERTAIN THAT THE FLOOR IS COMPLETELY LEVEL (FRONT TO BACK AND LEFT TO RIGHT). Begin with two corner panels. Usually the left back corner is a good place to start. Make sure that the top of each wall adjacent panel is flush with each other. Use the wrench to secure the wall panels to the floor and then lock the wall panels together to start the wall. Check for alignment to make sure the panels are flush with the floor, corners and each other as you proceed.



5. Select the next adjacent wall panel, going in a clockwise direction around the perimeter and follow the same steps as above: Align, lock to the floor, lock to the adjacent wall panel and double check for alignment making sure at all times that panel is flush on all sides and on top with the adjacent panels and floor.

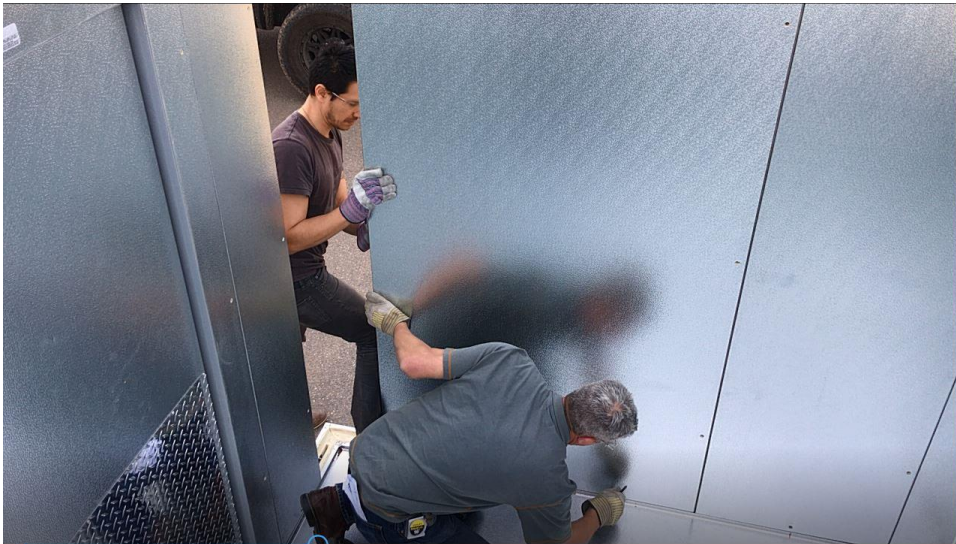


6. Repeat this procedure with each wall panel working your way around the perimeter of the cooler in a clockwise fashion.
7. When installing the Door panel, DO NOT REMOVE THE DOOR FROM DOOR FRAME. Follow the same recommendations as when installing the wall panels. **Door frame panel must be LEVEL and PLUMB. Ensure it is flush at the top with all adjacent panels.** DO NOT screw-in the door threshold yet (if you have a cooler with a floor).



### TIPS FOR PROPER DOOR INSTALLATION

- Level and plumb door frame and frame legs are level to each other.
  - Frame legs are to be in plane with each other. Check with 4' straight edge across door face at bottom of doorway.
  - Frame legs are parallel and not spread out. Opening width at bottom of doorway to match width at top of doorway.
  - Ensure the door panel cam-locks are locking correctly with the floor ones when engaged.
  - After **all** walls are installed, verify function of door, door locks and emergency release when door is locked.
  - Adjust door closer if needed.
8. Proceed to install the rest of the wall panels in the same way the other wall panels where installed, **leaving the front left or right corner for last.**





9. Close the wall enclosure by installing the last wall panel and give a last **check around your box** to make sure all surfaces are flush and the top edges of the walls are all level.



10. Select the first ceiling panel from your *Set-up* drawing and place it on the corresponding side of the cooler indicated in the drawing. Ensure that it sits properly on all the tongue and groove edges and that it is flush with the corners and walls on the outside.



11. Lock the ceiling panel to the wall panels using the Hex Wrench.



12. Proceed with the next adjacent ceiling panel marked in your drawing, making sure that it sits properly on all the tongue and groove edges and that it is flush with the corners and walls on the outside. **Lock the panel to the adjacent panel first and then lock the panel to the walls.**





13. Install the last ceiling panel to close the box.



14. IMPORTANT!!

Check your box around one last time. Seams in between panels should be tight and flush. **Check your door for correct operation.** Open your door less than 90° and let it close by itself. Make sure it closes freely and makes a good seal with the frame. Ensure the door does not hit or rub against any parts of the frame. **A door that is not closing properly is usually the result of unlevel set-up and/or improper installation.** Please **unlock the necessary panels and correct positioning and leveling until the door operates properly.**



15. Cover wrench holes with the plastic buttons provided in the installation kit. Use a plastic or regular hammer to gently tap them in place. **If the plastic button is falling because the hole was bored a bit bigger you can use a small amount of silicone on the back of the button, to keep the plastic cover in place**



16. Enclosure Set-up finished.



17. Last Steps on pages 16 (*coolers with floor*) & 17 (*coolers with no floor*).



## SECURING DOOR SILL PLATE (THERESHOLD) TO THE FLOOR

Coolers with NO floor will NOT have threshold

Across the bottom of each door opening is a stainless-steel threshold.

Secure the threshold by using **self-drilling metal** screws and by screwing them into the floor panel (illustration 1).

Some thresholds may overhang in a 90° angle to the front. Ensure you fasten that side as well to the front side of the floor panel (illustration 2).

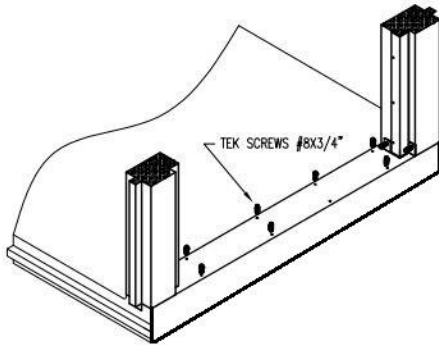


ILLUSTRATION 1

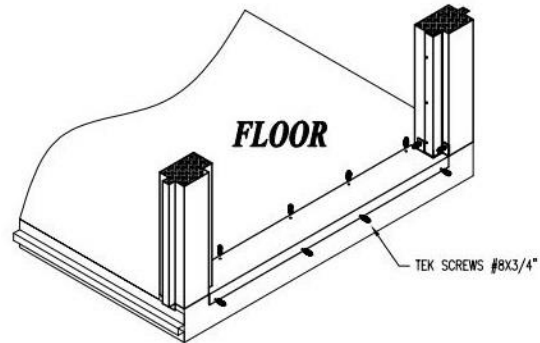


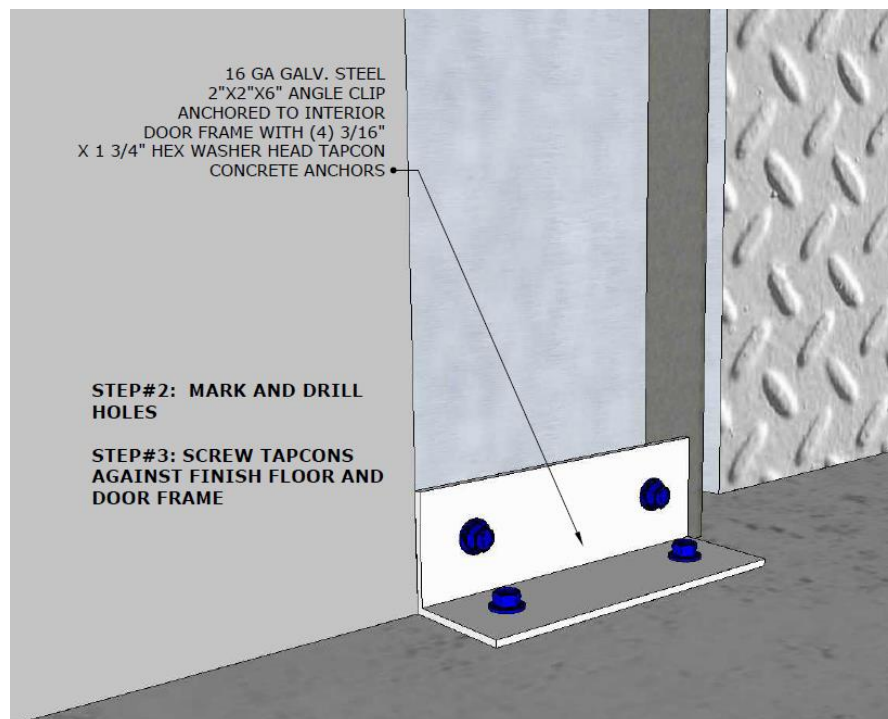
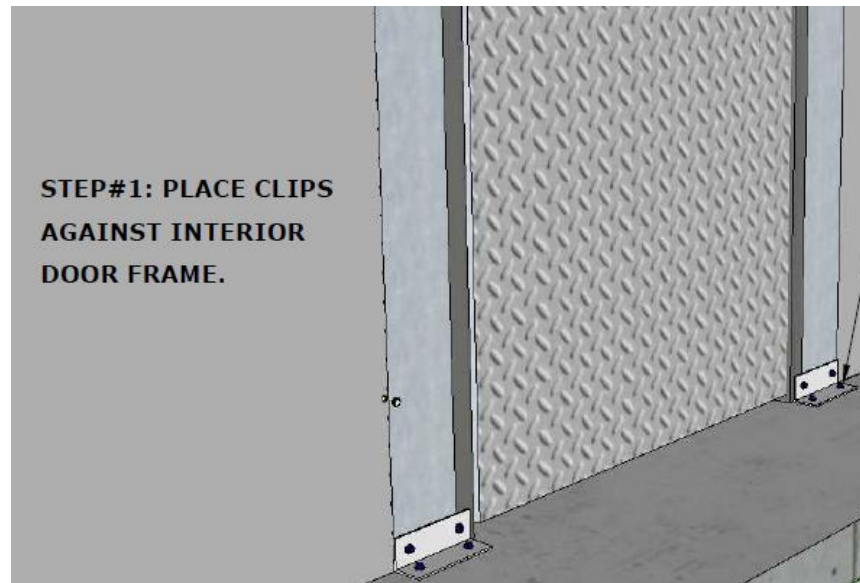
ILLUSTRATION 2

## SECURING THE DOOR PANEL TO THE FLOOR

**ONLY for Coolers with NO floor!**

Your cooler with no floor includes the following hardware to anchor your door frame to the floor:

- 2 Angle pieces – 16-gauge clips with 1/4" pre-drilled hole
- 8 Anchors – 3/16" x 1-3/4" Hex washer head Tapcon



## WALK-IN COOLER INSTALLATION WITHOUT FLOOR OPTION

**YOUR WALK-IN COOLER PANELS, DOOR, SCREEDING OR OUTDOOR PACKAGE PARTS MIGHT DIFFER IN DESIGN OR LOOKS FROM THE ONES SHOWN IN THIS MANUAL.**

### **IMPORTANT NOTE FOR COOLERS WITH NO FLOOR!**

Having a **SUCCESSFUL COOLER INSTALLATION** begins with **HAVING AN EXISTING LEVEL SURFACE TO ASSEMBLE YOUR COOLER.** If the floor is **slightly unlevel**, it will be necessary to install shims under the wall panels inside the vinyl screed until the wall panels are flush at the top.

**NOTE:** The vinyl screed has been pre-cut at the factory to match the layout of your cooler. If for any reason you have to cut a piece of screeding you can use a miter saw or a hand saw.

1. Use a chalk line to mark the installation area to the dimensions of the walk-in as shown in the drawing (Figure 1). Measure diagonally from corner to corner to be sure the floor vinyl screed is square.
2. Apply TWO straight beads of silicone along the bottom of the vinyl screed (about an inch away from the edges), then place the vinyl screed along the chalk lines.

**NOTE:** Leave the vinyl screed loose. DO NOT anchor to the floor with any type of screws.

3. Begin with two corner panels. Usually the left back corner is a good place to start. Stand the wall panels inside the screed making sure they sit correctly (fully cradled in the screeding). **Make sure that the top of each wall adjacent panel is flush with each other and level.** Use the wrench to secure the wall panels together to start the wall.



4. Check for alignment to make sure the panels are flush with each other as you proceed. If they are not, loose the cam-locks, shim underneath the screed as necessary, adjust, and lock again until they are level and flush at the top.

You can also install small shims as necessary under vinyl screed corners or across the panel as needed, **to ensure levelness of panels and walls across the top.**

5. Select the next adjacent wall panel, going in a clockwise direction around the perimeter and follow the same steps as above: Align, level, and lock to the adjacent wall panel. ALWAYS double check for alignment making sure panel is flush and level on all sides and on top with the adjacent panels.



DO NOT CONTINUE YOUR COOLER INSTALLATION UNLESS YOU ARE CERTAIN THAT THE PANELS ARE LOCKING COMPLETELY LEVEL.

6. When installing the Door panel, DO NOT REMOVE THE DOOR FROM DOOR FRAME. Follow the same recommendations as when installing the wall panels. **Door frame panel must be LEVEL and PLUMB.** Ensure it is flush at the top with all adjacent panels.

*See tips on next page*

### **TIPS FOR PROPER DOOR INSTALLATION ON COOLER WITH NO FLOOR**

*See drawing on next page*

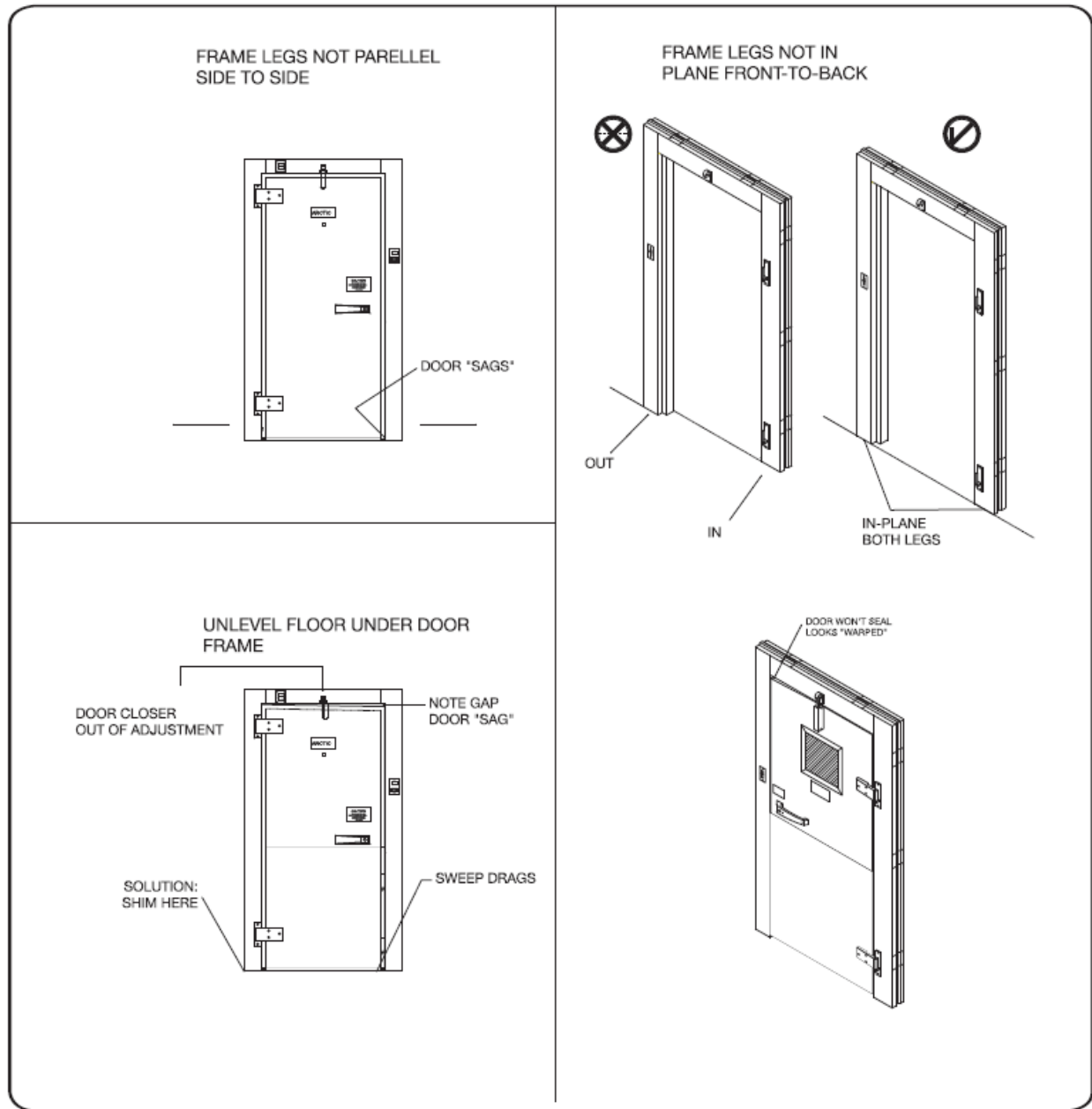
- Level and plumb door frame and frame legs are level to each other. Shim under door frame to achieve level and plumb.
- Frame legs are to be in plane with each other. Check with 4' straight edge across door face at bottom of doorway.
- Frame legs are to be parallel and not spread out. Opening width at bottom of doorway to match width at top of doorway.
- After **all** walls are installed, verify function of door, door locks and emergency release when door is locked.
- Adjust door closer if needed.
- Verify that door sweep lightly drags on floor when opening/closing door.

### **IMPORTANT!**

Door and frames have been checked for proper fit and operation at the factory. An unlevel floor may cause doors to not hang or close properly. This can occur initially at the time of installation or at a later date due to heavy traffic. It may be necessary to shim under the walk-in floor or door frames at one side or the other to adjust a misaligned frame.

Loosening and relocking frame cam locks may also permit some adjustment. Make sure legs are parallel to each other and to adjacent wall panels. The door may not seal properly if the frame is twisted or out of plumb. *See problems figure on next page.*

*Step 7 & 8 on next page.*



7. After installing the door, follow the rest of the steps as mentioned in **"INSTALLATION OF A WALK-IN WITH FLOOR OPTION"** from step 8 (inclusive) through 16.
8. PLEASE make sure to read the instructions on **SECURING THE DOOR PANEL TO THE FLOOR** on page 17.

## INSTALLATION OF OUTDOOR PACKAGE (OUTDOOR UNITS ONLY)

**YOUR WALK-IN COOLER PANELS, DOOR, SCREEDING OR OUTDOOR PACKAGE PARTS MIGHT DIFFER IN DESIGN OR LOOKS FROM THE ONES SHOWN IN THIS MANUAL.**

Outdoor units that will be exposed to rain and snow have been ship with an A/C hood, a roof membrane and a hardware kit as part of your outdoor package.

**Electrical Installations and other penetrations should be done AFTER your outdoor membrane has been installed.**

**Make absolutely no roof penetrations for electricity or other services. All penetrations must go through the side walls on outdoor coolers.**

**Install the A/C hood before your roof membrane.**

Included items of your outdoor package:

1. A/C hood
2. Roof Membrane – pre-cut about 1 ft larger on each side
3. Membrane Trim - Flat bars
4. Installation Hardware:
  - a. black long screws: For Truss-Plate anchors and for Trim
  - b. S/S or hex sheet metal screws: For A/C hood
5. Truss Plates (only to be used in coolers with a side equal or greater than 10 ft)

### **RAIN HOOD (OUTDOOR UNITS ONLY)**

Align the top edge of the hood about 2” **below the horizontal joint in between the ceiling panel and the wall panel**. Make sure it’s center in position with respect to the A/C opening. Screw in place with the self-drilling metal screws.





## ROOF MEMBRANE (OUTDOOR UNITS ONLY)

### IMPORTANT

Improper installation may result in water accumulation or water infiltration through the membrane.

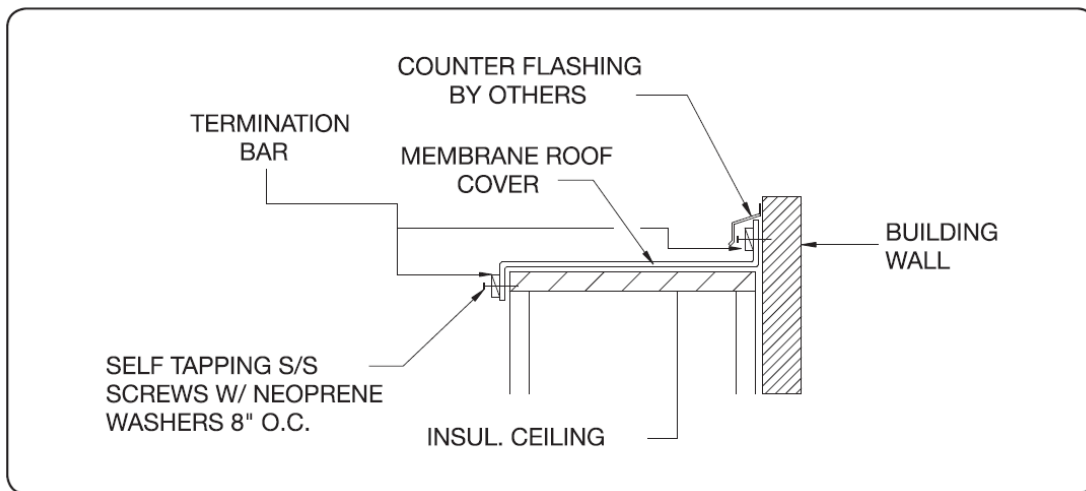
### MEMBRANE INSTALLATION ON SMALL COOLERS - ALL SIDES ARE LESS THAN 10FT

1. Extend your membrane on the roof of your walk-in with the soft **smooth semi-glossy textured side UP (overlapping seams DOWN)**. Ensure that it hangs approximately the same amount on all sides. You should have the membrane hanging at least a 6" on each side of the cooler. Don't worry if it is too long, it can be trimmed after it's installed in place.
2. Starting at the front of the cooler, pull down on the membrane and secure to the wall by installing the trimming provided. Screw the trimming to the front side using the screws provided in your installation kit.  
**IMPORTANT!** Make sure the trim is level and below the seam in between the wall panel and the ceiling panel. It's important that this seam stays under the membrane.
3. Repeat the same process for the back side of the cooler, making sure your membrane is pulled taut towards the back.
4. After the front and back part of the membrane have been secured, proceed to one of the sides of the cooler. Tuck the excess fabric at the front corner underneath the membrane to create a nice fold. Pull down tight and start securing the membrane to the wall panels following the same recommendations as before. Install the trimming at the same level as you did on the front and back to remain constant around the perimeter of the cooler. Work your way from front to back as you pull down tight and secure (See pic on next page).



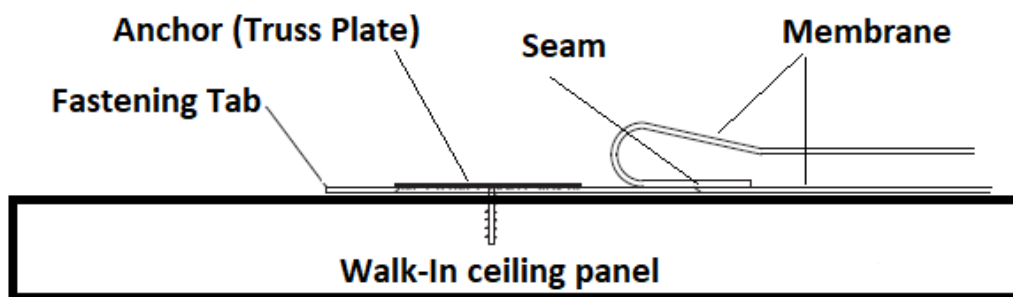
5. After the membrane has been correctly installed and secured to the sides of your cooler, you can trim with a utility knife the excess fabric below the trim if desired. This will give a cleaner and more professional look but it is not necessary.
6. Caulk with silicone the top edge of the trimming bars for added protection.
7. Your cooler is now set up for outdoor use.

#### MEMBRANE INSTALLATION IF YOUR COOLER IS 2" FROM A WALL



**MEMBRANE INSTALLATION ON LARGE COOLERS - ONE SIDE MEASURING 10FT OR MORE**

1. Extend your membrane on the roof of your walk-in with the soft **smooth semi-glossy textured side UP (overlapping seams DOWN)**. Ensure that it hangs approximately the same amount on all sides. You should have the membrane hanging at least a 6" on each side of the cooler. Don't worry if it is too long, it can be trimmed after it's installed in place.
2. Find the tabs (seams) on your membrane and ensure they are running parallel to one side and at least 6" away from the closest edge of the cooler and that they are running perpendicular to the other side. *Note: Your membrane may only have one seam.*
3. Once the membrane is centered on the roof, and seams have been located and checked for distance from the edge (previous step), either fold or roll the membrane back towards the center of the roof so the underside fastening tabs (under the seam) are exposed. The roll or fold must be parallel to the membrane seams (tabs).
4. When you reach the first tab (closest and parallel to one side of the cooler) stop rolling or folding.
5. The **fastening tab** should be flat on the walk-in cooler ceiling panel. Begin your membrane installation by anchoring the TRUSS PLATE along the fastening tab. **Start 6" away from the side of the cooler and space your anchors 12" O.C.** Make sure that your last anchor is also no closer than 6" from the other edge. Use the black long screws provided. *Note: You are screwing into the Fastening Tab and into the ceiling of the cooler but once you roll the rest of the membrane it SHOULD cover the Tab (flap) and the anchors as well, leaving no exposed screws or penetrations.*



6. Continue to roll the membrane until the next Tab (seam) is exposed (if applicable). Making sure that the membrane is taut and straight, install your second row of anchors (TRUSS PLATE) along that Fastening Tab in a similar fashion as the first one. *Remember, once the membrane is rolled completely, the Tab will be covered and no anchors or screws will be visible from the top.*

7. Continue the same way installing horizontal rows of anchors in to every Fastening Tab making sure your membrane is pulled tight each time.
8. Starting at the front of the cooler, pull down on the membrane and secure to the wall by installing the trimming provided. Screw the trimming to the front side using the screws provided in your installation kit.  
**IMPORTANT!** Make sure the trim is level and below the seam in between the wall panel and the ceiling panel. It's important that this seam stays under the membrane.
9. Repeat the same process for the back side of the cooler.
10. After the front and back part of the membrane have been secured, proceed to one of the sides of the cooler. Tuck the excess fabric at the front corner underneath the membrane to create a nice fold. Pull down tight and start securing the membrane to the wall panels following the same recommendations as before. Install the trimming at the same level as you did on the front and back to remain constant around the perimeter of the cooler. Work your way from front to back as you pull down tight and secure.



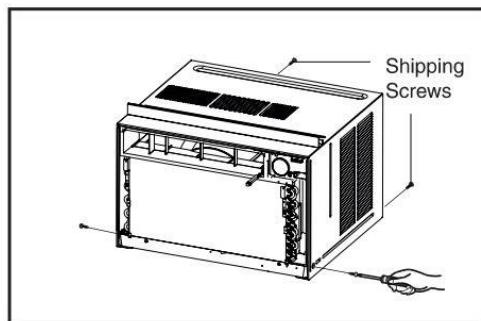
11. After the membrane has been correctly installed and secured to the sides of your cooler, you can trim with a utility knife the excess fabric below the trim if desired. This will give a cleaner and more professional look but it is not necessary.
12. Caulk with silicone the top edge of the trimming bars for added protection.
13. Your cooler is now set up for outdoor use.

## A/C INSTALLATION INTRUCTIONS

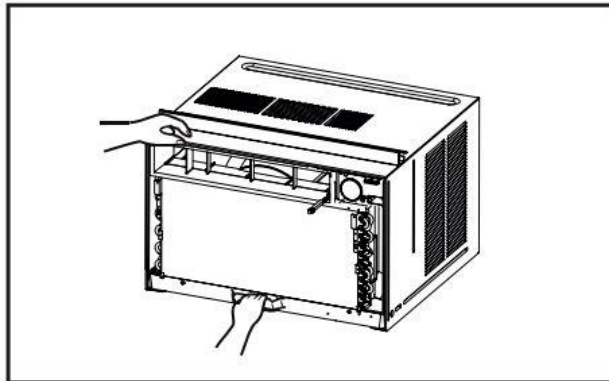
This is a quick, simple guide to install your LG unit in your Cooler enclosure.

Please read the OWNER'S MANUAL supplied with your A/C unit to familiarize yourself with the PROPER operation, maintenance and usage of your LG A/C unit.

1. Carefully unpack your A/C unit out of the box. Make sure the unit remains in the correct position. DO NOT stand the box or the A/C unit on the side, back or front. DO NOT discard any of the contents inside the box.
2. Once your unit is out of the box, remove the 4 screws which fasten the cabinet at both sides and back.



3. Slide the unit from the cabinet by gripping the base pan handle and pulling forward while bracing the cabinet.



4. Carefully insert the A/C cabinet on the pre-cut hole from the inside of the cooler and slide towards the outside until the top bracket of the cabinet touches the wall panel.
5. **Ensure that the cabinet has a slight tilt downward towards the outside. Position the cabinet so that the back is about ½" to 1" lower than the front.** Use the holes at the bottom of your A/C cabinet to screw in place to the edge of the precut hole on the wall panel. *Your cooler will not have a wood board as shown on the picture - it's not needed.*





6. Slide the unit inside the cabinet.



7. Do not install the front cover of the A/C at this point.  
8. Use the foam strips provided with your A/C unit to fill the gaps on the wall in between the A/C opening and the cabinet.

**A better alternative to the foam strips included with the A/C, is to use refrigeration pipe insulation available at hardware stores (looks like a pool noodle but black) and cut it in strips. Insert the strips into the gaps to seal the space.**

**DO NOT USE SPRAY FOAM TO SEAL IN BETWEEN THE A/C ENCLOSURE  
AND THE WALL**

**DO NOT USE THE FILTER SCREEN OF THE A/C. PLEASE REMOVE FILTER WHEN  
INSTALLING THE FRONT PANEL OF THE A/C UNIT**

## ELECTRICAL INSTALLATION



### **IMPORTANT!!**

Electrical installation for your cooler **SHOULD** be performed by a qualified electrician to ensure correct power supply, wiring, and compliance with local codes.

### **IMPORTANT!**

The enclosure does not have any predrilled holes or electrical outlets from the factory. Drilling holes on the panels to run conduit to bring power inside the cooler is OK and will not void the warranty of your panels - as long as the installation is done by a qualified electrician.

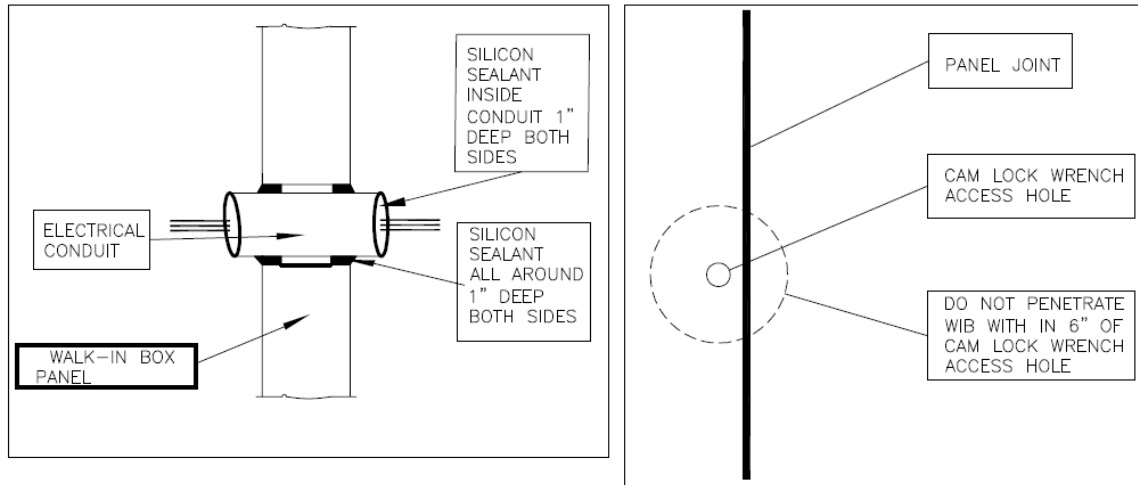
All OUTLET BOXES and JUNCTION BOXES should be surface mount whether they are inside or outside the cooler.

Electrical Installations should be done **ONLY AFTER** your outdoor membrane has been installed (if you purchased an outdoor cooler).



### ATTENTION ELECTRICIAN!

To prevent condensation from forming inside, all penetrations with electrical conduit must be sealed internally where it enters cold space and externally (see figure below). Wall or ceiling penetrations must not interfere with panel seams or locking devices (See figure below).



### Required Connections

Cooler	Door/Light Fixture	CoolBot	A/C
6 x 6	120V	120V	120V
8 x 8	120V	120V	120V
8 x 12	120V	120V	230V
10 x 14	120V	120V	230V

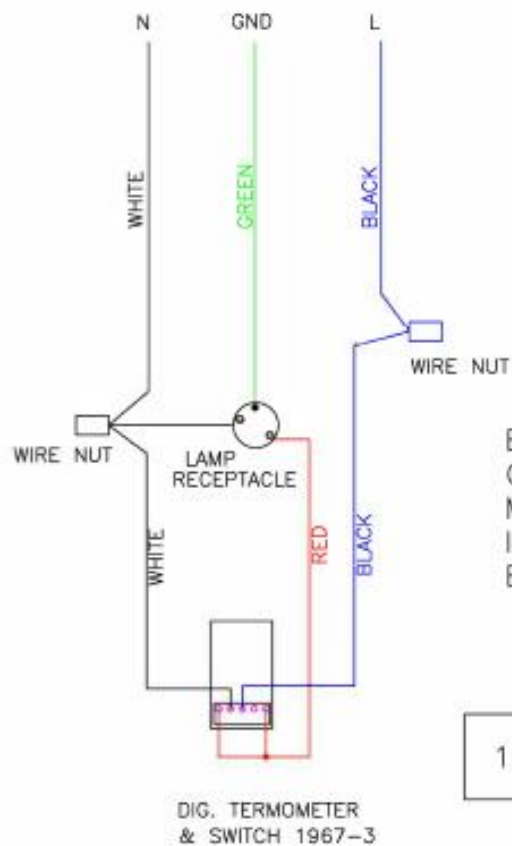
**NOTE:** On coolers where the A/C is 120V, the CoolBot and the A/C can share the same outlet.

### Electrical wiring for Door Panel

### ATTENTION ELECTRICIAN!

The only connection you have to do at the door is at the light fixture. Bring 120V supply through the ceiling via conduit into the light fixture and connect inside the box to the white, black, and ground cables.

*See pictures and wiring schematic on next page*



ELECTRICAL CONTRACTOR  
CONDUIT PENETRATIONS  
MUST BE SEALED  
INTERNALLY AND  
EXTERNALLY

120V 1PHASE 60HZ

## LIGHT SWITCH, THERMOMETER AND LIGHT FIXTURE

Your Cooler Switch, thermometer and light fixture have been **PRE-WIRED at the factory**. The **ONLY** connection needed on the front of the cooler is a 120V supply line (Hot+Neutral+Ground) at the light fixture. The light fixture serves as a junction box.

**Once appropriate 120V power has been provided to the Light fixture (junction box) your light switch and thermometer should work. No extra wiring is needed!**

Your cooler has a Kason 1967-3 light switch with a built-in thermometer.



### OPERATION:

- Touch yellow button to turn light on or off
- Depending on temperature of room will read:
  - **FrE** or F1 / F2 [-40°F to 30°F] or [-40°C to -1°C]
  - **CoL** or C1 / C2 [32°F to 50°F] or [0°C to 10°C]
  - **Hot** or H1/ H2 [ 75 -104°F] or [24°C to 40°C]
- Temperature Units: Default °F, install small black jumper on the back of controller for °C
- Errors / Warnings:
  - **"B"**: Low battery (battery not included) – *battery not necessary for operation*
  - **"Hot / H1 / H2"** room temperature is above 75°F
  - **"OFF"** temperature probe is not connected (install, re-check connection, or replace temp probe on the back of the controller)

# COOLBOT PRO INSTALLATION

For CoolBot Pro controller installation instructions please follow your **Quick Start Guide** included in the CoolBot Pro box. For a digital copy of the Quick Start Guide or for detailed and complete Manual of your CoolBot Pro and App features please visit us at:

<https://www.storeitcold.com/support-library/>

## OPERATION TIPS AND MAINTENACE INSTRUCTIONS

### 1. OPERATION

- Product inside your walk-in cooler should not be overloaded or tightly stacked as to inhibit proper air flow and air distribution throughout the box.
- DO NOT STACK PRODUCT INFRONT OF THE A/C.
- The top of the box is not designed for storage. Items stored on top may cause condensation, damage panels and void the warranty.
- **FLORISTS.** Pointing the vents of the A/C upwards, towards the ceiling, will allow the cold air to gently fall from the top and will prevent the air draft from blowing directly into the flowers.
- **FLORISTS.** If you are looking to increase humidity in your cooler you can try using the *Energy Saver* mode on the A/C unit instead of Cool Mode OR you can try using the A/C on the Cool Mode but with the Fan speed set on *Medium*. Adding buckets of water will also increase the humidity on your room. If needed, install a hygrometer to keep track of the RH level in your room.

### 2. ROUTINE CLEANING OF ENCLOSURE

- Wipe panels with a damp cloth using mild soap. DO NOT use harsh chemicals or abrasive pads or cleaners. Stainless should be cleaned with stainless steel cleaner; wipe in the direction of the grain. Dry all finishes thoroughly.
- Clean door gaskets using mild soap; wipe dry after cleaning
- Do not wash down or spray the inside of the walk-in with water

### 3. ROUTINE CLEANING OF THE A/C UNIT

- Like any other refrigeration system or HVAC system, regular cleaning of your A/C is necessary and highly recommended. Cleaning your Air Conditioner should be a vital part of your cooler maintenance plan – it will save you lots of headaches!
- A dirty coil on the inside of the cooler can create many unintended issues – freezing, high temperatures, high humidity, etc. Ensure that you have a scheduled maintenance plan in place for cleaning the inside coil of your A/C. Recommended to be done at least once a month.
- Dirty outside coils, motors, and other outside components of your A/C can lead to premature failure, overheated compressor, loss of efficiency, poor cooling performance, poor ventilation and all sorts of unintended problems. Ensure that you have a scheduled maintenance plan in place for cleaning the outside coil and outside components of your A/C. Recommended to be done at least once a year\*
- There are many videos available on “YouTube” explaining how to do a deep cleaning of a window A/C (typically by removing it from the wall and placing it on a working bench). Caution should always be used when cleaning A/Cs as to not splash any water in its electronic components or use the wrong type of cleaners. Use common sense! If using a professional Coil Cleaner -available at most hardware stores- please follow the manufacturer’s recommendations. [Watch Video on Cleaning the Inside Fins of Your A/C](#)

### 4. PERIODIC INSPECTIONS

- Inspect the door gasket for wear and make sure it seals tight against the Stainless-Steel trim of the frame. Replace gaskets if worn or torn.
- Inspect the hydraulic door closer to ensure that it engages when the door is within an inch or two and pulls the door tight.
- Inspect the door hinges and lubricate hinge pins with petroleum jelly as needed.
- Inspect the door sweep gasket at the bottom of the door for proper seal. Replace if sweep is worn or torn.
- Check the Thermometer reading with another thermometer in the same location or by placing the probe in to a cup of water with ice; it should read 32°F (0°C).
- Check for missing plugs and buttons and replace as necessary.