

GUARDIAN MERCHANDISER® QUICK-START INSTALLATION GUIDE

IMPORTANT!

Case Installation Instructions:

These instructions are not a complete manual. Access the Installation & Operation Manual for additional detail at <https://www.zero-zone.com/cglc-cgmc> or by scanning the QR code.

Note:

1. Level, shim, and caulk cases according to the Installation & Operation Manual. Cases must be level, square, and straight with shims placed under ALL bases. Apply Butyl caulk to only one of two cases to be joined. **Reference the Guardian Case Caulking Instructions (66-0035-07) for more information.**
2. Slide cases together. Only push on the sheet metal of the bottom foamed panel or the end frame. Be careful not to damage the bases or mullions.

Note: The 1-door display case requires an insulated divider to be used if it is being installed onto a lineup. See the 1-Door Guardian Installation and Operation Manual for more information on insulated dividers.

3. To access joining holes, remove shelves, bottom wire rack, and rear duct cover from the right end of the left case, as shown in the figure. Also remove the bottom wire rack from the left end of the right case.
4. Align cases front and rear, and make sure cases are within 1/4" from one another.
5. Install and hand tighten the joining bolts and nuts. Confirm cases are aligned, push cases together firmly, and then tighten the joining bolts. Use bolts and nuts on both the top and the bottom. Use only one bolt on the middle joining slot, which goes into a weldnut in the adjacent end frame. **Do not attempt to pull cases together using the joining bolts.**
6. Check that case is level using a level that is 4' or longer. Set the level against the vertical side of the end frame to check.
7. Check whether the case is square. Measure diagonally from the top right corner of the case to the bottom left corner, then measure between the opposite corners. The measurements should be within 1/8" of each other. Add shims as needed.
8. Apply NSF-approved caulk to the interior seams between the cases and between cases and end panels to comply with NSF certification requirements.
9. After case is completely wired, install the end and front roll guards using included magnets.

Note: The 1-door display case only has a front roll guard.

10. If installing a multi-door display case, access the electrical enclosure (located on top of the case) for electrical components and LED power supplies. If installing a 1-door display case, install the electrical box and bracket shipped alongside the PRU to the ceiling of the display case before the PRU is installed.

***Note:** The bottom wire rack must be installed before any other shelving on single-door cases.

FIGURE 1: Multi-Door Guardian Merchandiser

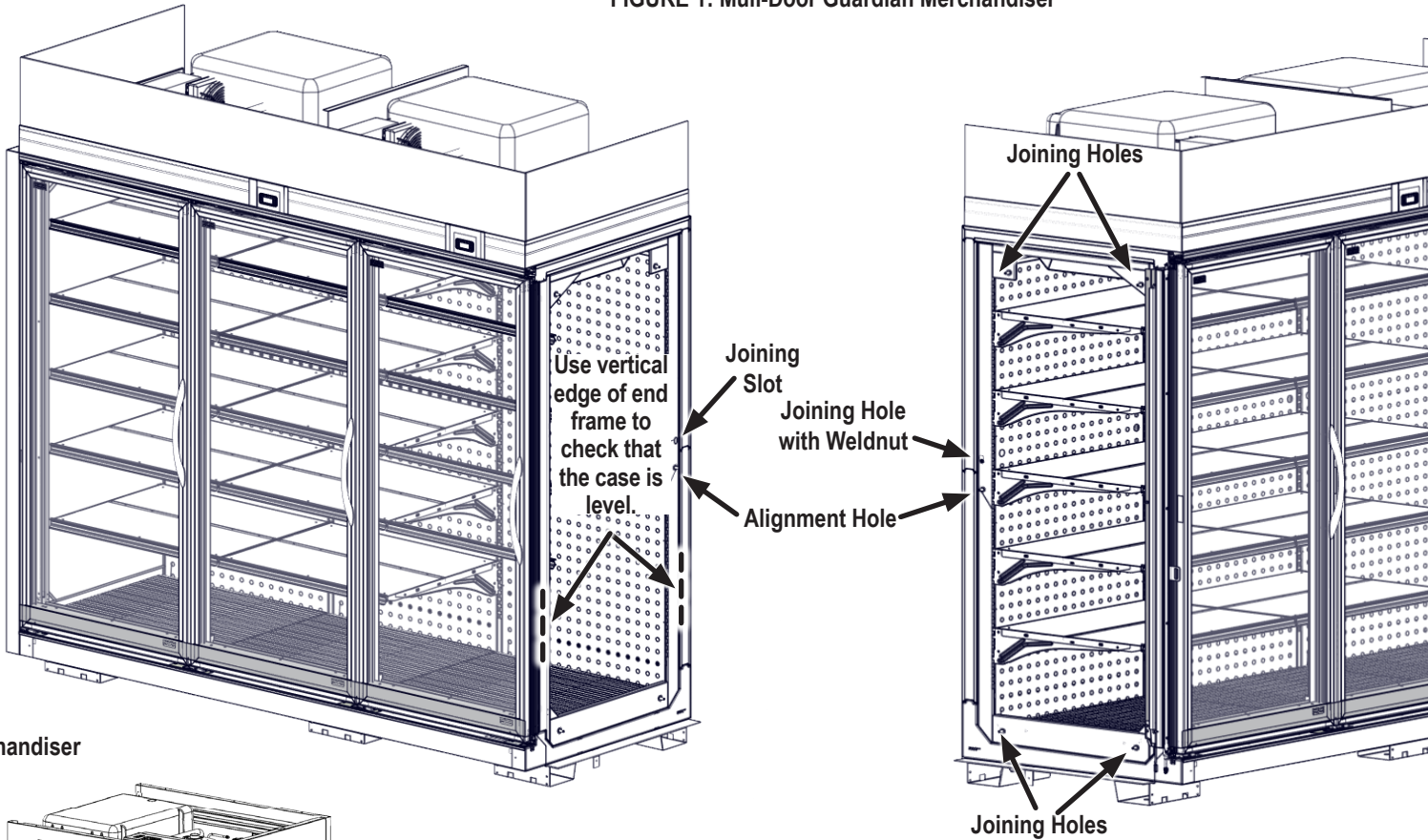
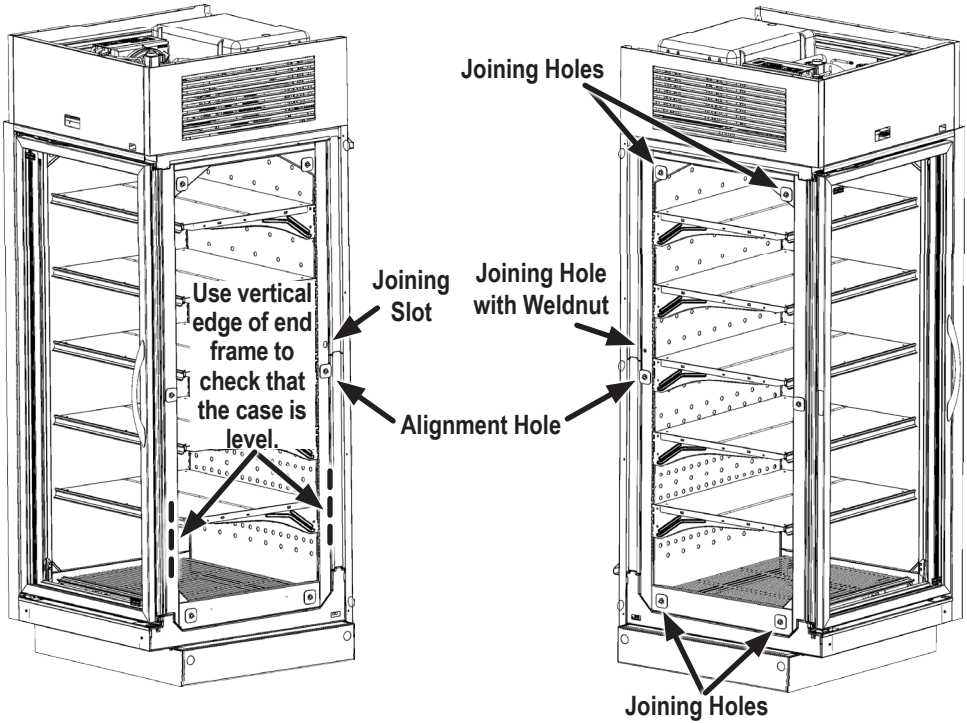


FIGURE 2: 1-Door Guardian Merchandiser



Documentation



Manuals, spec sheets, and instructions are available by scanning the QR Code here or on the interior case ceiling near the serial tag. Scan the QR Code with the camera on your mobile device or with a QR Code reader app. Or, use this URL to access the documentation: <https://www.zero-zone.com/cglc-cgmc>.

See Reverse Side for PRU Installation Instructions



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Packaged Refrigeration Unit (PRU) Installation Instructions:

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WARNING!

A MINIMUM OF TWO PEOPLE ARE REQUIRED FOR PRU INSTALLATION OR REMOVAL.
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CAUTION!

DO NOT STAND ON TOP OF A GUARDIAN® MERCHANDISER. THE TOP OF THE CASE IS NOT DESIGNED TO SUPPORT THE WEIGHT OF A PERSON. DO NOT STEP ON THE CARDBOARD COVERING THE CEILING OF THE UNIT.
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CAUTION!

DO NOT REMOVE THE EVAPORATOR COVER BOLTS. THE EVAPORATOR COVER CREATES A SEAL THAT MAY LEAK IF REINSTALLED IMPROPERLY.

Note: The following procedure will name specific tasks for technician one and technician two. Technician one will be positioned on the left side of the PRU when facing the front of the PRU. Technician two will be positioned to the right side of the PRU when facing the front of the PRU.

Note: Ensure the PRU being placed matches the cooler or freezer.

Note: Ensure that the electric box is installed on the ceiling and within the Guardian Unit before PRU Installation.

- Remove the packaging from the openings on top of the display case.
 - If installing a 1-door display case**, install the gasket on the recessed track on the ceiling prior to installing the PRU. Ensure the electrical box and bracket (shipped alongside PRU) has been installed.
 - Place the PRU in front of the display case. The insulated enclosure shall be oriented toward the rear of the display case.
 - Technican one and technician two will lift their respective side of the PRU. Place the rear of the PRU on top of the display case (**See Figure 3**) then slide the PRU towards the rear of the display case until a maximum of 6 inches of the PRU overhangs the front of the display case (**See Figure 4**).
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CAUTION!

DO NOT PUSH THE PRU COMPLETELY ONTO THE DISPLAY CASE. PUSHING THE PRU COMPLETELY ON TOP OF THE DISPLAY CASE CAN RISK IN THE PRU FALLING BEHIND THE DISPLAY CASE AND WILL MAKE ALIGNMENT MORE DIFFICULT.
- Technician two will position a step ladder in front of the case. Technician two will guide the PRU into position from on top of the step ladder.
 - Technican two will orient the PRU to align the mounting holes as technician one pushes the PRU toward the rear of the display case.
 - If installing a multi-door display case**, attach the PRU to the display case using the 7 mounting bolts provided. Torque the bolts using a cross pattern (**See Figure 5**). **If installing a 1-door display case**, use the 6 provided mounting screws to attach the PRU to the case ceiling (**See Figure 6**).
 - Connect the PRU power sources, then apply power to the display case.

FIGURE 3: Lifting the PRU



FIGURE 4: Aligning the PRU



FIGURE 5: Multi-Door PRU Torque Order

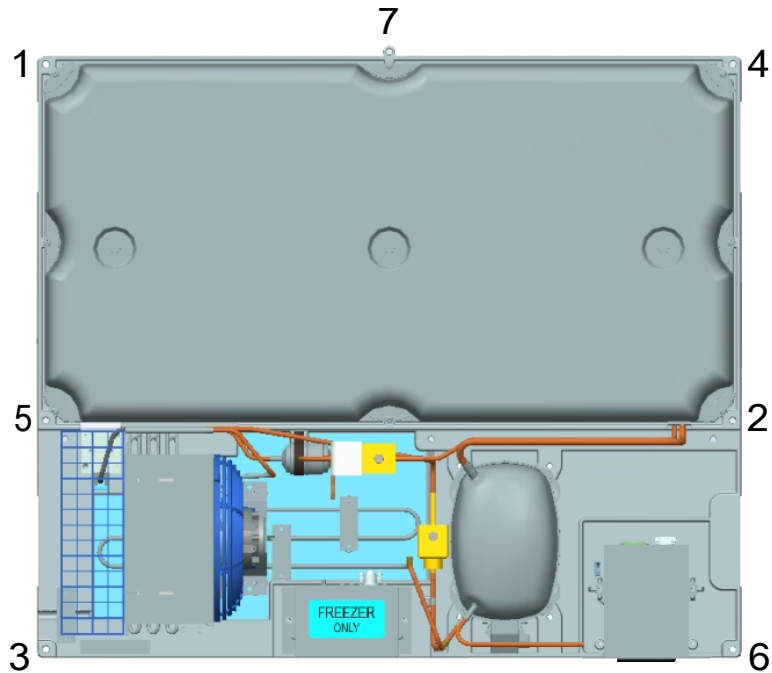
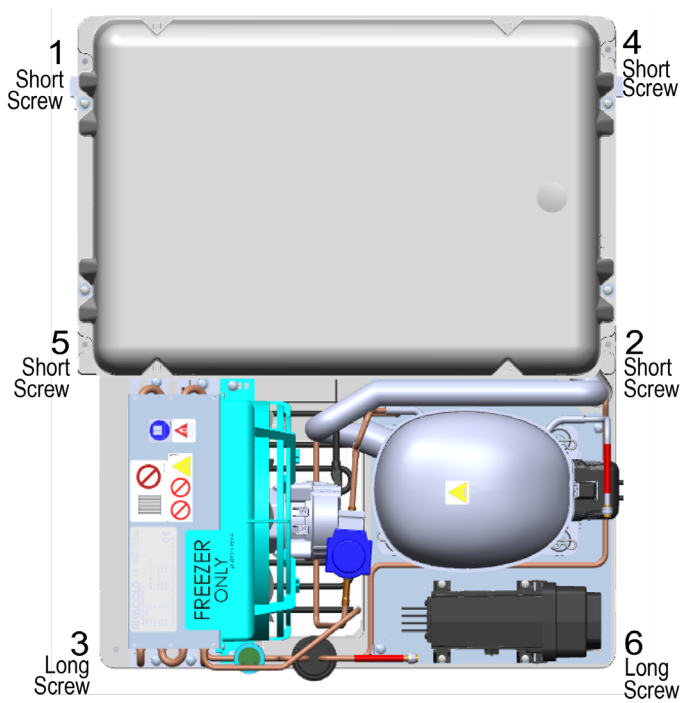


FIGURE 6: 1-Door PRU Mounting Screw Order



See Reverse Side for Case Installation Instructions

Documentation



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