

ATTENTION INSTALLING PERSONNEL

As a professional installer, you have an obligation to know the product better than the customer. This includes all safety precautions and related items.

Prior to actual installation, thoroughly familiarize yourself with this Instruction Manual. Pay special attention to all safety warnings. Often during installation or repair, it is possible to place yourself in a position which is more hazardous than when the unit is in operation.

Remember, it is **your** responsibility to install the product safely and to know it well enough to be able to instruct a customer in its safe use.

Safety is a matter of common sense...a matter of thinking before acting. Most dealers have a list of specific good safety practices...follow them.

The precautions listed in this Installation Manual are intended as supplemental to existing practices. However, if there is a direct conflict between existing practices and the content of this manual, the precautions listed here take precedence.

This product is designed and manufactured to permit installation in accordance with national codes. It is the installer's responsibility to install this unit in accordance with national codes and/or prevailing local codes and regulations.



WARNING

HIGH VOLTAGE!

TO AVOID THE RISK OF ELECTRICAL SHOCK, WIRING TO THE UNIT MUST BE POLARIZED AND GROUNDED.



WARNING

HIGH VOLTAGE!

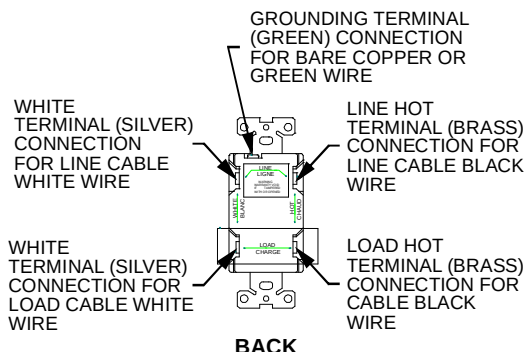
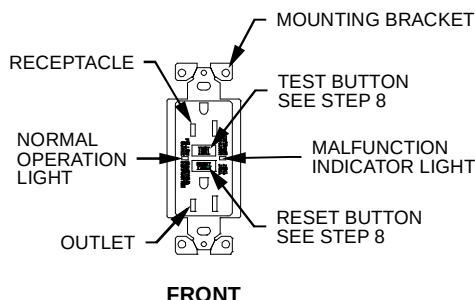
TO AVOID PERSONAL INJURY OR DEATH DUE TO ELECTRICAL SHOCK, DISCONNECT ELECTRICAL POWER BEFORE SERVICING OR CHANGING ANY ELECTRICAL WIRING.



IMPORTANT!

- A GFCI receptacle is different from conventional receptacles. In the event of a ground fault, a GFCI will trip and quickly stop the flow of electricity to prevent serious injury.
- A GFCI receptacle does NOT protect against circuit overloads, short circuits, or shocks. For example, you can still be shocked if you touch bare wires while standing on a non-conducting surface such as a wood floor.
- Your unit has been built with either a powered or non-powered 115V / 15A GFCI outlet for your convenience. This is to only be used while servicing the unit.
- Use this GFCI with copper or copper-clad wire. Do not use it with aluminum wire.
- Do not install this GFCI receptacle on a circuit that powers life support equipment because if the GFCI trips it will shut down the equipment.
- The GFCI receptacle must be kept dry by a weather proof cover and box at all times.
- Test the outlet before use to make sure it has not incurred any damage during shipping. Perform the *Operation Check* listed in this manual.

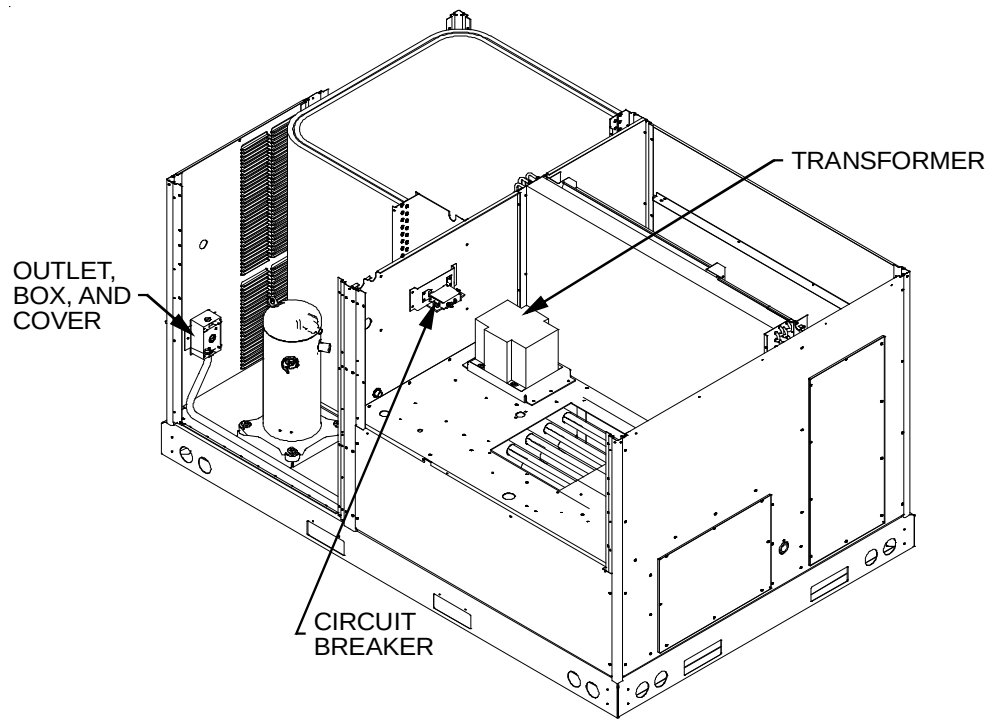
GFCI Features



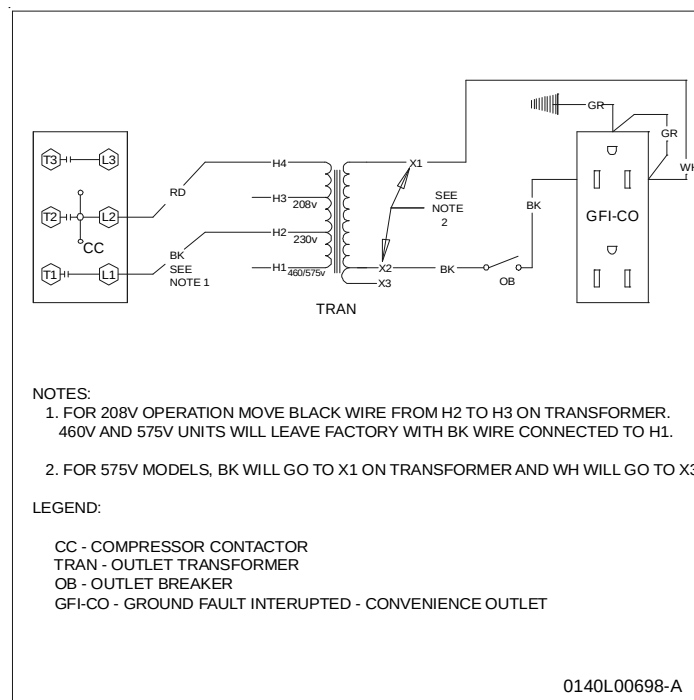
SCREW (TERMINAL) COLORS:
GREEN = GROUNDING TERMINAL
SILVER = WHITE TERMINALS
BRASS = HOT TERMINALS



Your unit will have either a **powered** or **non-powered** GFCI outlet. If your unit has a factory-installed powered convenience outlet, the outlet is ready for use once the unit is installed and operating. See figure below for component locations of the powered outlet.



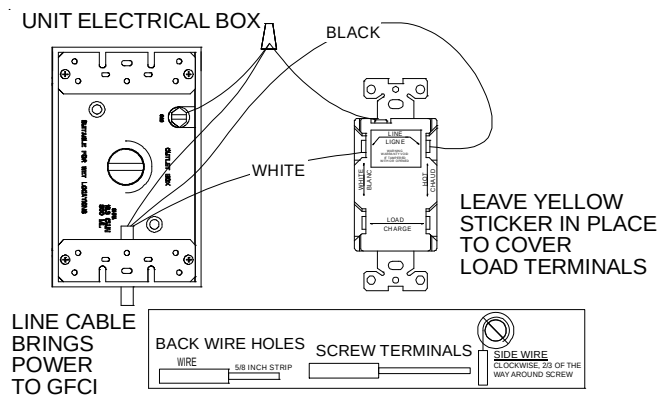
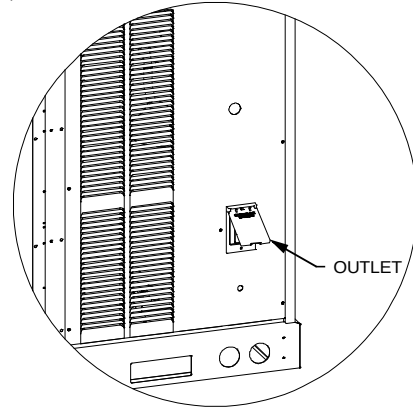
If the power for either needs to be altered from 230V to 208V, please review and follow the instructions listed on the outlet wiring diagram next to the unit diagram. Ensure unit power is OFF before making any wiring changes. See diagram below for your convenience.



NOTE: There is a 15A breaker mounted to the indoor section of the unit. If outlet is not powered, check the breaker to make sure it is in the ON position. If the breaker has been tripped, check for shorts in the wiring.

NON-POWERED GFCI OUTLET INSTALLATION INSTRUCTIONS

1. Turn power OFF to unit and power source used to power the outlet.
2. Locate the outlet on your unit. It will be on the condenser end, on the same panel where the electrical entrances for the unit are located.
3. Remove cover, gasket, and outlet.
4. Bring power into the outlet box as shown. Ensure the wiring is suitable for outdoor conditions. Connect the white wire to the WHITE terminal (Silver).
5. Connect the black wire to the HOT terminal (Brass).
6. Connect a 6-inch bare copper (or GREEN) 12 or 14 AWG wire to the grounding terminal on the GFCI, and a similar wire to the grounding terminal on the box. Connect the ends of these wires to the LINE cable's bare copper (or GREEN) wire using a wire connector.
7. Fold the wires into the box, keeping the grounding wire away from the WHITE and HOT terminals. Screw the receptacle to the box.
8. Replace gasket and cover.



OPERATION CHECK

1. Turn power ON. Press the RESET button fully. Plug a lamp or radio into the GFCI (and leave it plugged-in) to verify that the power is ON.
2. Next, press the TEST button to trip the device. The radio or lamp should shut OFF and the RESET button will pop-out. To restore power, press the RESET button.
3. If the malfunction indicator light (end-of-life indicator LED) (red) lights, the GFCI has stopped functioning and needs to be replaced.

If the outlet does not work as described, turn power OFF and check the wire connections against the diagram shown above. Ensure that there are not loose wires or loose connections.

If the RESET button does not work, check the LINE and LOAD connections. They could be reversed. If there are no wiring mistakes, the receptacle could be damaged and will need to be replaced. If the connections are rewired to the GFCI, please perform the *Operation Check* again.

NOTE: There is a 15A breaker mounted to the indoor section of the unit. If outlet is not powered, check the breaker to make sure it is in the ON position. If the breaker has been tripped, check for shorts in the wiring.

Check the TEST and RESET buttons monthly to assure proper operation.

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