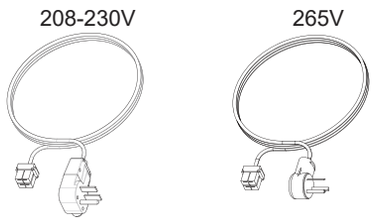
Installation Instructions for Universal Power Cord

Before you begin—Read these instructions completely and carefully.
Observe all governing codes and ordinances.
Note to Installer—Be sure to leave these instructions with the Consumer.
Note to Consumer—Keep these instructions with your Owner's Manual for future reference.

POWER CORD CONNECTION

Depending on application, a power supply kit with LCDI or non-LCDI cord as applicable.
must be used to supply power to the unit. The appropriate kit is determined by the voltage, the means of electrical connection and the amperage of the branch circuit.



Power supply kit(appearance may vary)

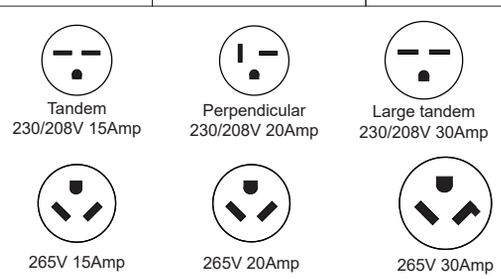
Connections of 208-230 or 265-volt circuits may be with a power supply kit or a junction box kit.
All wiring, including installation of the receptacle, must be in accordance with the NEC or CEC and local codes, ordinances and regulations. Codes require the use of an arc fault or leakage current detection device on the power cord except for direct connect. Be sure to select the correct cord for your installation.

Power cords may include an arc fault interruption or a leakage current detection interruption device. A test and reset button is provided on the plug case or the inline case. The device should be tested on a periodic basis by first pressing the TEST button and then the RESET button. If the TEST button does not trip or if the RESET button will not stay engaged, discontinue use of the unit and contact a qualified service technician.

Once the unit is properly wired, measure the unit supply voltage. Voltage must fall within the voltage utilization range given in chart below.

Operating Voltage		
Unit Voltage	**Voltage Utilization Range**	
Rating	**Minimum**	**Maximum**
230/208	**187**	**253**
265	**238**	**292**

Recommended Branch Circuit Wire Sizes	
Nameplate Max. Circuit Breaker Size	AWG Wire Size
15A	14
20A	12
30A	10



Receptacles/Sub-bases

IMPORTANT: Please read following electrical safety data carefully.

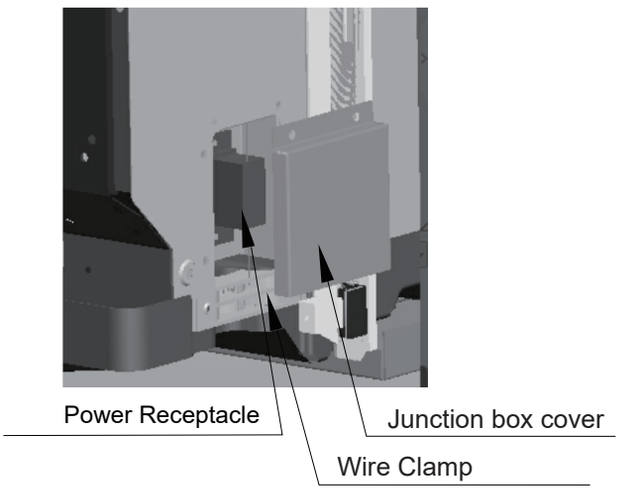
⚠ WARNING

ELECTRICAL SHOCK AND/OR UNIT OPERATION AND DAMAGE HAZARD

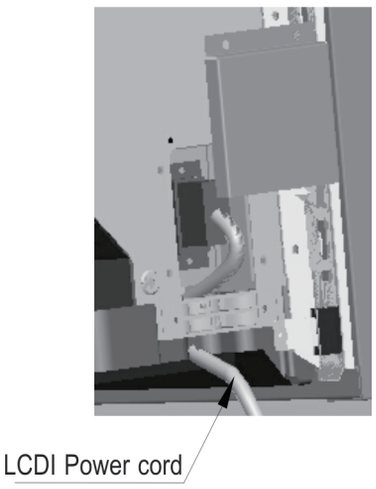
Failure to follow this warning could result in personal injury or death and/or unit operation and damage.

- Installation must be performed in accordance with the requirements of NEC and CEC by authorized personnel only.
- For personal safety, this unit **MUST BE** properly grounded.
- Protective devices (fuse or circuit breakers) acceptable for unit installations are specified on the nameplate of each unit.
- **Do not** use an extension cord with this unit.
- Aluminum building wiring may present special problems-consult a qualified electrician.
- **When unit is in STOP position, there is still voltage to electrical controls.**
- Disconnect power to unit before servicing by:
  1. Removing power cord (if it has one) from wall receptacle.
  2. Removing branch circuit fuses or turning circuit breakers off at panel.

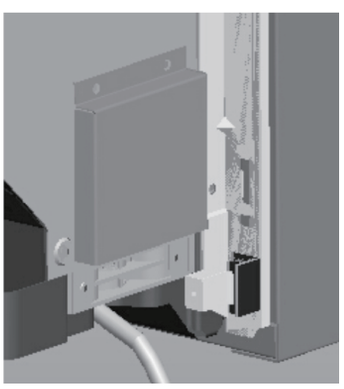
1. Remove Front Panel.
2. Remove Junction box cover by removing screws. See STEP1.
3. Connect LCDI Power Cord to Power inside the Junction box and fix the Power Cord with Wire Clamp. See STEP2.
4. Reinstall junction box cover. Secure with screws. See STEP3.
5. Reinstall front panel.
6. Connect power to unit.



STEP1



STEP2



STEP3

Electric Heater power selection

Use different power cord to select electric heater power. The details as show in the following table:

LCDI power cord / GC Model	15A	18/20A	30A
GC-07ENR1F-U	2kW	3kW	Forbidden
GCHP-07ANR1F-U	2kW	3kW	Forbidden
GC-09ENR1F-U	2kW	3kW	Forbidden
GCHP-09ANR1F-U	2kW	3kW	Forbidden
GC-12ENR1F-U	2kW	3kW	5kW
GCHP-12ANR1F-U	2kW	3kW	5kW
GC-15ENR1F-U	2kW	3kW	5kW
GCHP-15ANR1F-U	2kW	3kW	5kW