

## INSTALLATION

Check the appliance is electrically safe when you have finished.

# 11. Electrical connection

Have your appliance properly installed and grounded by a qualified technician. The installation must conform with local codes, or in the absence of local codes, in accordance with the National Fuel Gas Code, ANSI Z223.1/NFPA 54 or, in Canada, the Natural Gas and Propane Installation Code, CSA B149.1 and in addition the National Electrical Code NFPA 70 or the Canadian Electric Code, CSA C22.1.

## Electrical requirements

- ⚠ For personal safety, DO NOT use an extension cord with this appliance. Remove the house fuse or open the circuit breaker before beginning installation.**
- ⚠ WARNING Electrical Grounding Instructions. This appliance is shipped with a (four-prong) grounding plug for your protection against shock hazard and should be plugged directly into a properly grounded receptacle. DO NOT cut or remove the grounding prong from this plug.**
- ⚠ Prior to connecting the power cord to the wall socket, inspect the cable for any damage that may have occurred. In the event of damage please consult your electrical installer.**
- ⚠ Ensure that the power cord is routed so that it cannot become damaged during the installation.**

This appliance must be supplied with the proper voltage and frequency, and connected to an individual, properly grounded branch circuit, protected by a circuit breaker or time-delay fuse, as noted on the rating plate.

Wiring must conform to National Electric Codes. If the electric service provided does not meet the above specifications, have a licensed electrician install an approved outlet.

Because range terminals are not accessible after the range is in position, flexible service conduit or cord must be used.

## Provide proper electrical supply

This range must be supplied with 240 V 60 Hz, and connected to an individual, properly grounded branch circuit protected by a circuit breaker or time-delay fuse. If the electrical service provided does not meet the above specifications, it is recommended that a licensed electrician install an approved outlet.

## Connecting using the supplied cord and plug

Your range is shipped with a 4-prong NEMA 14-50P plug to be used in a NEMA 14-50R receptacle.

## Recommended electrical outlet location

When connecting using a NEMA 14-50R receptacle, if possible position it so it can be easily accessed.

Plug the range power cord into a properly grounded wall receptacle.

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### Connecting if the supplied cord and plug is not suitable.

To access the electrical connections, undo the screws and remove the electrical cover (Fig. 11.1).

#### DISCONNECT THE ELECTRICAL SUPPLY.

#### Fitting a 3-Wire Power Cord

Disconnect the supplied power cord from the terminal block and ground post. Keep the terminal block parts; you will need them.

Insert the new power cord through the strain relief device but do not tighten the device yet.

#### Your range is supplied with a ground strap that can be used when connecting to a three wire cord. Consult your electrician before changing the supplied cord kit (Fig. 11.2).

Fit the Ground strap to the ground and center terminal of the connector block (Fig. 11.3).

The neutral or ground wire of the power cord must be connected to the neutral terminal located in the center of the connector block. The power leads must be connected to the outside terminals (Fig. 11.3).

#### Fitting a 4-Wire Power Cord

Disconnect the supplied power cord from the terminal block and ground post. Keep the terminal block parts; you will need them.

Insert the new power cord through the strain relief device but do not tighten the device yet.

Fit the wires to the ground post and terminal block (Fig. 11.4).

#### After fitting your 3 wire or 4 wire Power Cord

#### Please Torque Tighten the Two M6 Bolts within the strain relief to 1Nm to 1.2 Nm (0.74 ft-lb to 0.89 ft-lb)

#### DO NOT EXCEED the Stated Torque this may cause cable damage.

#### Final Adjustments

Make sure the connections are tight. Now tighten the strain relief device to clamp the power cord.

Refit the electrical connection cover.

### Seal the Openings

Seal any openings in the wall behind the range and in the floor under the range when hookups are completed.

### When all Connections are Completed

**MAKE SURE THE FLOW OF COMBUSTION AND VENTILATION AIR TO THE RANGE IS UNOBSTRUCTED.**

