




## INSTALLATION

Check the appliance is electrically safe when you have finished.

# 10. Installation safety instructions






## Regulations

-  Installation of this range must conform with local codes, or in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.1/NFPA.54, latest edition.
-  In Canada, installation must conform with the current Natural Gas Installation Code, CAN/CGA-B149. 1 or the current Propane Installation Code, CAN/CGA-B149.2, and with local codes where applicable.
-  In Canada, electrical grounding must be in accordance with the current CSA C22.1 Canadian Electrical Code Part 1 and/or local codes. See 'Electrical Connection' in this section.

CSA 1.1, latest edition and CAN/CGA-22.2 latest edition.

This range becomes hot in use, the cooktop burners produce exhaust gases.

### IMPORTANT


-  Observe all governing codes and ordinances.
-  The range must be properly grounded.
-  This appliance is heavy. Ensure you have the correct facilities to complete the move. To find the weight of the appliance, refer to the "Technical data".
-  Refer to "Positioning the range".
-  Save these instructions for the local electrical inspector's use.

## For your safety

**DO NOT** store or use combustible materials, gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.



**If you smell gas,**

- open windows.
- **DO NOT** touch electrical switches.
- Extinguish any open flame.
- Immediately call your gas supplier.

-  Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to this manual. For assistance or additional information, consult a qualified engineer.

-  NEVER reuse old flexible connectors. The use of old flexible connectors can cause gas leaks and personal injury. Always use NEW flexible connectors when installing a gas appliance.

### IMPORTANT!

- Remove all packing material and literature from oven before connecting gas and electrical supply to range.
- Have your range installed by a qualified installer.
- **DO NOT** install your range on a substrate that cannot withstand 180 °F (82 °C).
- **DO NOT** install your range directly onto carpeting. Ensure an appropriate, non-combustible, substrate is installed prior to installing the range.
- Make sure the wall coverings around the range can withstand heat generated by the range up to 200 °F (93 °C).
- There must be a gap of at least 30" (762 mm) between the top of the range and any combustible surface above it.
- If a ventilating hood is installed above the range follow the installation instructions supplied with the hood.
-  This type of ventilation system may cause ignition and combustion problems with the gas cooking appliance, resulting in personal injury or unintended operation. Ventilating systems that direct the air upwards can be used.
-  Items of interest to children should not be stored above a range – children climbing on the range to reach items could be seriously injured.

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### Converting to propane gas

This appliance is supplied set for natural gas.

A conversion kit for Propane gas is supplied with the range.

The conversion must be performed by a qualified LP gas installer. See the 'Conversion' section at the back of this installation manual for more details.

**⚠ For installation 5000 ft above sea level, the appliance must be converted using high altitude kit A065744. Contact your distributor.**

### Location of the range

The range may be installed in a kitchen/kitchen dining area but **NOT** in a room containing a bath or shower.

The range is freestanding and should not be placed on a separate base.

**DO NOT** locate the range where it may be subject to strong drafts. Any openings beneath the range or behind the range should be sealed.

The range should be positioned on a solid substrate.

**⚠ Your range is heavy DO NOT place on soft floor coverings, such as cushioned vinyl or carpeting.**

Use care when moving the range on cushioned vinyl or carpeted flooring.

When the floor covering ends at the front of the range, the area that the range will rest on should be built up to the same level or higher than the floor covering.

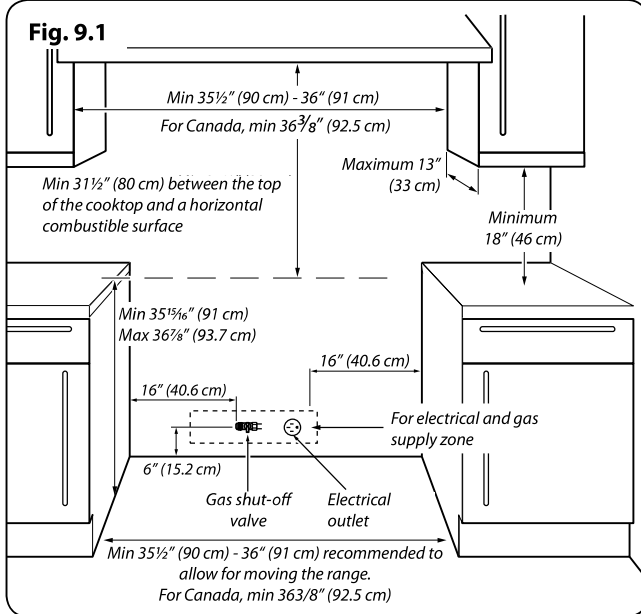
**⚠ Also, make sure your floor covering will withstand 180°F. (See the Installation Safety Instructions section).**

**⚠ (See the Installation Safety Instructions section).**

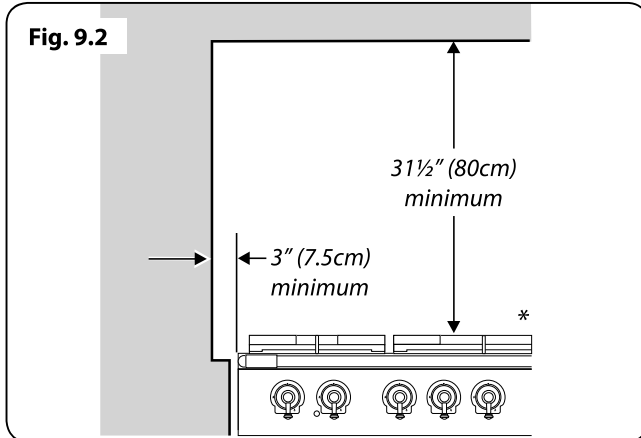
## INSTALLATION

Check the appliance is electrically safe and gas sound when you have finished.

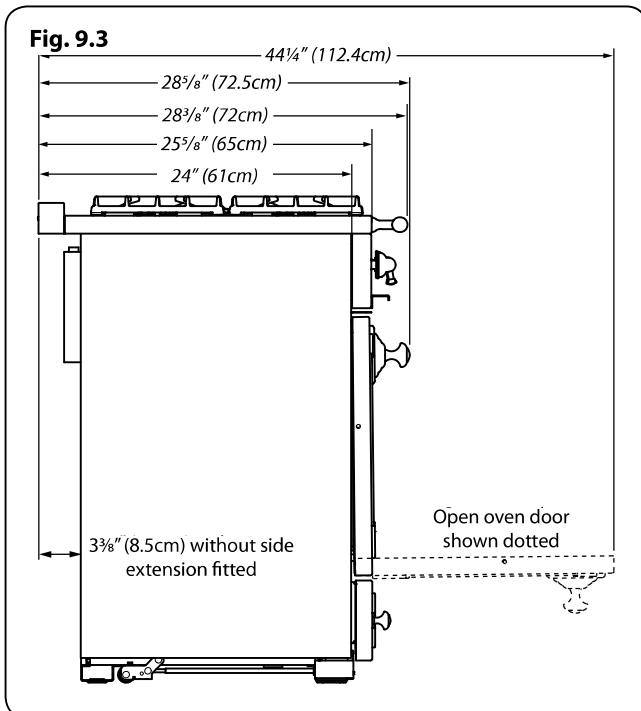
**Fig. 9.1**



**Fig. 9.2**



**Fig. 9.3**



## Positioning the range

**Fig. 9.1** and **Fig. 9.2** show the minimum recommended distances and clearances from the range to nearby surfaces.

You must provide adequate clearances between the range and adjacent combustible surfaces. These dimensions must be met for safe use of your range.

The location of the electrical outlet and pipe opening (see Gas Pipe and Electric Outlet Locations) may be adjusted to meet specific requirements.

A gap of at least 3" (7.5 cm) should be left between each side of the range **ABOVE** the cooktop level and any adjacent vertical surface.

The cooktop surround should be level with, or above, any adjacent work surface.

For non-combustible surfaces (such as unpainted metal or ceramic tiles) the gap each side can be reduced from 3" to 1" (2.5 cm).

A minimum space of 31 1/2" (80 cm) is required between the top of the cooktop and a horizontal combustible surface. The maximum depth for cabinets installed above cooktops is 13" (33 cm).

The depth of the range is 28 3/8" (72 cm) overall (**Fig. 9.3**).

Any range hood should be installed in accordance with the hood manufacturer's instructions.

\*Any splashback must be fitted in accordance with the manufacturers instructions. Allowance should be made for the additional height of the flue trim, which is fitted to the cooker hob.

**⚠ For safety reasons curtains MUST NOT be sited immediately behind the range.**

We recommend a gap of 35 1/2" (90 cm) – 36" (91 cm) (for Canada 36 3/8" (92.5 cm) between units to allow for moving the range.

If a flush fit is required (USA only), install the range up to the unit at one side then install the unit the other side.

**DO NOT** box the range in – it must be possible to move the range in and out for cleaning and servicing.

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### Recommended electrical outlet location

When connecting using a NEMA 14-50R receptacle, if possible position it so it can be accessed through the opening at the rear of the drawer cavity (**Fig. 13.1**). Alternate location within the shaded area in (**Fig. 13.2**). The distance between the back of the range and the wall is approximately 4" (10.6 cm).

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



**DISCONNECT THE ELECTRICAL SUPPLY.**

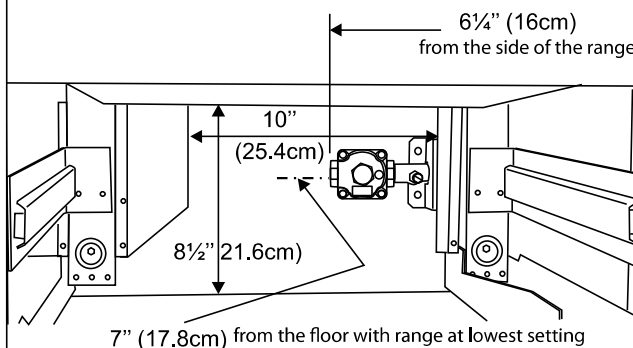
### Connecting if the supplied cord and plug is not suitable.

To remove the electrical connection cover, first remove the screws on the top and bottom edges. The cover has two side and one bottom location tags (**Fig. 13.3**).

Slide the cover down to free the side tags (**Fig. 13.4**).

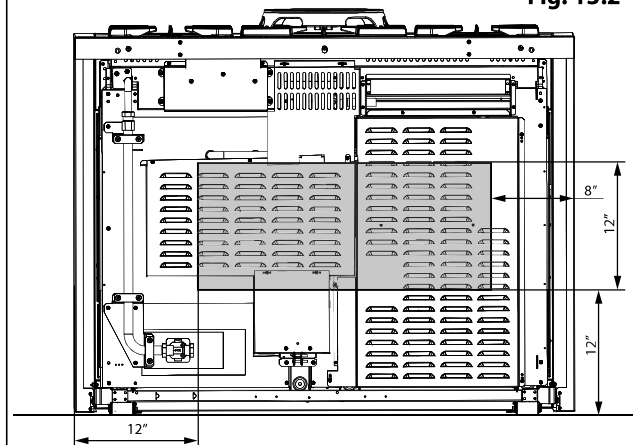
On refitting, ensure the cover is correctly located on the tab on the bottom flange.

**Fig. 13.1**

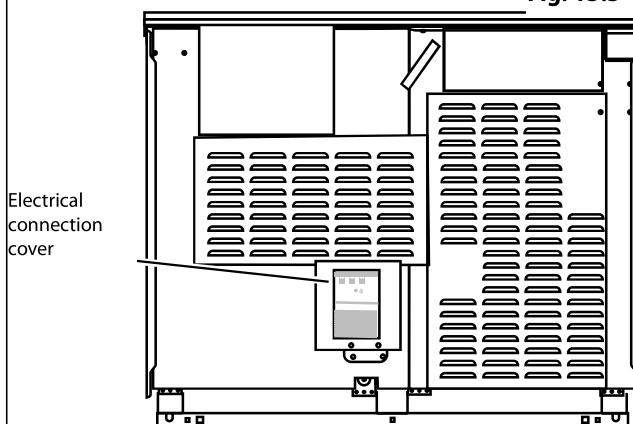


Opening inside the drawer cavity

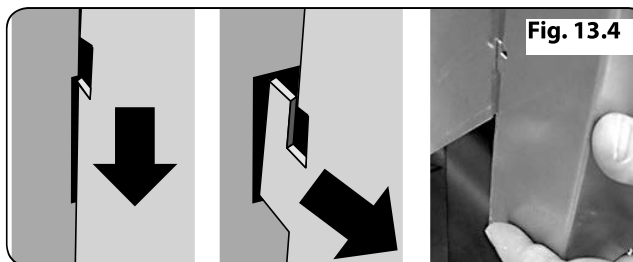
**Fig. 13.2**



**Fig. 13.3**



**Fig. 13.4**



## INSTALLATION

Check the appliance is electrically safe when you have finished.

Fig. 13.5

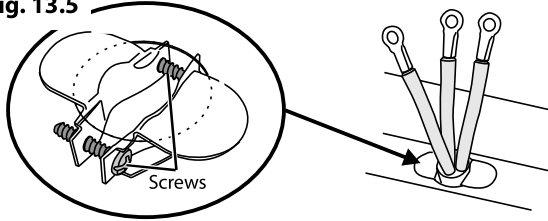
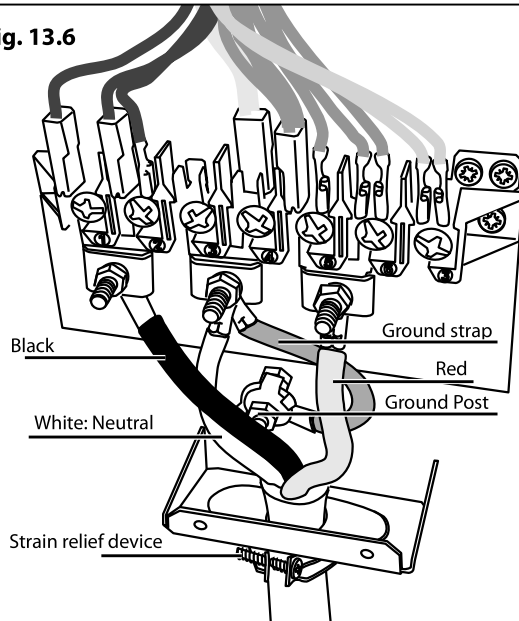


Fig. 13.6



### 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. Slacken the strain relief clamp from the power cord, untighten the 2 screws (**Fig. 13.5**) and remove the power cord.

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. 12.9).**

Fit the Ground strap to the ground and center terminal of the connector block (**Fig. 13.6**).

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. 13.6**).

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

Refit the electrical connection cover.

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### 3-Wire Conduit Installation

Disconnect the supplied power cord from the terminal block and ground post. Keep the terminal block parts; you will need them. Remove the strain relief clamp from the power cord and remove the power cord and strain relief clamp from the mounting bracket.

The range is shipped with reducer plates to give a  $1\frac{1}{8}$ " diameter opening for conduit connection (**Fig. 13.7**). Find the reducer plates (**Fig. 13.8**) in the conversion kit and fit them to the mounting bracket.

Fit a squeeze connector (not supplied with the range), to your conduit. Insert the conduit through the reducer plates on the mounting bracket. Allow enough slack to easily attach the wires to the terminal block (**Fig. 13.7**).

**NOTE: Do not install the conduit without a squeeze connector.**

A Ground strap is supplied in the conversion pack (**Fig. 13.9**). Fit the Ground strap to the ground and center terminal of the connector block.

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. 13.10**).

**NOTE: Make sure the wires are completely inserted into the terminals and secure connections are made.**

Secure the squeeze connector in place in the bracket by tightening the squeeze connector screws.

Refit the electrical connection cover.

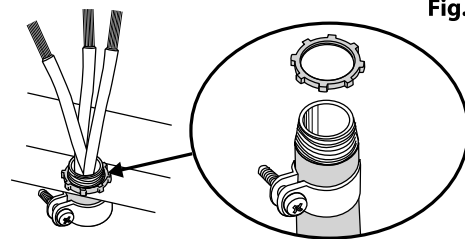


Fig. 13.7

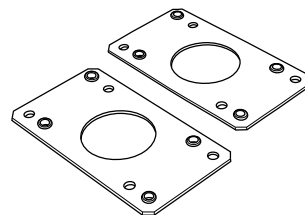


Fig. 13.8

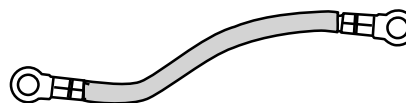


Fig. 13.9

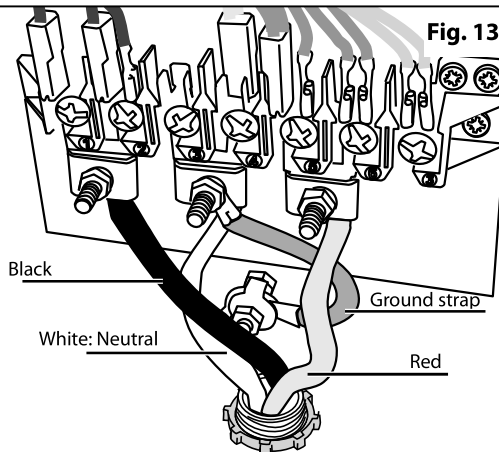


Fig. 13.10

## INSTALLATION

Check the appliance is electrically safe when you have finished.

Fig. 13.11

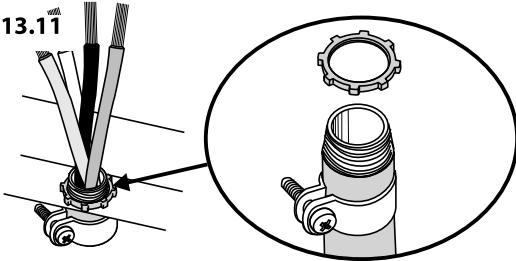
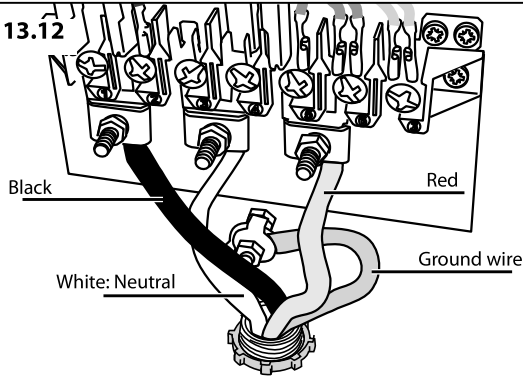


Fig. 13.12



### 4-Wire Conduit Installation

Disconnect the supplied power cord from the terminal block and ground post. Keep the terminal block parts; you will need them. Remove the strain relief clamp from the power cord and remove the power cord and strain relief clamp from the mounting bracket (**Fig. 13.11**).

The range is shipped with reducer plates to give a 1 1/8" diameter opening for conduit connection (**Fig. 13.11**). Find the reducer plates (**Fig. 13.8**) in the conversion kit and fit them to the mounting bracket.

Fit a squeeze connector (not supplied with the range), to your conduit. Insert the conduit through the reducer plates on the mounting bracket. Allow enough slack to easily attach the wires to the terminal block.

**NOTE: Do not install the conduit without a squeeze connector.**

Fit the wires to the ground post and terminal block (**Fig. 13.12**)

**NOTE: Make sure the wires are completely inserted into the terminals and secure connections are made.**

Secure the squeeze connector in place in the bracket by tightening the squeeze connector screws.

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.**