

SETTING THE BURNER MINIMUM

When switching from one type of gas to another, the minimum flow rate must also be correct: the flame should not go out even when passing suddenly from maximum to minimum flame.

To regulate the flame (fig. 2.7) follow the instructions below:

Triple-ring and semirapid burner

- Light the burner.
- Set the gas valve to **LO** position (minimum rate).
- Remove the knob.
- With a thin screwdriver, turn the regulation screw “**R1**” until adjustment is correct.

Inside crown of DUAL burner

- Light the DUAL burner.
- Set the gas valve to **LO** position (minimum rate of inner crown).
- Remove the knob.
- With a thin screwdriver, turn the regulation screw “**R2**” until adjustment is correct.

Outside crown of DUAL burner

- Light the DUAL burner.
- Set the gas valve to **LO** position (minimum rate of outer crown and maximum rate of inner crown).
- Remove the knob.
- With a thin screwdriver, turn the regulation screw “**R3**” until adjustment is correct.

For LP/PROPANE gas, tighten the adjustment screws completely.

After regulation repeat the operations indicated in paragraph “2. PRESSURE REGULATOR” at page 15 and 20.

If the range has been disconnected and then connected again to the gas supply line repeat the operations indicated in paragraph “5. LEAK TESTING” at page 20.

IMPORTANT:

- After conversion to LP/PROPANE gas has been carried out affix near the data plate the conversion label supplied and also affix a conversion label at page 3 of this instruction manual.
- After conversion back to the original gas (NATURAL GAS) has been carried out remove, near the data plate and at page 3 of this instruction manual, the LP/PROPANE conversion labels. Save the labels removed for future use.

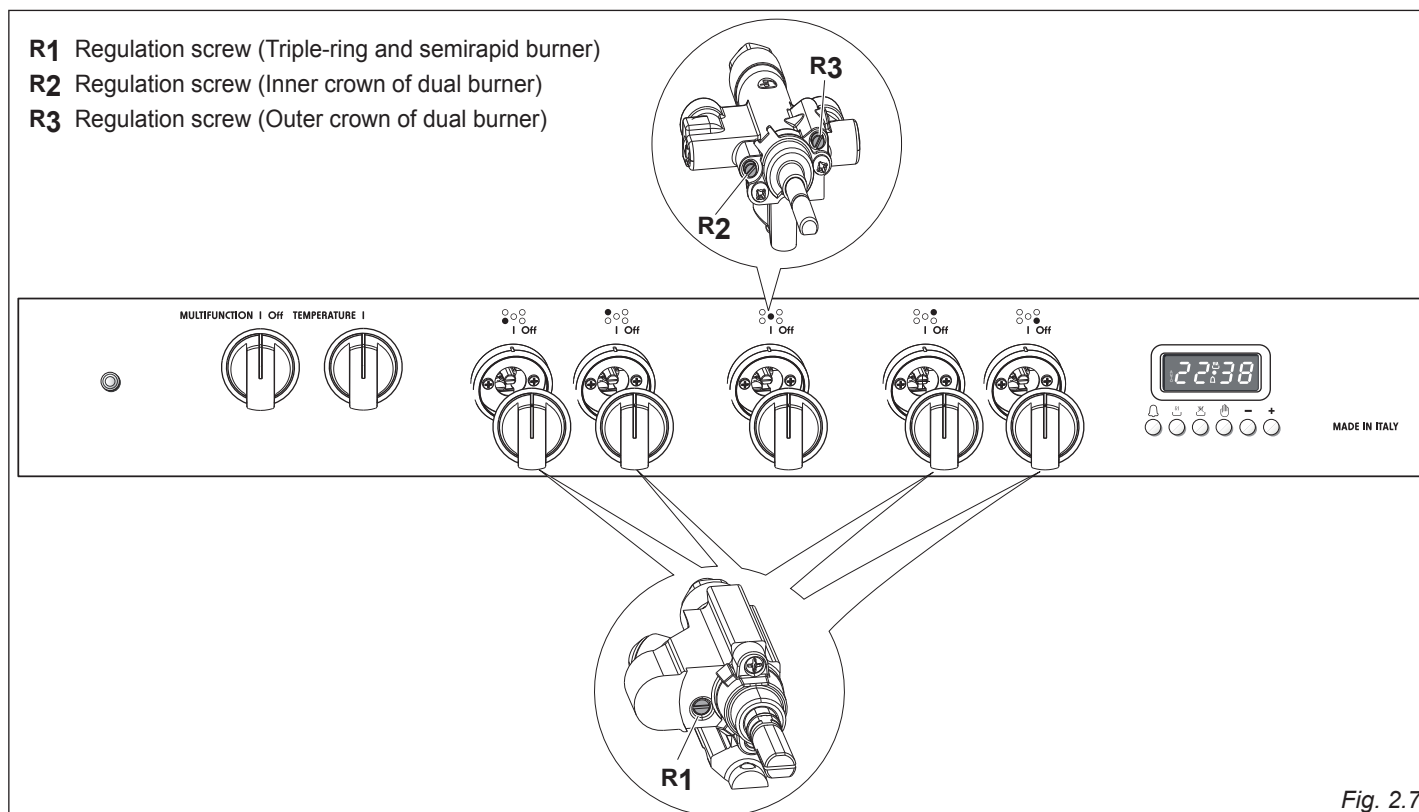


Fig. 2.7



WARNING

TO AVOID ELECTRICAL SHOCK HAZARD, BEFORE INSTALLING THE APPLIANCE, SWITCH POWER OFF AT THE SERVICE PANEL AND LOCK THE PANEL TO PREVENT THE POWER FROM BEING SWITCHED ON ACCIDENTALLY.



WARNING!!



Electrical Shock Hazard

Electrically ground range. Failure to follow these instructions can result in death, fire, or electrical shock.

ELECTRICAL REQUIREMENTS

- This appliance must be properly installed and grounded by a qualified technician in accordance with the National Electrical Code ANSI/NFPA No.70 (latest edition) and local electrical code requirements. IN CANADA: Electrical installation must be in accordance with the current CSA C22.1 Canadian Electrical Codes Part1 and/or local codes.
- This appliance may be connected by means of permanent “Hard Wiring” or “Power Supply Cord Kit”. Power supply cord is not supplied, but it is available through your local electric supply house.
- Use only 3-conductor or 4-conductor CSA/UL listed range cord rated at 30 amps with 250 V minimum and provided with ring terminals. These cords should be provided with strain relief or conduit connector.

Warning: Frame grounded through neutral lead. If used in,

- New branch-circuit installations (1996 NEC),
- Mobile homes,
- Recreational vehicles, or
- In an area where local codes prohibit grounding through neutral, use a 4 conductor cord or conduit.
- The range must be connected to the proper electrical voltage and frequency as specified on the rating plate.
- The range can be connected directly to the fused disconnect (or circuit breaker box) through flexible, armoured or non-metallic sheathed, copper cable (with grounding wire). Allow two to three feet of slack in the line so that it can be moved if servicing is ever necessary.

ELECTRICAL CONNECTION WITH POWER CORD

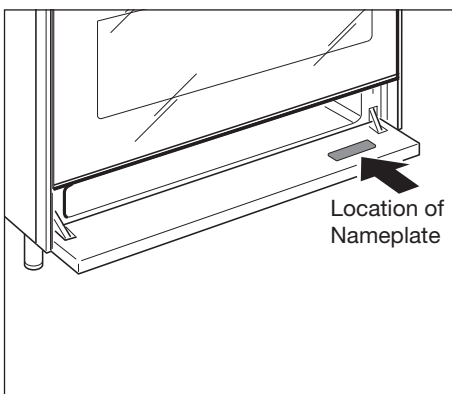
Use a 3-wire power supply cord kit rated for 30 amps - 125/250 volts with closed loop terminals and marked for use with ranges. Where local codes do not permit grounding through neutral, use a 4-wire power supply cord kit.

The cord must be secured to the range with a suitable strain relief. The electrical connection is made at the terminal block, which is located behind the terminal block access plate on the back of the range.

ELECTRICAL CONNECTION WITH CONDUIT

Use 1/2" (1.3 cm) trade size CSA/UL-listed conduit with a conduit clamp, 16 AWG/600 volt copper conductor colored red for line 1 and black for line 2 and 16 AWG/600 volt copper conductor (or 12 AWG/600 Volt copper conductor if grounding through neutral) colored white for neutral with closed loop terminals marked for use with ranges.

Where local codes do not permit grounding through neutral, use a green 12 AWG copper conductor as directed in the 4-wire connector directions. The conduit must be secured to the range with the strain relief bracket. The electrical connection is made at the terminal block which is located behind the terminal block access plate on the back of the range.



3-Wire Power Cord Installation

(See figures 3.1, 3.2 and 3.3)

1. Remove the **Terminal Block Access Plate** on the back of the range by unscrewing the 6 fixing **Screws** (fig. 3.1).
2. Insert the **Power Cord** through the hole in the **Power Cord Bracket**; then tighten the **Power Cord** by using a suitable **Strain Relief**. Allow enough slack to easily attach the cord terminals to the **Terminal Block**.
3. Remove the 3 wire terminal nuts and washers from the **Terminal Block**.
4. Plug the terminal holes of **Power Cord**. The **Neutral or Ground Wire** of the **Power Cord** must be connected to the neutral terminal located in the center of **Terminal Block**. The **Power Wires** must be connected to the outside terminals.
5. Plug washers and tighten nuts securely.



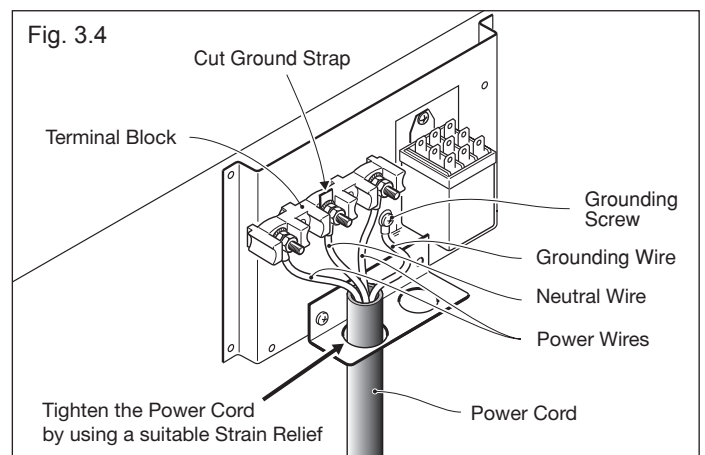
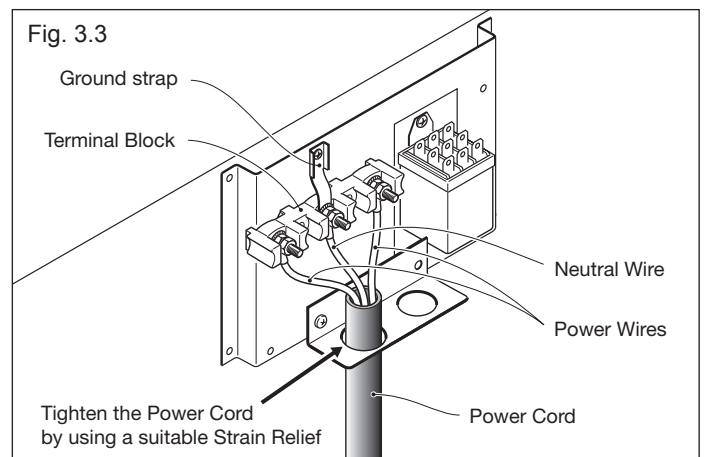
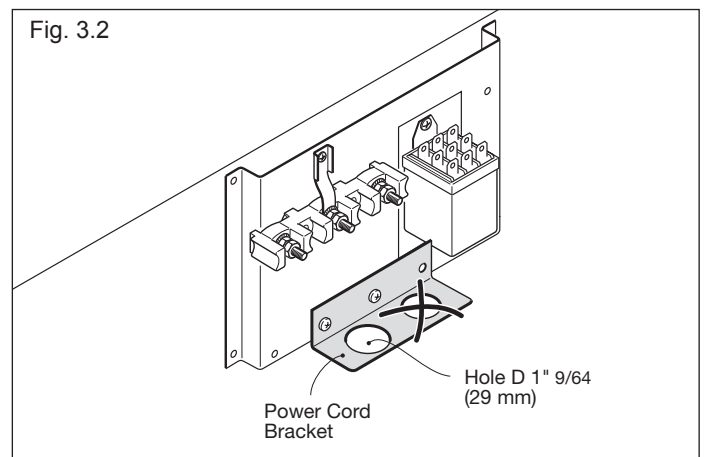
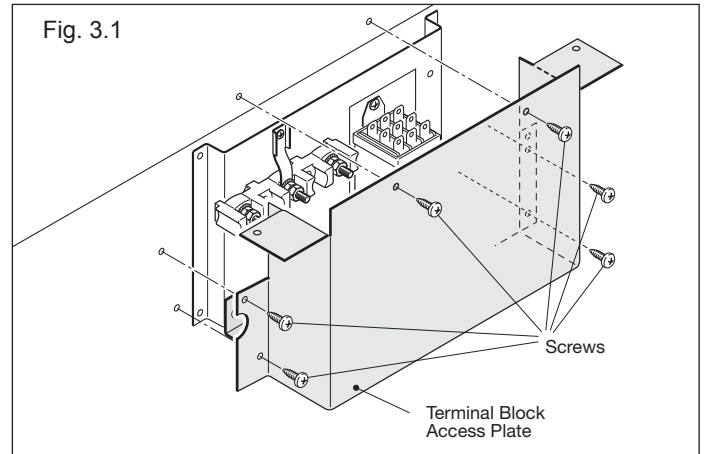
Do not remove **Ground strap**.

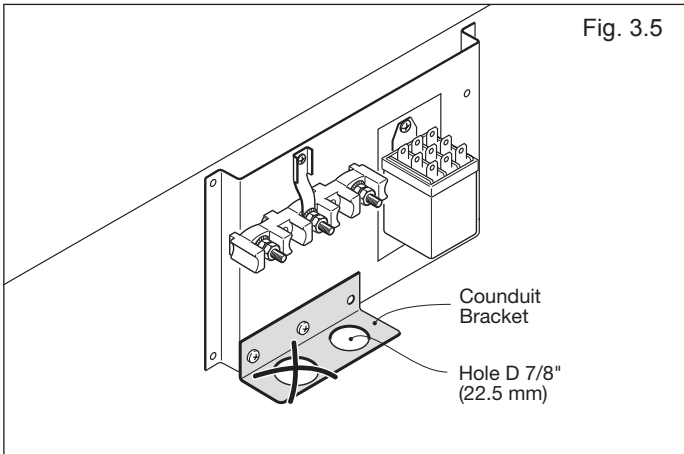
6. Assemble the **Terminal Block Access Plate**.

4-Wire Power Cord Installation

(See figures 3.1, 3.2 and 3.4)

1. Remove the **Terminal Block Access Plate** on the back of the range by unscrewing the 6 fixing **Screws** (fig. 3.1).
2. Insert the **Power Cord** through the hole in the **Power Cord Bracket**; then tighten the **Power Cord** by using a suitable **Strain Relief**. Allow enough slack to easily attach the cord terminals to the **Terminal Block**.
3. Remove the 3 wire terminal nuts and washers from the **Terminal Block**.
4. Remove the **Ground Strap** from the frame of range and terminal by removing its screw and cutting it as shown in Figure 3.4.
5. Plug the terminal holes of **Power Cord**. The **Neutral Wire** of the **Power Cord** must be connected to the neutral terminal located in the center of **Terminal Block**; the **Power Wires** must be connected to the outside terminals; the **Ground Wire** must be attached to the frame of range by using the \perp (Ground) identified **Grounding Screw**.
6. Plug washers and tighten nuts securely.
7. Assemble the **Terminal Block Access Plate**.





3-Wire Conduit Installation

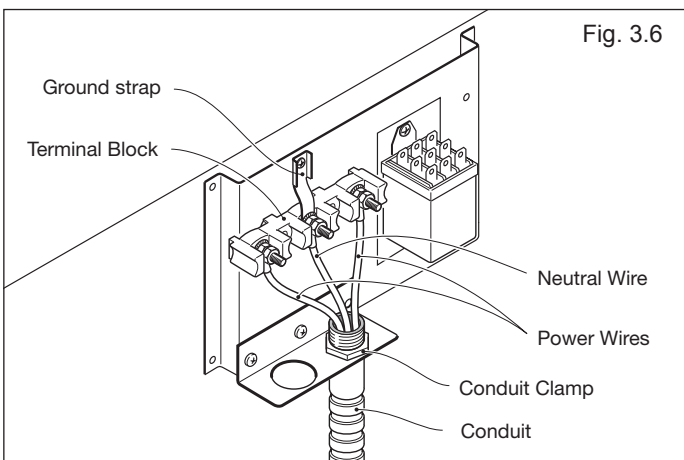
(See figures 3.1, 3.5 and 3.6)

1. Remove the **Terminal Block Access Plate** on the back of the range by unscrewing the 6 fixing **Screws** (fig. 3.1).
2. Feed 1/2" (1.3 cm) trade size **Conduit** through the hole in the **Conduit Bracket** and secure to the **Conduit Bracket** with a **Conduit Clamp**.
3. Remove the 3 wire terminal nuts and washers from the **Terminal Block**.
4. Plug the terminal holes of conductors. The **Neutral or Ground Wire** of the **Power Cord** must be connected to the neutral terminal located in the center of **Terminal Block**. The **Power Wires** must be connected to the outside terminals.
5. Plug washers and tighten nuts securely.



Do not remove **Ground strap**.

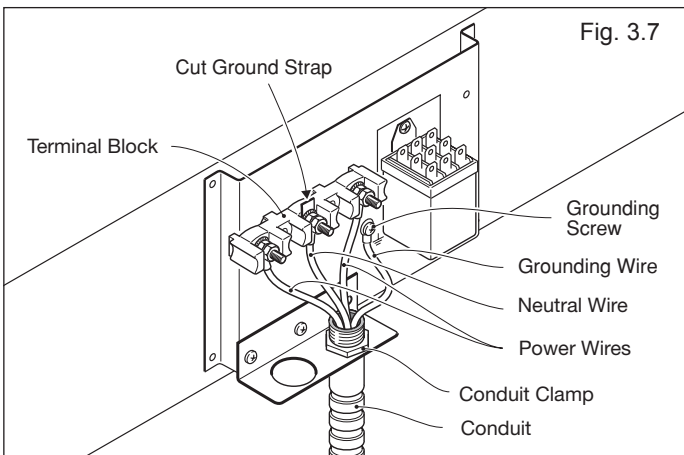
6. Assemble the **Terminal Block Access Plate**.

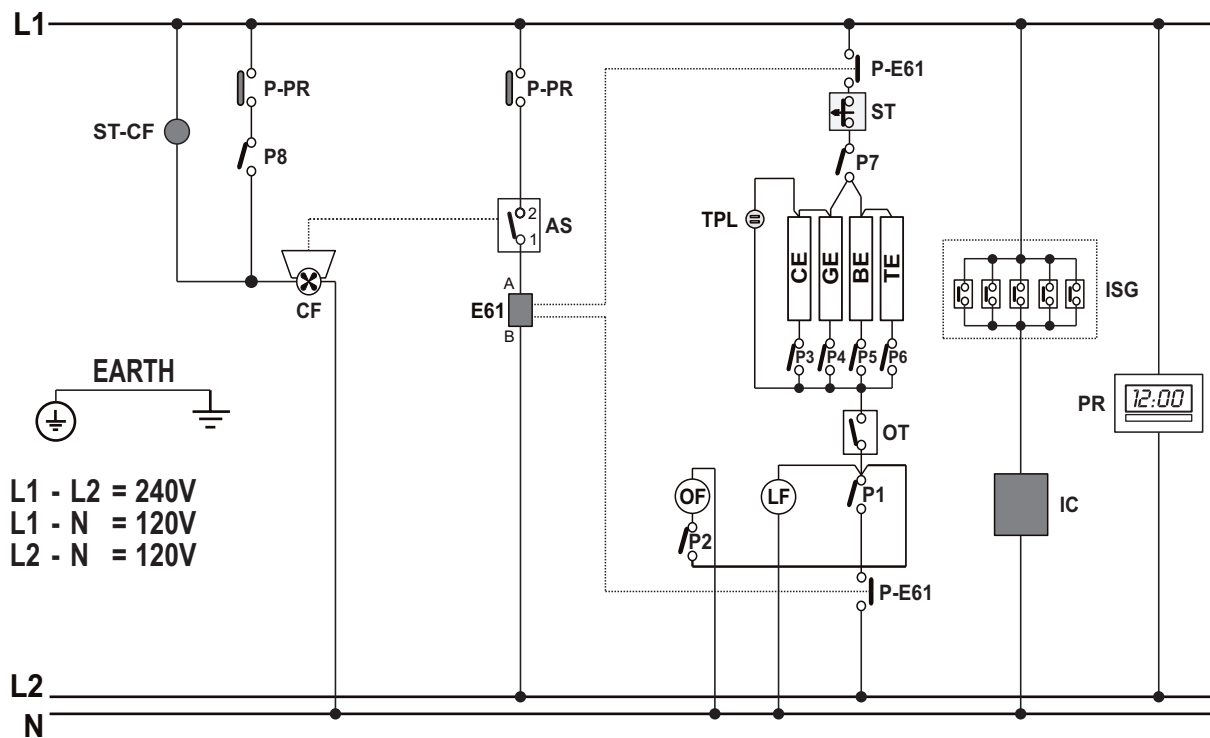


4-Wire Conduit Installation

(See figures 3.1, 3.5 and 3.7)

1. Remove the **Terminal Block Access Plate** on the back of the range by unscrewing the 6 fixing **Screws** (fig. 3.1).
2. Feed 1/2" (1.3 cm) trade size **Conduit** through the hole in the **Conduit Bracket** and secure to the **Conduit Bracket** with a **Conduit Clamp**.
3. Remove the 3 wire terminal nuts and washers from the **Terminal Block**.
4. Remove the **Ground Strap** from the frame of range and terminal by removing its screw and cutting it as shown in Figure 3.7.
5. Plug the terminal holes of conductors. The **Neutral Wire** of the **Power Cord** must be connected to the neutral terminal located in the center of **Terminal Block**; the **Power Wires** must be connected to the outside terminals; the **Ground Wire** must be attached to the frame of range by using the \perp (Ground) identified **Grounding Screw**.
6. Plug washers and tighten nuts securely.
7. Assemble the **Terminal Block Access Plate**.





L1 - L2 = 240V
 L1 - N = 120V
 L2 - N = 120V

ELECTRIC DIAGRAM KEY

- PR** Electronic programmer
- E61** Relay
- P-E61** Relay contact
- P-PR** Programmer contact
- CF** Cooling fan
- P1...8** Oven switch contact
- AS** Air flow switch
- OF** Oven fan
- TPL** Thermostat pilot lamp
- CE** Circular element
- GE** Broil element
- BE** Bottom element
- TE** Top element
- OT** Oven thermostat
- ST** Safety thermal overload
- ST-CF** Cooling fan thermal overload
- LF** Oven lamp
- ISG** Ignition switches group
- IC** Ignition coil

The manufacturer cannot be held responsible for possible inaccuracies due to printing or transcription errors in the present booklet.

The manufacturer reserves the right to make all modifications to its products deemed necessary for manufacture or commercial reasons at any moment and without prior notice, without jeopardising the essential functional and safety characteristics of the appliances.