

Haier

Installation Instructions
Instructions d'installation
Instrucciones de instalación

HCR2250ADS
HCR6250ADS

24" and 36" Dual Fuel Free-Standing Range

**Cuisinière autoportante à bi-combustible de
24" et 36"**

**Estufa independiente para dos combustibles
de 24" y 36"**

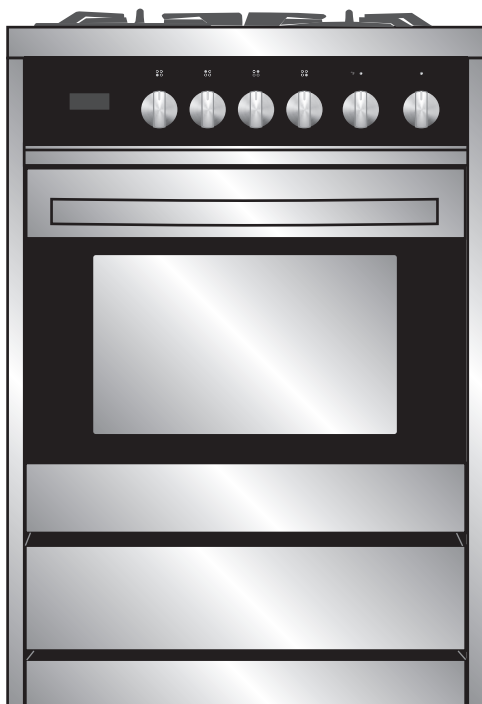


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RANGE SAFETY

Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or hurt you and others. All safety messages will follow the safety alert symbol and either the word "DANGER," "WARNING" or "CAUTION."

These words mean:



An imminently hazardous situation. You could be killed or seriously injured if you don't immediately follow instructions.



A potentially hazardous situation which, if not avoided, could result in death or serious bodily injury.



A potentially hazardous situation which, if not avoided, may result in moderate or minor injury.

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

WARNING



Fire Hazard

If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or death.

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- WHAT TO DO IF YOU SMELL GAS
 - Do not try to light any appliance.
 - Do not touch any electrical switch.
 - Do not use any phone in your building.
 - Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
 - If you cannot reach your gas supplier, call the fire department.
- Installation and service must be performed by a qualified installer, service agency or the gas supplier.

In the State of Massachusetts, the following installation instructions apply:

- Installations and repairs must be performed by a qualified or licensed contractor, plumber, or gasfitter qualified or licensed by the State of Massachusetts.
- If using a ball valve, it shall be a T-handle type.
- A flexible gas connector, when used, must not exceed 3 feet.

⚠ WARNING



Tip Over Hazard

A child or adult can tip the range and be killed.

Connect anti-tip bracket to rear range foot.

Reconnect the anti-tip bracket, if the range is moved.

Failure to follow these instructions can result in death or serious burns to children and adults.

INSTALLATION REQUIREMENTS

LOCATION REQUIREMENTS

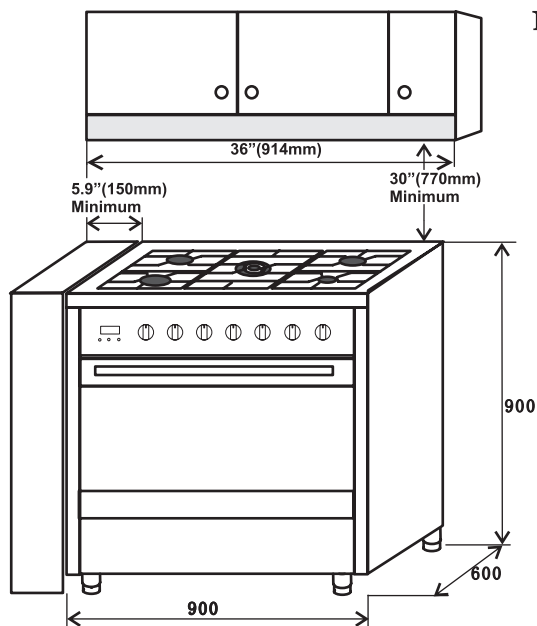
IMPORTANT: Observe all governing codes and ordinances. Do not obstruct flow of combustion and ventilation air.

- It is the installer's responsibility to comply with installation clearances specified on the model/serial rating plate. The model/serial rating plate is located inside the oven door on the right-hand side oven door trim.
- The range should be located for convenient use in the kitchen.
- Recessed installations must provide complete enclosure of the sides and rear of the range.
- To eliminate the risk of burns or fire by reaching over heated surface units, cabinet storage space located above the surface units should be avoided. If cabinet storage is to be provided, the risk can be reduced by installing a range hood or microwave hood combination that projects horizontally a minimum of 5" (12.7 cm) beyond the bottom of the cabinets.
- All openings in the wall or floor where range is to be installed must be sealed.
- Do not seal the range to the side cabinets.
- Cabinet opening dimensions that are shown must be used.
- Grounded electrical supply is required. See "Electrical Requirements" section.
- Proper gas supply connection must be available. See "Gas Supply Requirements" section.
- Contact a qualified floor covering installer to check that the floor covering can withstand at least 200°F (93°C).
- Use an insulated pad or ¼" (0.64 cm) plywood under range if installing range over carpeting.

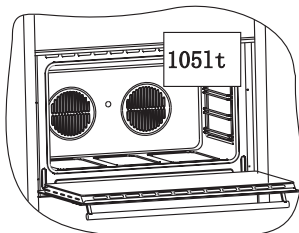
IMPORTANT: Some cabinet and building materials are not designed to withstand the heat produced by the oven for baking and self-cleaning. Check with your builder or cabinet supplier to make sure that the materials used will not discolor, delaminate or sustain other damage.

GIVEN DIMENSIONS ARE MINIMUM CLEARANCES.

PRODUCT DIMENSIONS



Nominal volume of the oven



ELECTRICAL REQUIREMENTS - U.S.A. ONLY

If codes permit and a separate ground wire is used, it is recommended that a qualified electrical installer determine that the ground path is adequate and wire gauge is in accordance with local codes.

Do not use an extension cord.

Be sure that the electrical connection and wire size are adequate and in conformance with the National Electrical Code, ANSI/ NFPA No. 7-latest edition and all local codes and ordinances.

A copy of the above code standards can be obtained from:

National Fire Protection Association
One Batterymarch Park
Quincy, MA 02269

⚠ WARNING



Electrical Shock Hazard

The electrical power to the oven branch circuit must be shut off while line connections are being made.

Do not use an extension cord with this appliance.

Electrical ground is required on this appliance. The free end of the green wire (the ground wire) must be connected to a suitable ground. This wire must remain grounded to the oven.

If cold water pipe is interrupted by plastic, non metallic gaskets, union connections or other insulating materials, **DO NOT** use for grounding.

DO NOT ground to a gas pipe.

DO NOT have a fuse in the **NEUTRAL** or **GROUNDING** circuit. A fuse in the **NEUTRAL** or **GROUNDING** circuit could result in an electrical shock.

Check with a qualified electrician if you are in doubt as to whether the appliance is properly grounded.

Failure to do so could result in death or serious injury.

Use a 3-wire, UL listed, 40-amp power supply cord (pigtail); or if local codes do not permit ground through the neutral, use a 4-wire power supply cord rated at 250 volts, 40 amps and investigated for use with ranges.

Electrical Connection

To properly install your range, you must determine the type of electrical connection you will be using and follow the instructions provided for it here.

- Range must be connected to the proper electrical voltage and frequency as specified on the model/serial number rating plate. All models are dual rated, and designed to be connected to either 208/240V AC, 60Hz, 3-wire or 4-wire, two-phase power supply.

Circuit Required	
• 208V, 60Hz	• 240V, 60Hz
• 12AMP	• 15AMP

- The electrical supply should be a 3-wire or 4-wire, two-phase AC. Install a suitable conduit box (not furnished). An appropriately sized, U-listed conduit connector must be used to correctly attach the conduit to the junction box.

IMPORTANT: Local Codes may vary; installation electrical connections and grounding must comply with all applicable local codes.

If local codes permit grounding through the electrical supply neutral, connect both the white neutral wire and the green ground wire from the oven to the white neutral electrical supply wire.

ELECTRICAL REQUIREMENTS - CANADA ONLY

WARNING



Electrical Shock Hazard

Electrically ground range.

Failure to do so can result in death, fire or electrical shock.

If codes permit and a separate ground wire is used, it is recommended that a qualified electrical installer determine that the ground path is adequate and wire gauge are in accordance with local codes.

Be sure that the electrical connection and wire size are adequate and in conformance with CSA Standard C22.1, Canadian Electrical Code, Part 1 - latest edition, and all local codes and ordinances.

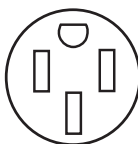
A copy of the above code standards can be obtained from:

Canadian Standards Association

178 Rexdale Blvd.

Toronto, ON M9W 1R3 CANADA.

- Check with a qualified electrical installer if you are not sure the range is properly grounded.
- When a 4-wire, single phase 120/240 volt, 60 Hz., AC only electrical supply is available, a 50-amp maximum circuit protection is required (or, if specified on the model/serial rating plate, when a 4-wire, single phase 120/208 volt 60 Hz., AC only electrical supply is available, a 40-amp maximum circuit protection is required), fused on both sides of the line.
- A time-delay fuse or circuit breaker is recommended.
- This range is equipped with a CSA International Certified Power Cord intended to be plugged into a standard 14-50R wall receptacle. Be sure the wall receptacle is within reach of range's final location.



- Do not use an extension cord.

GAS SUPPLY REQUIREMENTS

WARNING



Explosion Hazard

Use a new CSA International approved gas supply line.

Install a shut-off valve.

Securely tighten all gas connections.

If connected to LP, have a qualified person make sure gas pressure does not exceed 14" (36 cm) water column.

Examples of a qualified person include:

licensed heating personnel,
authorized gas company personnel, and
authorized service personnel.

Failure to do so can result in death, explosion or fire.

Observe all governing codes and ordinances.

IMPORTANT: This installation must conform with all local codes and ordinances. In the absence of local codes, installation must conform with American National Standard, National Fuel Gas Code ANSI Z223.1 - latest edition or CAN/CGA B149 – latest edition.

IMPORTANT: Leak testing of the range must be conducted according to the manufacturers instructions.

TYPE OF GAS

Natural gas:

This range is design-certified by CSA International for use with Natural gas or, after proper conversion, for use with LP gas.

- This range is factory set for use with Natural gas. See "Gas Conversions" section. The model/serial rating plate located on the right side oven door trim has information on the types of gas that can be used. If the types of gas listed do not include the type of gas available, check with the local gas supplier.

LP gas conversion:

Conversion must be done by a qualified service technician.

No attempt shall be made to convert the appliance from the gas specified on the model/serial rating plate for use with a different gas without consulting the serving gas supplier. See "Gas Conversions" section.

GAS SUPPLY LINE

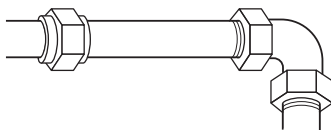
Provide a gas supply line of $\frac{3}{4}$ " (1.9 cm) rigid pipe to the range location. A smaller size pipe on longer runs may result in insufficient gas supply. Pipe-joint compounds that resist the action of LP gas must be used. With LP gas, piping or tubing size can be $\frac{1}{2}$ " (1.3 cm) minimum. Usually, LP gas suppliers determine the size and materials used in the system.

Flexible metal appliance connector:

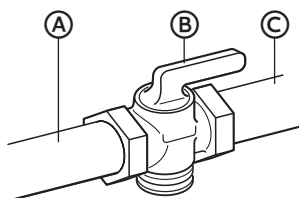
- If local codes permit, a new CSA design-certified, 4 - 5 ft (122 - 152.4 cm) long, $\frac{1}{2}$ " (1.3 cm) or $\frac{3}{4}$ " (1.9 cm) I.D., flexible metal appliance connector may be used for connecting range to the gas supply line.
- GRAPHIC – APPLIANCE CONNECTOR
- A $\frac{1}{2}$ " (1.3 cm) male pipe thread is needed for connection to the female pipe threads of the inlet to the appliance pressure regulator.
- Do not kink or damage the flexible metal tubing when moving the range.

Rigid pipe connection:

The rigid pipe connection requires a combination of pipe fittings to obtain an in-line connection to the range. The rigid pipe must be level with the range connection. All strains must be removed from the supply and fuel lines so range will be level and in line.



- Must include a shutoff valve:
- The supply line must be equipped with a manual shutoff valve. This valve should be located in the same room but external to the range. It should be in a location that allows ease of opening and closing. Do not block access to shutoff valve. The valve is for turning on or shutting off gas to the range.



- (A) Gas Supply Line
- (B) Shutoff Valve "Open" Position
- (C) To Range

GAS PRESSURE REGULATOR

The gas pressure regulator supplied with this range must be used. The inlet pressure to the regulator should be as follows for proper operation:

Natural gas:

Minimum pressure: 5" WCP

Maximum pressure: 14" WCP

LP gas:

Minimum pressure: 11" WCP

Maximum pressure: 14" WCP

Contact local gas supplier if you are not sure about the inlet pressure.

Burner Input Requirements

Input ratings shown on the model/serial rating plate are for elevations up to 2,000 ft (609.6 m).

For elevations above 2,000 ft (609.6 m), ratings are reduced at a rate of 4% for each 1,000 ft (304.8 m) above sea level (not applicable for Canada).

GAS SUPPLY PRESSURE TESTING

Line pressure testing above 0.5 psi gauge (14" WCP)

The range and its individual shutoff valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 0.5 psi (3.5 kPa).

Line pressure testing at 0.5 psi gauge (14" WCP) or lower

The range must be isolated from the gas supply piping system by closing its individual manual shutoff valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 0.5 psi (3.5 kPa).

INSTALL RANGE

INSTALL ANTI-TIP BRACKET

IMPORTANT:

- An Anti-Tip Bracket kit is included with the range. Follow the instructions supplied with the anti-tip bracket.
- Do not completely remove the rear leveling leg. The anti-tip bracket uses the rear leveling leg to secure the range to the floor.
- The anti-tip bracket should be installed, so that it secures either the right or left rear leveling leg.
- After installing the leveling leg, note the distance from the side of the range to the center of the leveling leg. Mark this location on the floor.
- Attach the anti-tip bracket to the floor with 4 screws so that the rear leveling leg will be centered within the bracket once it is in its final position.

NOTE: Contact a qualified floor covering installer for the best procedure for drilling mounting holes through your type of floor covering.

ELECTRICAL CONNECTION

POWER SUPPLY CORD

WARNING



Electrical Shock Hazard

Disconnect power before servicing.

Use a new 40 amp power supply cord.

Plug into a grounded outlet.

Failure to do so can result in death, fire or electrical shock.

1. Disconnect power.
2. Remove the terminal block cover screws located on the back of the range. Pull cover down and toward you to remove cover.
3. Add strain relief.

Power supply cord strain relief

- Remove the knockout for the 40-amp supply cord.
- Assemble a UL listed strain relief in the opening.
- Feed the power supply cord behind the black horizontal cross brace and through the strain relief, allowing enough slack to easily attach the wiring to the terminal block.
- Tighten strain relief screw against the power supply cord.

DIRECT WIRE

WARNING



Electrical Shock Hazard

Disconnect power before servicing.

Use 8 gauge copper or 6 gauge aluminum wire.

Electrically ground range.

Failure to do so can result in death, fire or electrical shock.

Be sure your appliance is properly installed and grounded by a qualified technician. Ask your dealer to recommend a qualified technician or an authorized repair service.

This appliance is manufactured with a green GROUND wire connected to the oven chassis. After making sure that the power has been turned off, connect the flexible conduit from the oven to the junction box using a U.L. listed conduit connector. The Grounded Neutral and Ungrounded Neutral Graphics on the following pages and the instructions provided, present the most common way of connecting the ovens. Your local codes and ordinances, of course, take precedence over these instructions. Complete electrical connections according to local codes and ordinances

3-WIRE CONNECTION

WARNING



Electrical Shock Hazard

Frame grounded to neutral of appliance through a link

Grounding through the neutral conductor is prohibited for new branch-circuit installations (1996 NEC); mobile homes; and recreational vehicles, or in an area where local codes prohibit grounding through the neutral conductor. For installations where grounding through the neutral conductor is prohibited, see the Ungrounded Neutral graphic.

Disconnect the ground from the neutral at free end of conduit.

Use grounding terminal or lead to ground unit.

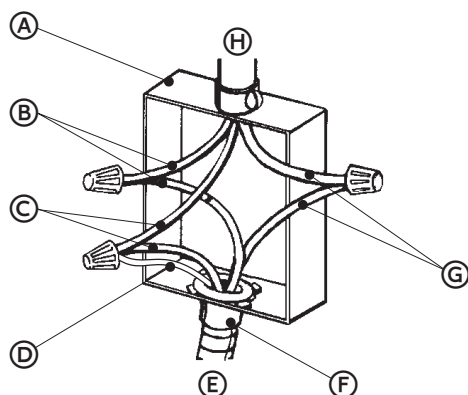
Connect neutral terminal or lead to branch circuit neutral in usual manner.

Failure to do so could result in death, fire or electric shock.

Where local codes allow the connection of GROUND wire from the oven to the branch circuit NEUTRAL wire (gray or white colored wire):

- If local codes permit, connect the green GROUND wire from the oven and the white wire from the oven to the branch circuit NEUTRAL wire (gray or white colored wire).
- Connect the red and black leads from the oven to the corresponding leads in the junction box.

Grounded Neutral

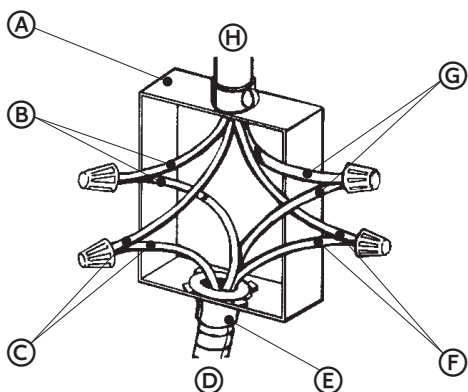


- | | | |
|------------------|-----------------------------------|-----------------------------|
| (A) Junction Box | (D) Green Wire | (G) Black Wires |
| (B) Red Wires | (E) Cable from Oven | (H) Cable from Power Supply |
| (C) White Wires | (F) U.L. Listed Conduit Connector | |

4-WIRE CONNECTION

- Disconnect ground from neutral at free end of conduit.
- Connect the green GROUND wire from the oven to the GROUND wire in the junction box (bare or green colored wire).
- Connect the red and black leads from the oven to the corresponding leads in the junction box.
- Connect the white wire from the oven to the NEUTRAL (gray or white) wire in the junction box.

Ungrounded Neutral



- | | | |
|------------------|-----------------------------------|-----------------------------|
| (A) Junction Box | (D) Cable from Oven | (F) Black Wires |
| (B) Red Wires | (E) U.L. Listed Conduit Connector | (G) White Wires |
| (C) Green Wires | | (H) Cable from Power Supply |

ELECTRICAL FEATURES

Oven Light	25 W
Spit Motor	4 W
Upper Heating Element	1950 W
Bottom Heating Element	1800 W
Grill Heating Element	2250S
Circular Heating Element	1800 W
Ventilator Motor	30 W
Cooling Fan	11 W

This appliance shall be installed only by authorized persons and in accordance with the manufacturer's installation instructions, local gas fitting regulations, municipal building codes, electrical wiring regulations, local water supply regulations.

GAS CONNECTION

WARNING



Explosion Hazard

Use a new CSA International approved gas supply line.

Install a shut-off valve.

Securely tighten all gas connections.

If connected to LP, have a qualified person make sure gas pressure does not exceed 14" (36 cm) water column.

Examples of a qualified person include:

licensed heating personnel,
authorized gas company personnel, and
authorized service personnel.

Failure to do so can result in death, explosion or fire.

TYPICAL RIGID PIPE CONNECTION

A combination of pipe fittings must be used to connect the range to the existing gas line. Your connections may be different, according to the supply line type, size and location.

1. Apply pipe-joint compound made for use with LP gas to all pipe thread connections.
2. Using a pipe wrench to tighten, connect the gas supply to the range.

TYPICAL FLEXIBLE CONNECTION

1. Apply pipe-joint compound made for use with LP gas to the smaller thread ends of the flexible connector adapters.
2. Attach one adapter to the gas pressure regulator and the other adapter to the gas shutoff valve. Tighten both adapters.
3. Use a 15/16" combination wrench and channel lock pliers to attach the flexible connector to the adapters. Check that connector is not kinked.

COMPLETE CONNECTION

1. Open the manual shutoff valve in the gas supply line. The valve is open when the handle is parallel to the gas pipe.
2. Test all connections by brushing on an approved noncorrosive leak-detection solution. If bubbles appear, a leak is indicated. Correct any leak found.
3. Plug in range or reconnect power.

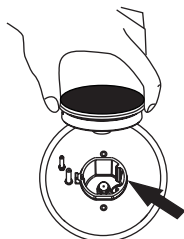
CONVERTING TO DIFFERENT TYPES OF GAS

When converting from Universal LPG to Natural Gas ensure that the LPG test point is removed and replaced with the CE Approved NG Regulator supplied in this kit. The test point pressure must be adjusted to 4"W.C with the largest burner operating on maximum flame.

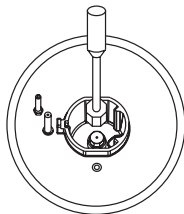
When converting from Natural Gas to Universal LPG ensure that the NG regulator is removed and replaced with the Test Point Assembly supplied in this kit. An CE Approved gas regulator suitable for a supply pressure of 10"W.C should be part of the gas tank supply and the test point pressure must be adjusted to 10"W.C.

To adapt the range to a gas different from that for which it was set up (see gas type label inside the warming compartment door) proceed as follows:

1. Remove the grids
2. Remove the burners caps and burner heads



3. Using a 7 mm socket spanner unscrew and remove the injectors.



4. Replace the injectors with those supplied corresponding to the gas available (see Burner and Injector Characteristics table).
5. Replace the various parts proceeding in reverse.

When converting from Natural Gas to LPG ensure that the NG regulator is removed and replaced with the Test Point Assembly. A gas regulator suitable for a supply pressure of should be part of the gas tank supply and the test point pressure should be adjusted to the pressure according to the data plate.

SETTING THE MINIMUM FLAME

The flame on the small output is regulated by the factory. When the injectors have been replaced or there are special mains pressure conditions, it may be necessary to regulate the minimum flame again.

To set the minimum flame:

- Light the burner
- Turn the knob to the minimum position
- Take out the knob (and gasket if there is one). Turn the screw fully clockwise, and then turn it counterclockwise $\frac{1}{4}$ turn for the Triple ring and $\frac{1}{8}$ turn for all other burners. The result should be a small, stable flame uniform around the entire burner ring. If not, turn the by-pass screw counterclockwise until satisfied with the flame.
- Put the knob back on and turn it quickly from the maximum position to the minimum position, checking that the flame does not go out.
- For burners with safety valve, make sure that the regulation obtained is sufficient to maintain heating of the thermocouple. If it is not, increase the minimum.

THE BURNERS REQUIRE NO REGULATION OF THE PRIMARY AIR.

ABNORMAL OPERATION

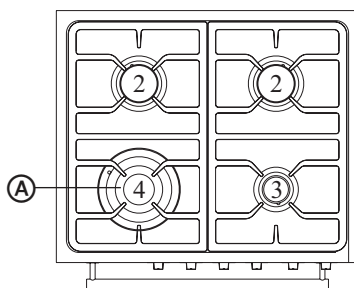
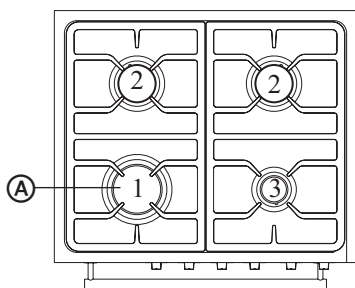
ANY OF THE FOLLOWING ARE CONSIDERED TO BE ABNORMAL OPERATION AND MAY REQUIRE SERVICING:

- Yellow tipping of the hob burner flame.
- Sooting up of cooking utensils.
- Burners not igniting properly.
- Burners failing to remain lit.
- Burners extinguished by oven door.
- Gas valves, which are difficult to turn.

IN CASE THE APPLIANCE FAILS TO OPERATE CORRECTLY, CONTACT THE AUTHORIZED SERVICE PROVIDER IN YOUR AREA

Burner and Injector Characteristic Table

Burner	Position	Injector	Gas	Pressure	Rate
		Diam. (mm)	Type	[i.w.c.]	[BTU/h]
Auxiliary	Front R	1.1	NG	4"	4967
		0.7	LP (Propane)	10"	4879
Semi-Rapid	Rear L and R	1.29	NG	4"	7055
		0.8	LP (Propane)	10"	6472
Dual Burner	Center Inner	0.99*5	NG	4"	17882
	Center Outer	0.56*6	LP (Propane)	10"	15586



- Ⓐ Opening in grate for wok ring (provided) is located over left front burner.

IMPORTANT

Do Not Return This Product To The Store

If you have a problem with this product, please contact the
"Haier Customer Satisfaction Center" at

1-877-337-3639.

**DATED PROOF OF PURCHASE, MODEL #, AND SERIAL #
REQUIRED FOR WARRANTY SERVICE**

IMPORTANT

Ne pas Réexpédier ce Produit au Magasin

Pour tout problème concernant ce produit, veuillez contacter
le service des consommateurs "Haier Customer Satisfaction Center" au

1-877-337-3639.

UNE PREUVE D'ACHAT DATEE EST REQUISE POUR BENEFICIER DE LA GARANTIE.

IMPORTANTE

No regrese este producto a la tienda

Si tiene algún problema con este producto, por favor contacte el
"Centro de Servicio al Consumidor de Haier" al

1-877-337-3639 (Válido solo en E.U.A).

**NECESITA UNA PRUEBA DE DE COMPRA FECHADA, NÚMERO DE MODELO
Y DE SERIE PARA EL SERVICIO DE LA GARANTÍA**

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