



Lighting, Operating and Maintenance Instructions for Harmony 1 Gas Stove



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Thermic Distribution
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Part No

Serial Number

IMPORTANT

READ BEFORE OPERATING THE STOVE

- ***Do not operate the stove with its door open or if its glass is damaged.***
- ***Do not operate the stove if the "coals" are damaged or are not as illustrated in the installation manual. Do not add additional coals to those supplied with the stove.***
- ***No attempt should be made to adjust the appearance of the flame by adjusting the burner or "coals" without suitable gas analysis equipment. Any change in the appearance of the flame pattern should be reported to your installer.***
- ***Improper installation, adjustment, alteration, service, or maintenance can cause injury or property damage.***
- ***Only registered CORGI engineers are allowed to install and maintain this appliance.***
- ***Ensure this and all other manuals remain with the appliance and are passed to the user.***
- ***Do not store or use petrol or other flammable vapours and liquids in the vicinity of this or any other heating appliance.***
- ***This appliance is designed to become hot and should be located away from pedestrian traffic, furniture and draperies.***
- ***Advise all adults and especially children to be alert to the hazard of the stove's high surface temperatures. Supervise young children when they are in the same room as the appliance and fit a suitable fireguard.***
- ***It is imperative that all stove and room ventilation air passageways are kept clear.***
- ***The appliance should be inspected annually by a qualified and CORGI registered engineer.***
- ***The warranty registration document must be completed by the installer and returned within fourteen days to Euroheat Distributors (H.B.S.) Ltd.***

Cleaning Your Stove

The Glass

Before attempting to clean your stove's glass the stove must be extinguished and allowed to cool, as for safety reasons it would be foolish to attempt cleaning when the stove is operating or still hot. The glass in your stove is specially formulated to withstand the very high temperatures generated within the stove and proprietary glass cleaners are not recommended as their compositions may contain chemicals that will weaken or etch into the glass. Newspaper moistened with water to which a little vinegar has been added will normally remove most staining.

The Stove Body

Dusting the stove may be carried out when the stove is at its minimum heat output temperature, using light strokes of a real bristle paint brush. Thorough cleaning, or any attempt to remove marks on the stove body, must only be done when the stove is cold.

Stoves with an enamel finish should be cleaned with a damp cloth, or very gentle use of a cleaner recommended for enamel finishes. It should be noted that even approved

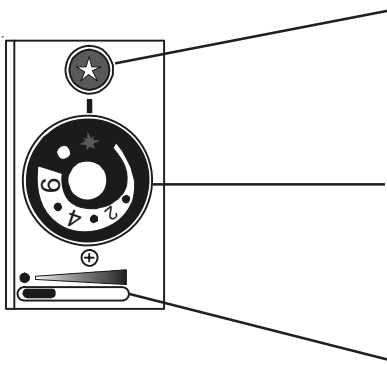
cleaners will damage the highly polished finish of the stove if used too vigorously. All traces of the cleaner must be removed before the stove is lit, and no finishing polishes must ever be used as these will leave unsightly streaks on the stove when it becomes hot.

Stoves with a matt cast black finish must never be cleaned with a cloth as the texture of the paint will abrade and collect lint from the cloth, which will be almost impossible to remove. Vigorous brushing with a stiff bristle brush will remove all dust, but where the paint is marked, the stains are better obliterated with a spray of suitable stove paint rather than attempts made to clean them off. Suitable paint may be purchased from any stove retailer, or direct from Euroheat.

Brass Fittings

Any proprietary brass cleaner may be used to clean the brass on the stove, but care must be taken to ensure the polish does not come into contact with the stove enamel or the black cast finish, where it will leave a stain.

Valve Controls



1. The **IGNITION BUTTON**, positioned at the top of the valve facia; the button is red and identified with an "electrical flash" symbol. This button energizes the spark generator when depressed, producing ignition sparks at one second intervals for as long as the button is depressed.
2. The **CONTROL DIAL**, positioned in the middle of the valve facia; with its setting being indicated by the white line below the ignition button, has three functions. It turns off all gas supplies to the stove, it allows the pilot burner to be lit and it thermostatically controls the main burner.
3. The **THERMOSTAT OVERRIDE**, the lever positioned at the bottom of the valve facia, sliding from left to right, with its setting indicated by the symbols directly above it.

Ignition Sequence

By turning the control dial to align the "star" symbol with the index line, gas will be allowed into the pilot burner when the dial is depressed fully into the valve body. By simultaneously depressing the control dial and the spark generator button, the pilot burner will be ignited. The spark generator button can be released when the pilot flame is observed. (If the background noise of the room is low it will be possible to detect that the clicking sound produced by the spark will be softened when the gas ignites). The control dial must be held depressed for twenty seconds whilst the pilot flame heats the thermocouple. When the thermocouple heats, it produces a voltage which informs the valve that the pilot flame is established and the valve takes over the supervision of the pilot flame. The control knob can now be released and the pilot will remain alight.

Main Burner Control

Thermostatic

When the gas valve has supervision of the pilot flame it will supply gas to the main burner and allow the main burner to light. The main burner can be ignited by turning the control dial anticlockwise to any position up to the position marked "6", the highest heat setting. The main burner will light automatically from the pilot burner and will burn at a high output until the temperature setting chosen on the control dial is reached, the valve will then turn off the burner or reduce its heat output to one third. The burner will re-light or its output will increase to meet the thermostat demands.

Manual

If thermostatic control of the stove needs to be overridden the control dial should be turned anticlockwise to any position beyond the ignition "star" symbol. The manual control slid from its off position, indicated by the white dot at the left of the valve facia, and repositioned to give the desired flame size.

The minimum and maximum positions correspond to the width of the white wedge printed above the slider. The manual control will be disabled if the control dial is turned to its ignition setting and the main burner will ignite and burn at the manual override setting immediately the control dial is turned anticlockwise from its ignition setting.

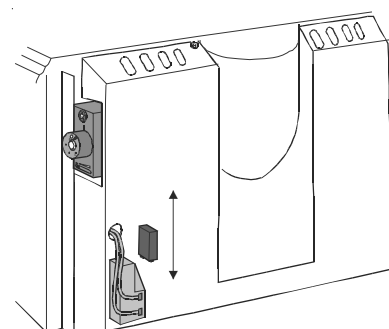
Turning Off The Stove

The stove may be turned to pilot flame only, by turning the control dial to its ignition position, or extinguished completely by turning the control knob completely clockwise to the "off" position indicated with a white "dot".

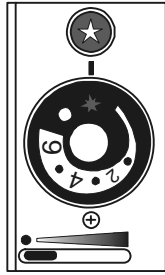
Note:- It will not be possible to ignite the stove if the thermocouple is hot. If the stove has inadvertently been extinguished or the control dial was released before the thermocouple was heated sufficiently to allow the valve to supervise the pilot burner, turn the control knob to the "off" position and wait for a few minutes before attempting to light the stove again.

Igniter Battery Replacement

The igniter is energized by a PP3 or equivalent battery. When it becomes necessary to replace a discharged battery, it should be removed by lifting it vertically from its holder and noting the orientation of the terminals. Ensure the replacement battery has all its protective packaging and terminal covers removed before pushing it vertically into the holder.



Lighting The Stove

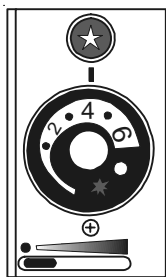
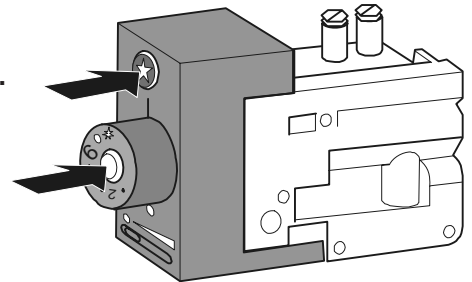


Control dial to the pilot setting.
(Red star)

Switch the manual override to "off".
(White dot)

Depress Igniter Button.

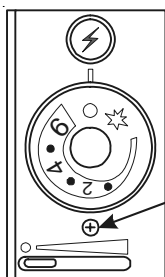
Depress Control Dial
for 20 secs.



Set Thermostat Dial position for thermostatic control.

OR

Adjust Manual Override slider for manual control.



Set Control Dial to white dot to turn off.

Euroheat, Efel and Nestor Martin have a policy of continual research and development and reserve the right to modify its appliances without prior notice.

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The Euroheat Technical Team