



GV60 REMOTE CONTROL
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General Notes

Radio Frequency Handset

43.92 MHz for Europe; 315 MHz for U.S. (FCC ID: RTD-G6R) and for Canada (IC:4943A-G6R).

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Batteries - Handset

- 1 x 9V (quality alkaline recommended).
- Low battery indicator on handsets with display.
- Handsets without display: the red LED gets darker.
- Battery replacement is recommended after 2 years.

Battery Back Up

- 4 x 1.5V "AA" (quality alkaline recommended).
- Low battery indication: frequent beeps for 3 seconds when motor turns.

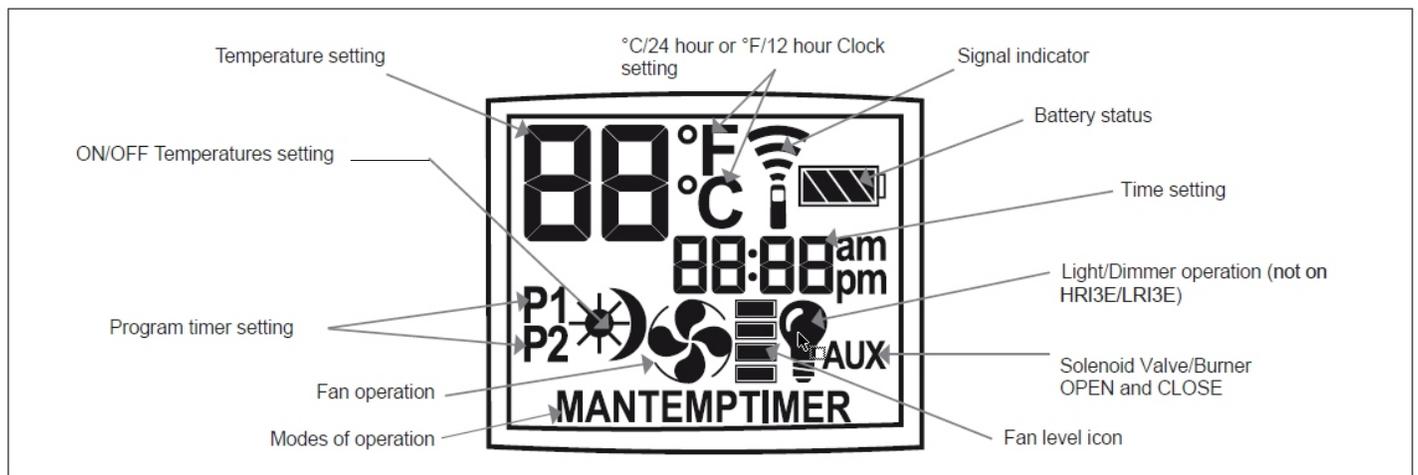
The module for fan speed control and light/dimmer (not available on HRI3E/LRI3E) includes main power together with batteries in the back up battery box if installed for automatic backup in case of power outage. If the back up battery box is not installed, the unit will not operate until power is restored.

Radio Frequency Handset

A code is selected automatically for this remote system from among 65,000 random codes available.

Note:

Wiring of valve and receiver must be completed before starting ignition. Failure to do so could damage the electronics.



Overview of remote icons

Coding instructions:

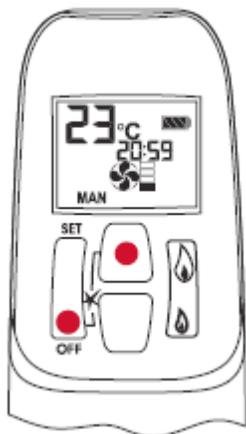
Important : The remote control/Receiver for this appliance comes pre-coded for your convenience and does not require to be re-coded after changing batteries in the hand held. As long as there is 120 volt power to the appliance and a 9 volt battery in the remote handset this will operate as normal.

If the remote for some reason ever required to be re-coded, follow these instructions below:

1. Press and hold the receiver's reset button until you hear two (2) beeps. The first beep is short. To gain access to the receiver reset button you will need to use the tool provided (see unit instruction manual) A flashlight may be required to visually see the reset button.
2. Within the subsequent 20 seconds of pressing and holding the reset button, press the small flame icon button on the handset until you hear two additional short beeps confirming the code is set. If you hear one long beep, this indicates the code learning sequence has failed or the wiring is incorrect. A 9 volt battery is required in the hand held when coding the remote handheld.

To Turn ON Appliance:**Warning**

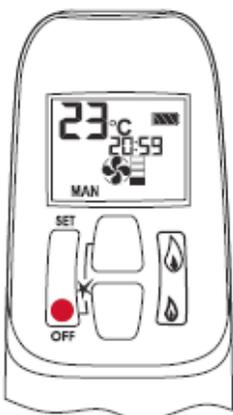
When pilot ignition is confirmed, motor turns automatically to maximum flame height.

**Handset**

- Simultaneously press the **OFF** and  (large flame) buttons until a short beep confirms the start sequence has begun; release buttons.
- Continuing beeps confirm the ignition is in process.
- Once pilot ignition is confirmed, there is main gas flow.
- After main burner ignition the handset will automatically go into temperature control mode (CSA version) or manual mode (CE version).

Standby Mode (Pilot Flame)**Handset**

- When operating the unit in temperatures below 50° F, run the pilot in "Standing pilot" mode.
- Press and hold  (small flame) to set appliance to pilot flame.
- Note: If after 5 days, the appliance has not had a call for heat; the pilot will extinguish and not be present. To enable pilot operation - repeat steps for continuous pilot.

To Turn OFF Appliance:**Handset**

- Press **OFF** button.

Flame height adjustment

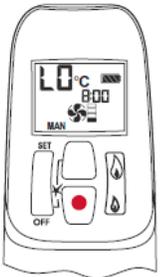


Handset

- In standby mode: Press and hold  (large flame) button to increase flame height.



- Press and hold  (small flame) button to decrease flame height or set appliance at pilot flame.
- For fine adjustment tap the  (large flame) or  (small flame) buttons.



Designated Low Fire and High Fire

- Double-click  (small flame) button. <LO> will be displayed.

Note: Flame goes to high fire first before going to designated low fire.



- Double-click  (large flame) button. Flame automatically goes to high fire. <HI> will be displayed.

To open and close solenoid valve/burner

NOTE: Not available on the HRI3E/LRI3E

NOTE: the latching solenoid valve cannot operate manually. If the battery runs down it will remain in the last operating position. During normal operation the solenoid valve will be reset to the **ON** position when the unit is switched **OFF** remotely.



Burner OFF

- Upon ignition Main Burner and Decorative Burner are **ON**.
- Simultaneously press **SET** and 🔥 (small flame) buttons to switch the Burner **OFF**. Printed instructions are on the battery cover.
- Simultaneously press **SET** and 🔥 (large flame) button to switch Burner **ON**. (The **AUX** symbol on the display indicates the solenoid valve is OPEN.)

NOTE: The operation of the **AUX** is blocked in timer **OFF** mode. When the setting of the ⏸ Night-time Setback Temperature is "--".



Burner ON



Light / dimmer operation (not available on HRI3E/LRI3E)



💡 Light /Dimmer

- Briefly press **SET** button to scroll to 💡 (light bulb) mode. Light bulb icon flashes.
- Press and hold 🔥 (large flame) button to **ON** the light or increase brightness.
- Press and hold 🔥 (small flame) button to decrease brightness.
- In the Light/Dimmer mode, the **OFF** button shuts **OFF** the light.
- If you want the light **ON** but no flame, press and hold the 🔥 (small flame) button and turn to **PILOT** flame

NOTE: The light bulb icon is displayed during light/dimmer setting only. 8 seconds after the light/dimmer has been set, the handset will automatically go into temperature control mode (CSA version) or manual mode (CE version).

Circulating Fan Operation



🌀 Circulating Fan

The circulating fan has 4 speed levels from low (1 bar) to high (4 bars).

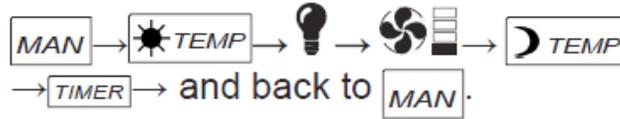
- Briefly press **SET** button to scroll to 🌀 (fan) mode. Fan and Level icons flash.
- Press 🔥 (large flame) button to switch **ON** and increase fan speed.
- Press 🔥 (small flame) button to decrease fan speed. To turn **OFF** fan, press 🔥 (small flame) button until all 4 speed level bars disappear.

NOTE: 8 seconds after the fan has been set, the handset will automatically go into temperature control mode (CSA version) or manual mode (CE version). The fan starts 4 minutes after the gas opens (from **OFF** or from **PILOT**) at maximum speed and goes to the displayed level after 10 seconds. The fan stops 10 minutes after the gas is **OFF** or at **PILOT**.

Modes of Operation



- Briefly pressing the **SET** button changes the mode of operation in the following order:



- NOTE:** Manual mode can also be reached by pressing either the (large flame) or (small flame) button.



- **Manual Mode**
Manual flame height adjustment.



- **Daytime Temperature Mode**
(Appliance must be in standby mode; pilot ignited.)
The room temperature is measured and compared to the set temperature. The flame height is then automatically adjusted to achieve the Daytime Set Temperature.



- **Light/Dimmer Setting Mode**
Turns light/dimmer **ON** and **OFF** and adjusts brightness.
(Not available on the LRI3E/HRI3E)



- **Circulating Fan**
Turns circulating fan **ON** and **OFF** and adjusts fan speed.

- NOTE:** to turn OFF fan press (small flame) until all 4 speed level bars disappear.



- **Nighttime Setback Temperature Mode**
(Appliance must be in standby mode; pilot ignited.)
The room temperature is measured and compared to the Nighttime Setback Temperature. The flame height is then automatically adjusted to achieve the Nighttime Setback Temperature.

Modes of Operation



- **TIMER** - **Timer Mode**
(Appliance must be in standby mode; pilot ignited.)
The Timers P1 and P2 (Program 1, Program 2) can each be programmed to go **ON** and **OFF** at specific time. For instructions see Timer Programming Mode.

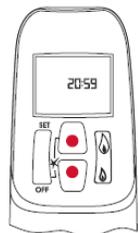
NOTE: The display shows the set temperature every 30 seconds.

Setting °C/24 Hour or °F/12 Hour Clock



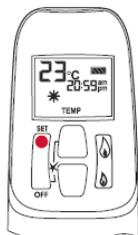
- Press **OFF** and  (small flame) button until display changes from Fahrenheit/12 hour clock to Celsius/24 hour clock and vice versa.

Setting the Time



- The Time display will flash after either:
 - a) Installing the battery or
 - b) Simultaneously pressing the  (large flame) and  (small flame) buttons.
- Press  (large flame) button to set the hour.
- Press  (small flame) button to set the hour.
- Press **OFF** or simply wait to return to manual mode.

Setting the ON/OFF Temperatures



Setting the "Daytime" Temperature
DEFAULT SETTINGS:  **TEMP** (sun), 23°C/74°F

- Briefly press **SET** button to scroll to **TEMP**  (sun) mode. Hold the **SET** button until the **TEMP** flashes.

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Setting the ON/OFF Temperatures



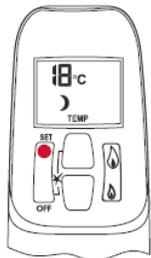
- Press the  (large flame) button to increase  Daytime Set Temperature.



- Press the  (small flame) button to decrease  Daytime Set Temperature.



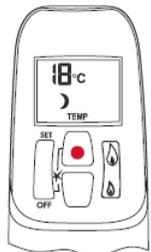
- Press **OFF** or wait to complete programming (saves automatically).



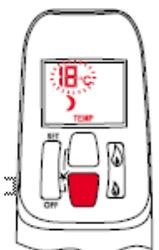
Setting the "Nighttime" Temperature

DEFAULT SETTINGS:  TEMP (moon), "--" (OFF)

- Briefly press **SET** button to scroll to **TEMP**  (moon) mode. Hold the **SET** button until the **TEMP** flashes.



- Press the  (large flame) button to increase  Nighttime Setback Temperature.



- Press the  (small flame) button to decrease  Nighttime Setback Temperature.



- Press **OFF** or wait to complete programming (saves automatically).

Setting Program Timers

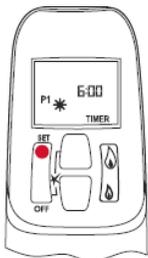
Default Settings

CE: Program 1: P1 ☀: 6:00 P1 ☾: 8:00
 Program 2: P2 ☀: 23:50 P2 ☾: 23:50
 CSA: Program 1: P1 ☀: 6:00^{am} P1 ☾: 8:00^{am}
 Program 2: P2 ☀: 11:50^{pm} P2 ☾: 11:50^{pm}

- 2 ON times can be programmed ☀ per day.
- CE: the day starts at 0:00, ends at 23:50
- CSA: the day starts at 12:00am, ends at 11:50pm
- The ON/OFF times have to be programmed in this order:
- P1 ☀ ≤ P1 ☾ < P2 ☀ ≤ P2 ☾
- If P1 ☀ = P1 ☾ or P2 ☀ = P2 ☾ the time is deactivated.
- To have the fire on overnight, set as follows:
- CE: P2 ☾ 23:50 and P1 ☀ 0:00
- CSA: P2 ☾ 11:50am and P1 ☀ 12:00am



- Select Timer Mode by briefly pressing the **SET** button.



Setting P1 ON Time

- Hold the **SET** button until P1 ☀ (sun) is displayed and the time flashes.



- Set the hour by pressing the ☹ (large flame) button.

Setting Program Timers

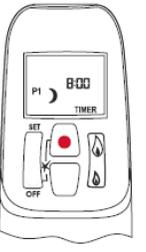


- Set the minutes by pressing the  (small flame) button.



Setting P1 OFF Time

- Briefly press SET button to scroll to setting P1 OFF  (moon) is displayed and the time flashes.



- Set the hour by pressing the  (large flame) button.



- Set the minutes by pressing the  (small flame) button.

Setting P2 ON Time

- Briefly press **SET** button to scroll to setting P2 ON time. P2  (sun) is displayed and the time flashes.
- See instructions SETTING P1 ON TIME.

Setting P2 OFF Time

- Briefly press SET button to scroll to setting P2 OFF time. P2  (moon) is displayed and the time flashes.
- See instructions SETTING P1 Off TIME.
- This concludes the programming of Timers P1 and P2. Press **OFF** or wait. The handset will automatically save the changes.

To Turn Off Gas Appliance

- Press the **OFF** button on the remote to shut off the appliance
- Place ON/OFF switch, located on the appliance in the (O) OFF position.
- If service is to be performed—the power must be disconnected and the gas to the unit must be shut off.

To Turn Off Gas Appliance

6 Hour no Communication Function

(CSA version)

- Manual Mode/Temperature/Timer Mode: the valve will turn to pilot flame if there is no change in flame height for a 6 hour period. In Temperature/Timer Mode if the ambient room temperature changes, the flame height will adjust automatically to maintain set temperature, and the fire will continue to function normally. The valve will turn to pilot flame if the set temperature and the ambient room temperature remain the same over a 6 hour period.

Receiver Overheating

(Only if module is connected)

- Valve turns to pilot flame if the temperature in the receiver is higher than 140°F / (60°C). the main burner comes back on only when the temperature is below 40°F / (60°C).

Automatic Shut Off

Low Battery Receiver

With low battery power in the receiver the system shuts off the fire completely. This will not happen if the power supply is interrupted.

Five Day Shut Off

(CSA version)

- The system shuts off the fire completely if there is no change in flame height for 5 days.

