



Derby Large Tunnel 3 CF Direct Vent Gas Fireplace

Operating manual

belfires. gas fires



DANGER



**HOT GLASS WILL
CAUSE BURNS.
DO NOT TOUCH GLASS
UNTIL COOLED.
NEVER ALLOW CHILDREN
TO TOUCH GLASS.**

A barrier designed to reduce the risk of burns from the hot viewing glass is provided with this appliance and must be installed for the protection of children and other at-risk individuals.

INSTALLER:

**Leave this manual with
the appliance.**

CONSUMER:

**Retain this manual for
future reference.**



WARNING: FIRE OR EXPLOSION HAZARD

Failure to follow safety warnings exactly could result in serious injury, death or property damage.

- 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.
 - Leave the building immediately.
 - 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.

This appliance may be installed in an aftermarket, permanently located home or mobile home, where not prohibited by local codes. This appliance is only for use with the types of gas indicated on the rating plate. A conversion kit is supplied with the appliance.

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Derby Large **Tunnel 3** CF :

All warnings and instructions apply to both doors (front glass frames)
and both barriers !

IMPORTANT SAFETY INSTRUCTIONS

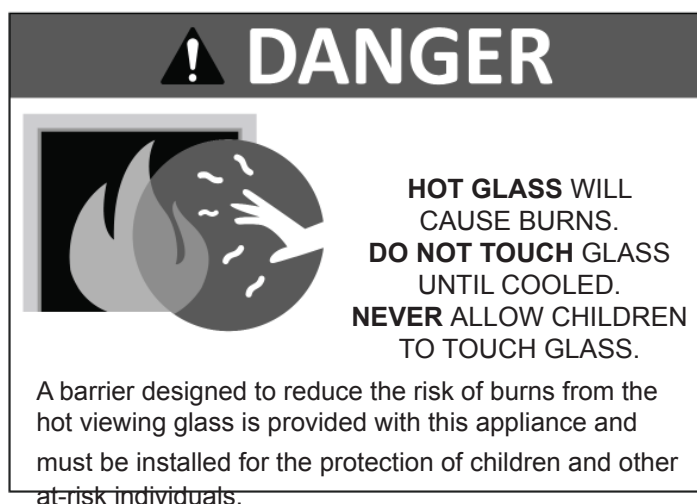
WARNING: Improper installation, adjustment, alteration, services or maintenance can cause serious injury or property damage. Refer to this manual.

SAVE THESE INSTRUCTIONS

Make yourself fully aware of all the following instructions and the many features of the Bellfires direct vent gas fireplace appliance.

INSTALLER: Leave this manual with the appliance.
CONSUMER: Retain this manual for future reference.

1. This appliance reaches high temperatures. Keep children and adults away from hot surfaces to avoid burns or clothing ignition. The appliance will remain hot for a time after shutdown. Allow surfaces to cool before touching.



2. A barrier designed to reduce the risk of burns from the hot viewing glass is provided with this appliance and must be installed for the protection of children and other at-risk individuals.
3. If the barrier becomes damaged, the barrier must be replaced with the manufacturer's barrier for this appliance.
4. Any safety screen, guard or barrier removed for servicing the appliance, must be replaced prior to operating the appliance.
5. Children and adults should be alerted to the hazards of high surface temperature and should stay away to avoid burns or clothing ignition.
6. Young children **MUST** be carefully supervised when they are in the same room as the appliance. Toddlers, young children and others may be susceptible to accidental contact burns. The remote control handset should be kept out of reach of children. A physical barrier is recommended if there are at risk individuals in the house. To restrict access to a fireplace or stove, install an adjustable safety gate to keep toddlers, young children and other at risk individuals out of the room and away from hot surfaces.

IMPORTANT SAFETY INSTRUCTIONS

7. Keep the area around your appliance clear of combustible materials, gasoline and other flammable vapor and liquids.
8. Do not place embers, vermiculite granules, wood logs or pebbles against the pilot light burner. Make sure that the pilot flame can burn at all times freely over the main burner. Only in this way is proper ignition of the main burner ensured. Ignoring these directions could lead to a dangerous situation
9. Never place anything on top of the appliance.
10. Do not use this appliance to cook food or burn paper or other objects.
11. Do not use any solid or liquid fuels in this appliance. Use only the gas type indicated on the rating plate.
12. This appliance is only for use with the type of gas indicated on the rating plate. This appliance is convertible for use with other gases. A conversion kit is supplied with this appliance.
13. Installation and service must be performed by a qualified installer, service agency or gas supplier.
14. DO NOT operate the appliance with glass removed, cracked or broken.
15. DO NOT use abrasive cleaners on the panels. DO NOT attempt to clean the glass when it is hot.
16. DO NOT strike or slam the glass panel.
17. DO NOT modify the appliance under any circumstances. Any parts removed for servicing must be replaced prior to operating the appliance.
18. Turn the appliance off and let cool before servicing, installing or repairing. ONLY a qualified service person should install, service or repair the appliance. Have burner system inspected annually by a qualified service person.
19. Keep control compartments, burners and circulating air passages clean. More frequent cleaning may be needed due to excessive lint and dust. Turn off the gas valve and appliance (OFF on remote control) before cleaning the appliance.
20. The venting system MUST be checked annually by a qualified service person. If needed, have the venting system cleaned or repaired.
21. When the appliance is installed directly on carpeting, tile or other combustible material non-combustible, it must be set on a metal panel or hearth pad extending at least the full width and depth of the appliance.
22. DO NOT obstruct the flow of combustion and ventilation air in any way. Provide adequate clearances around air openings into the combustion chamber along with adequate accessibility clearance for servicing and proper operation.

IMPORTANT SAFETY INSTRUCTIONS

23. DO NOT use the appliance if any part has been exposed to or has been under water. Immediately call a qualified service technician to inspect the appliance and replace any part of the control system and any gas control which has been submerged in water.
24. DO NOT operate the appliance if any log is broken.
25. The installation must conform with local codes or, in the absence of local codes, with the Natural Gas and Propane Installation Code, CSA B149.1.
26. This appliance, when installed, must be electrically grounded in accordance with local codes or in the absence of local codes, with the *Canadian Electrical Code*, CSA C22.1.
27. The appliance is equipped with a patented safety system, whereby the door (front glass frame) will extract any over-pressure that arises in a controlled way. In this, the door will briefly open. A safety strip limits the maximum degree to which the door can be tilted. This may cause a loud noise. If this happens, immediately close the gas tap and call a qualified service technician. To avoid any possible personal harm when the door opens due to an over-pressure, always maintain a minimum distance of 40 in (100 cm) to the appliance, when igniting and when burning.

WARNING: Never connect unit to private (non-utility) gas wells. This gas is commonly known as well-headed gas.

CODE APPROVAL

Direct Vent type appliances draw all combustion air from outside of the dwelling through the vent pipe.

These appliances have been tested by CSA and found to comply with the established standards for VENTED GAS FIREPLACE HEATERS in Canada as follows:

LISTED VENTED GAS FIREPLACE HEATERS

Derby Large Tunnel 3 CF tested to:

- ANSI Z21.88-2019 / CSA 2.33-2019 Vented Gas Fireplace Heaters.
- CSA P4.1 - 15 Testing method for measuring annual fireplace efficiency.

A mobile home OEM installation must conform with the ***Standard for Gas Equipped Recreational Vehicles and Mobile Housing, CSA Z240.4.***

OPERATING INSTRUCTIONS

INTRODUCTION

STOP!

Read the safety instructions information above.

IMPORTANT : This appliance is solely intended for installation and use in Canada.

WARNING: If the information in these instructions is not followed exactly, a fire or explosion may result causing property damage, personal injury or death.

Keep this booklet in a safe place.

SAFETY

The appliance is fully protected by means of a thermo-electric pilot light shut off in the event of a gas escape from the main burner.

In addition, the appliance is equipped with a patented safety system, whereby the door (front glass frame) will relieve in a controlled manner a potential developing overpressure. Thus, by means of a spring system, the door will tilt a few inches forward. A safety strip limits the maximum degree to which the door can be tilted. This may cause a loud noise.

If this happens, immediately close the gas tap and call a qualified service technician.

WARNING:

Do not place embers, vermiculite granules, wood logs, pebbles, glass beads or crushed glass against the pilot light burner. Make sure that the pilot flame can burn at all times freely over the main burner. Only in this way is proper ignition of the main burner ensured. Ignoring these directions could lead to a dangerous situation.

Do not place flammable objects within 40" (100 cm) of the appliance. Pay special attention to furnishings and ornaments around the fire.

When igniting the pilot light and burner, always keep a minimum distance of 40" (100 cm) from the front of the appliance.

If the pilot flame goes out for any reason, wait for 5 minutes before attempting to re-light it.

It is essential that the appliance, the complete concentric flue system and the outlet are cleaned and inspected annually by a recognised fitter/gas specialist. The safe operation of the appliance will thus remain guaranteed. For this, please refer to the Installation instructions (Chapter: ANNUAL MAINTENANCE), that are supplied separately with each appliance.

The gas fire must never be used with the door open or the door glass removed.

Never place flammable material on the ceramic log set, pebbles or glass.

The filling of the main burner with embers, vermiculite granules, wood logs, pebbles or glass may not under any circumstances be changed or added to.

Do not place easily-flammable materials, such as nylon clothing or flammable liquids, in the vicinity of the gas fire.

Ensure at all times that children and other people who are not aware of the operation of the gas appliance are only in the vicinity of the appliance exclusively under supervision.

Use the provided barrier (fireguard) to protect the people and children mentioned above against possible burns.

OPERATING INSTRUCTIONS

BEFORE OPERATING smell around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.

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.

DO NOT use the appliance if any part has been exposed to or has been under water. Immediately call a qualified service technician to inspect the appliance and replace any part of the control system and any gas control which has been submerged in water.

Use only the remote control to operate the appliance. Never use other means. If the remote control does not function, try changing the batteries in the remote control and/or the batteries in the receiver (see page 29 of this manual). If, after changing the batteries, the appliance still not works, do not try to repair it. Call a qualified service technician. Force or attempted repair may result in a fire or explosion.

The appliance is fully protected by means of a thermo-electric pilot light shut off in the event of a gas escape from the main burner.

In addition, the appliance is equipped with a patented safety system, whereby the door (front glass frame) will relieve in a controlled manner a potential developing overpressure. Thus, by means of a spring system, the door will tilt a few inches forward. A safety strip limits the maximum degree to which the door can be tilted. This may cause a loud noise.

If this happens, immediately close the gas tap and call a qualified service technician.

IMPORTANT: When igniting the pilot light and burner, always keep a minimum distance of 40" from the front of the appliance. If the pilot flame goes out for any reason, wait for 5 minutes before attempting to re-ignite it.

WARNINGS:

- **Never place combustible material on the ceramic log set, pebbles or glass. The filling of the main burner with embers, vermiculite granules, wood logs, pebbles or glass may not under any circumstances be changed or added to.**
- **Do not place easily-combustible materials, such as nylon clothing or combustible liquids, in the vicinity of the appliance.**
- **Ensure at all times that children and other people who are not aware of the operation of the gas appliance are only in the vicinity of the appliance exclusively under supervision.**
- **Use the provided barrier (fireguard) to protect the people and children mentioned above against possible burns.**

OPERATING INSTRUCTIONS

FLAME EFFECT

The appliance is supplied with a “Centre Fire” double burner, from the factory. This burner has its own specific flame effect, see below for an impression.

Derby Large Tunnel 3 CF

The appliance is supplied with a “Centre Fire” double burner:

Both burners ON



Only front burner ON



Natural gas:



The above sketches provide an impression of the flame effect. This can differ from reality. The flame effect is dependant on the composition and supply pressure of the natural gas present.

Propane:



The flame effect produced by propane is less realistic than with natural gas. The flame effect is less as far as flame volume and height are concerned!

OPERATING INSTRUCTIONS

REMOTE CONTROL



General

Read these instructions carefully before lighting the fire !!

The appliance is operated by radio remote control. This comprises a hand-held transmitter and a receiver. The receiver is part of the gas control block assembly.

The receiver and the gas control block are behind the (white) panel door (operating unit) next to the appliance. Press the door inwards to open; this will release the catch and the door will spring out.

The hand-held transmitter and receiver are powered by batteries.

Hand-held transmitter : 2x 1.5V battery type LR3 or AAA.

Receiver : 4x 1.5V battery type LR6 or AA.

Option: 6V adapter (120 VAC). Available from your fitter.

Note: Hand-held transmitter and receiver are **not** interchangeable with previous models.

The pilot light is situated in the front of the burner, behind a cowl. *Should the pilot light go out, you must wait five (5) minutes before attempting to re-ignite the fire.*

IMPORTANT: Once the fire is lit, it must burn at maximum for approx. 10 minutes to allow the chimney to come up to temperature!

OPERATING INSTRUCTIONS

Hand-held transmitter

The remote control works by radio signal. The hand-held transmitter is configured in the factory with a unique signal code.

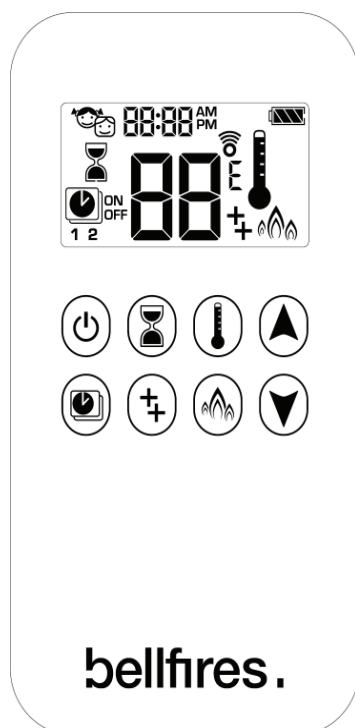


Figure 1: Hand-held transmitter

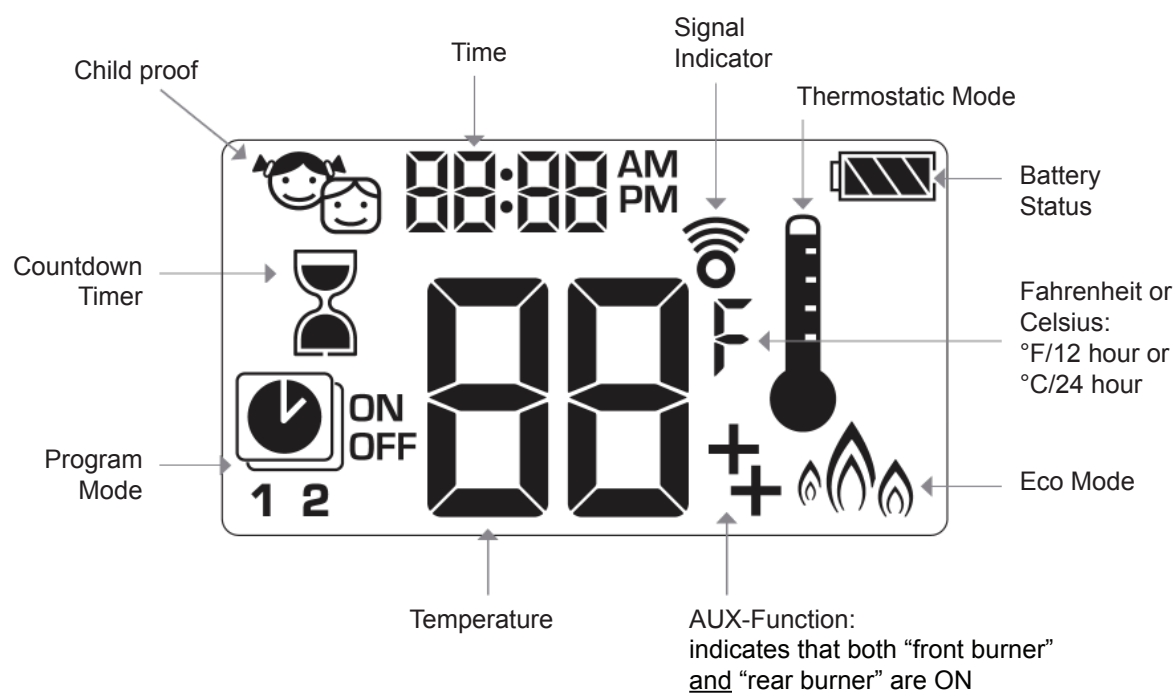
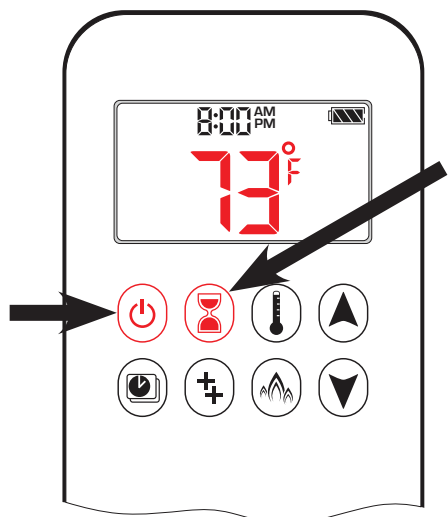


Figure 2: Display hand-held transmitter

OPERATING INSTRUCTIONS



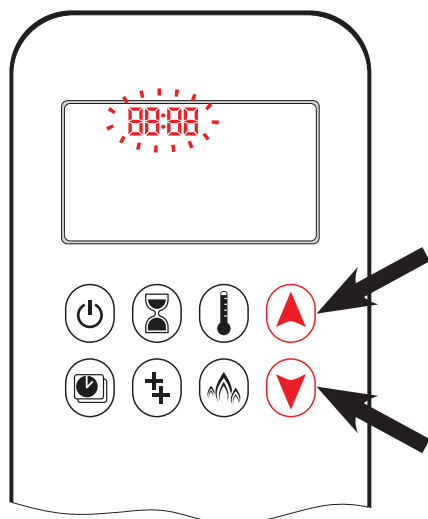
SETTING FAHRENHEIT OR CELSIUS

- To change between °C and °F, press and buttons simultaneously.

Note:

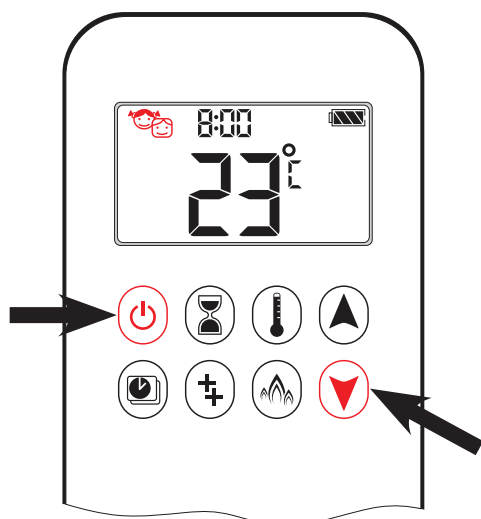
Choosing °F results in a 12 hour clock.

Choosing °C results in a 24 hour clock.



SETTING THE TIME

- Press and buttons simultaneously.
Day flashes.
- Press or button to select a number to correspond with the day of the week (e.g. **1**=Monday, **2**=Tuesday, **3**=Wednesday, **4**=Thursday, **5**=Friday, **6**=Saturday, **7**=Sunday).
- Press and buttons simultaneously.
Hour flashes.
- To select hour press or button.
- Press and buttons simultaneously.
Minutes flash.
- To select minutes press and button.
- To confirm press and buttons simultaneously or wait.



CHILD PROOF

ON:

- To activate press and buttons simultaneously.
- displayed and the hand-held transmitter is rendered inoperable, except for the off function.

OFF:

- To deactivate press and buttons simultaneously.
- disappears.

OPERATING INSTRUCTIONS

IMPORTANT: SETTING UP SIGNAL CODE BEFORE USING THE APPLIANCE FOR THE FIRST TIME

Before the appliance can be used, the receiver must first learn the hand-held transmitter's signal code.

- Press the “**RESET**” button on the receiver, and keep this pressed until 2 beeps are heard. See figure 3.
Release the “**RESET**” button after the second (somewhat longer) beep.
- Press, within 20 seconds, the  button (small flame) on the hand-held transmitter, until 2 short beeps are heard. The signal code has now been set up on the receiver.
If, however, a single long beep is heard, this means that setting the signal code has failed or that the wiring has been connected incorrectly.

You only need to set up the signal code once. It is not necessary when changing the batteries of the hand-held transmitter or receiver.

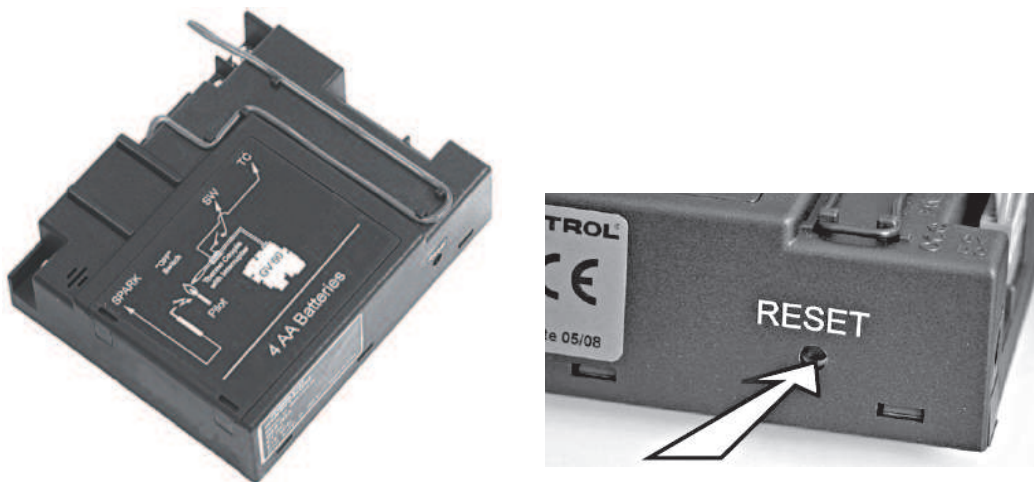


Figure 3: Receiver “RESET” button

Burner:

The appliance's entire burner consists of a “front burner” and a “rear burner”.
Burner operation described below applies to:

- 1 Both “front burner” and “rear burner”.
(The  -symbol (AUX -function) on the hand-held transmitter's display is visible.)

or

- 2 Only “front burner”. The “rear burner” is turned off.
(The  -symbol (AUX -function) on the hand-held transmitter's display is not visible.)

OPERATING INSTRUCTIONS

MANUAL MODE (HAND-HELD TRANSMITTER)

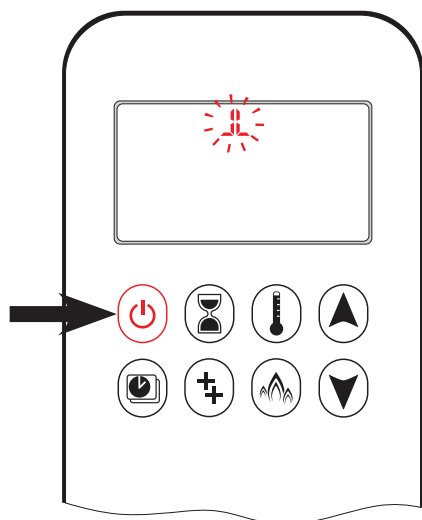
SWITCH ON THE APPLIANCE / IGNITING THE FIRE

- Open the gas supply valve in the gas pipe to the fire.



Warning

When the pilot light is ignited, the motor turns automatically to maximum flame height.



Hand-Held Transmitter One-Button Operation (Default Setting)

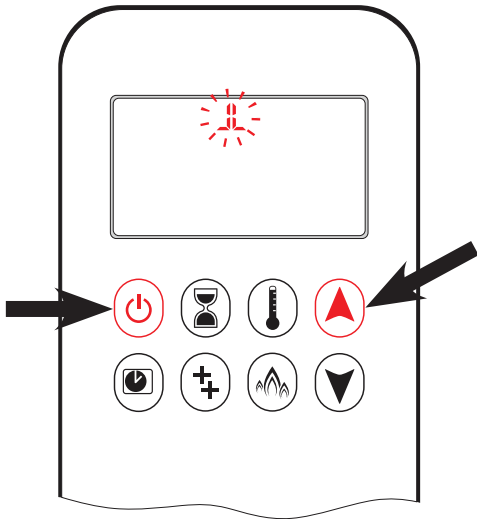
- Press  button until two short beeps and a blinking series of lines confirms the start sequence has begun; release button.
- Main gas flows once pilot ignition is confirmed.
- Hand-held transmitter automatically goes into Manual Mode after main burner ignition.



Note

Change from one-button to two-button ignition operation by pressing and holding  button for 10 sec. immediately after installing batteries. **ON** is displayed and **1** is flashing. When change is complete **1** will change to **2**.

OPERATING INSTRUCTIONS



Hand-Held Transmitter Two-Button Operation

- Press ⏻ and ▲ button simultaneously until two short beeps and a blinking series of lines confirms the start sequence has begun; release buttons.
- Main gas flows once pilot ignition is confirmed.
- Hand-held transmitter automatically goes into Manual Mode after main burner ignition.



Note

Change from two-button to one-button ignition operation by pressing and holding ⏻ button for 10 sec. immediately after installing batteries.

ON is displayed and **2** is flashing. When change is complete **2** will change to **1**.

Important:



- If the pilot flame goes out for any reason, wait for **5 minutes** before attempting to re-light it.
- If the pilot light does not ignite after 3 ignition attempts; close the gas tap and warn the fitter.
- Once the pilot light is burning, the main burner must ignite **within 10 seconds** automatically. If this does not happen, **immediately** close the gas tap and warn the fitter.
- If the main burner ignites with a pop; **immediately** close the gas tap and warn the fitter.

OPERATING INSTRUCTIONS

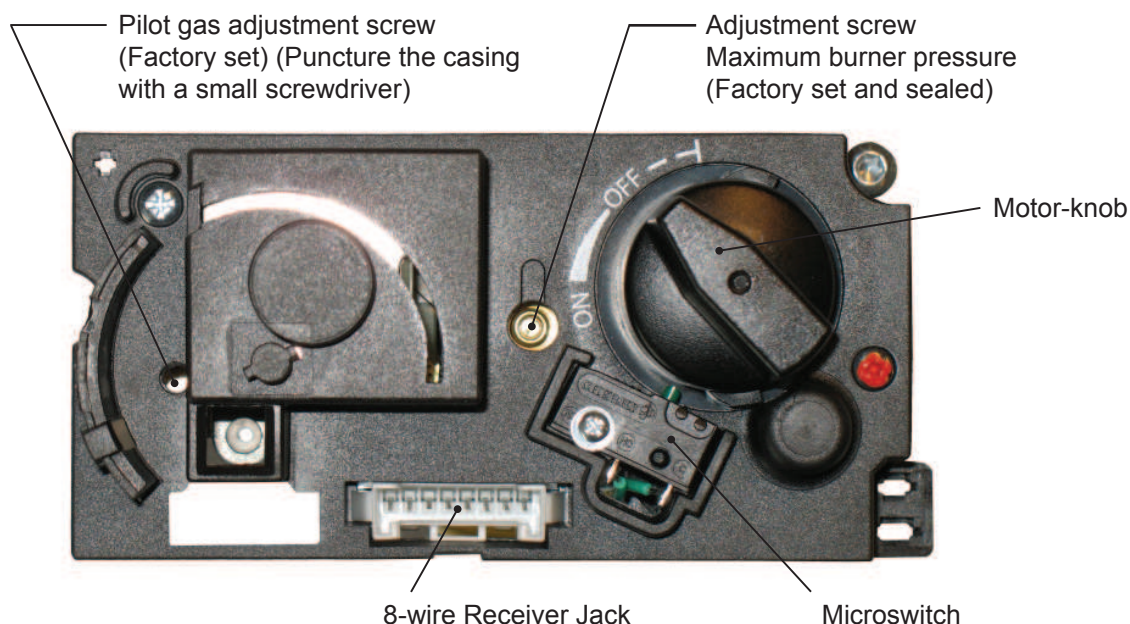


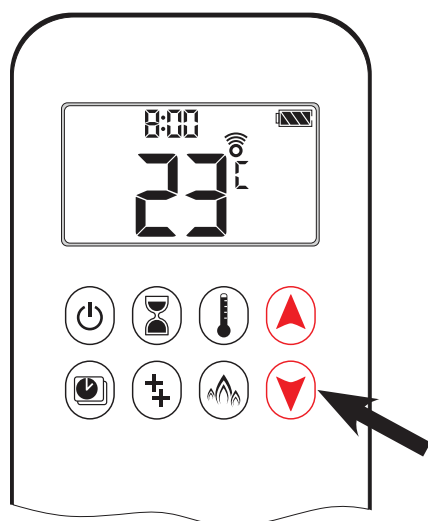
Figure 4: Gas regulating block

- Possible error messages:
 - * 3 seconds: short beeps, audible when the motor-knob operates:
Receiver batteries need changing soon (having heard this signal, the appliance can be ignited another ten times approximately).
 - * 5 seconds: unbroken beeps:
Error. For example, one of the cables may not be properly connected.

Important: If the pilot flame goes out, then wait for at least 5 minutes before repeating the above procedure.



STAND-BY MODE (PILOT LIGHT)

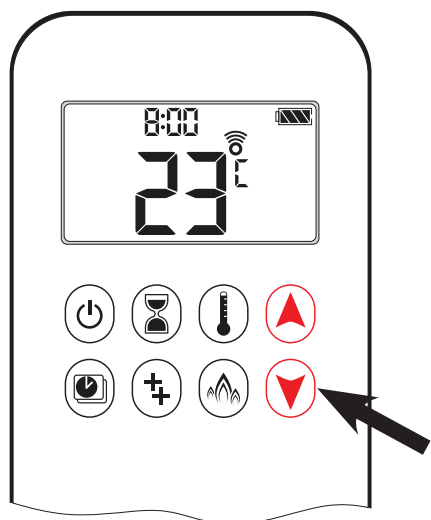


- Press ▼ button and hold to set appliance to pilot light.

We recommend to let the pilot light burn in the winter months, to prevent condensation on the inside of the glass.

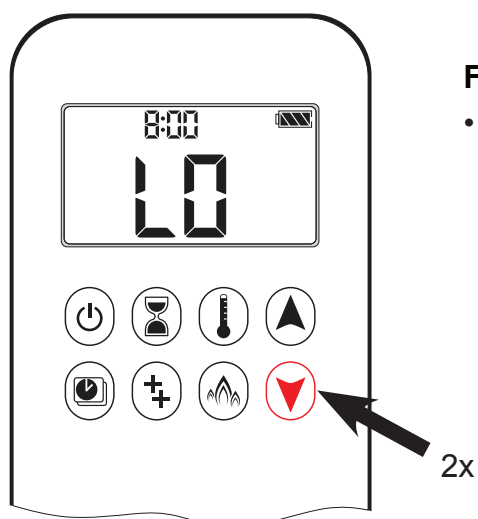
OPERATING INSTRUCTIONS

SETTING THE FLAME HEIGHT / EXTINGUISHING THE FIRE (STAND-BY)



Gradually decrease flame height / Extinguishing the fire

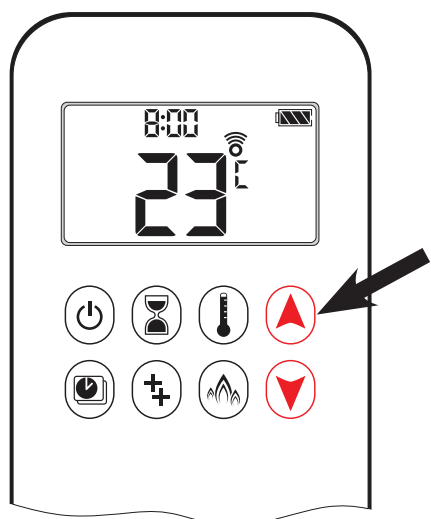
- After ignition, the burner automatically sets the flames to the maximum height.
- Press ▼ button to lower the flames and to turn off the burner. (Extinguishing the fire: Press ▼ button and hold: pilot light remains burning (standby position)!) (Pressing briefly the ▼ button gradually lowers the flames to the low position.)



Flame height directly to minimum position

- Pressing the ▼ button twice, automatically lowers the flames to the low position. (When this happens, the flames will first automatically go to maximum!) This is indicated by "LO" on the display.

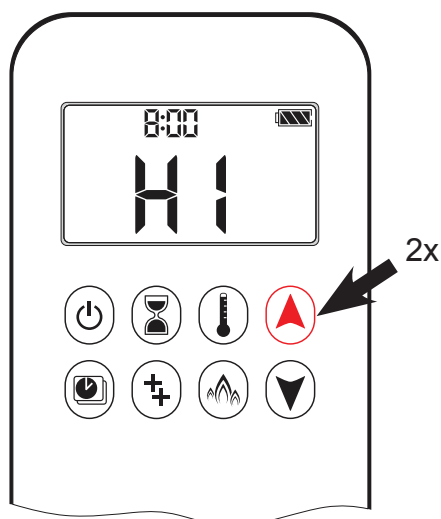
Note: Backlight must be on for high fire and low fire double-click operation!



Gradually increase flame height

- Press ▲ button and hold to increase the flame level and to turn on the burner from the stand-by position. (Pressing briefly the ▲ button gradually increases the flames to the high position.)

OPERATING INSTRUCTIONS



Flame height directly to maximum position

- Pressing the ▲ button twice automatically increases the flames to the high position. This is indicated by “H I” on the display.

Note: Backlight must be on for high fire and low fire double-click operation!

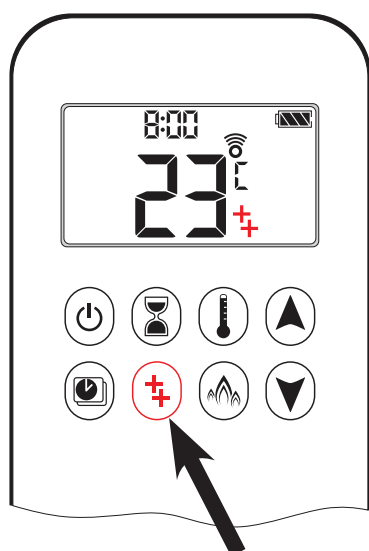
Important:



- If you turn on the burner by pressing the ▲ button, it must ignite within 10 seconds. If this does not happen, immediately close the gas tap and warn the fitter.
- If the burner ignites with a pop; immediately close the gas tap and warn the fitter.

TURNING THE “REAR BURNER” ON AND OFF

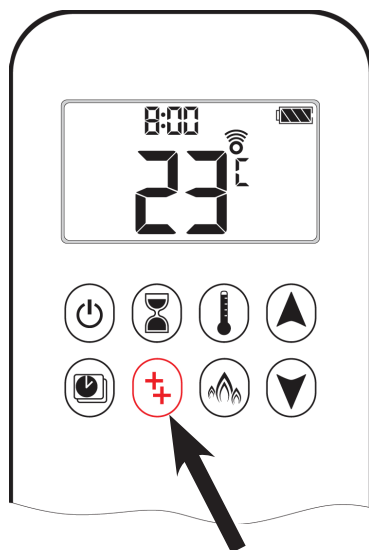
After igniting the pilot light and the burner, the “front burner” is turned on (ON) and the “rear burner” remains in the last chosen setting.



Turning on the “rear burner”

- Press ⊞ button to turn the “rear burner” ON. The ⊞-symbol (AUX -function) appears on the hand-held transmitter’s display.

OPERATING INSTRUCTIONS



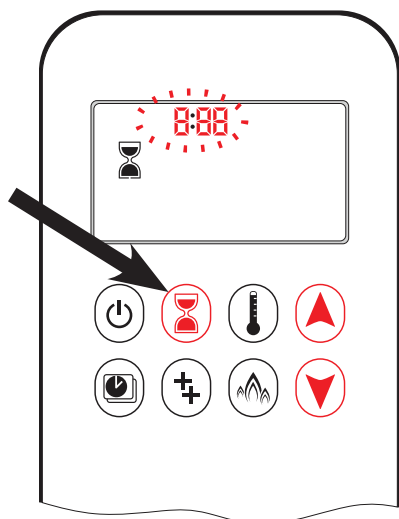
Turning off the “rear burner”

- Press  button to turn the “rear burner” OFF. The  -symbol (AUX -function) disappears on the hand-held transmitter’s display.

Notes:

- 1 The “rear burner” always remains in the last switching position chosen.
- 2 Also when the receiver’s batteries are depleted the “rear burner” remains in the last chosen setting.

COUNTDOWN TIMER



ON/SETTING

- Press  button and hold until  displayed, and **hour** flashes.
- To select hour press  or  button.
- To confirm press  button. **Minutes** flash.
- To select minutes press  or  button.
- To confirm press  button or wait.

OFF

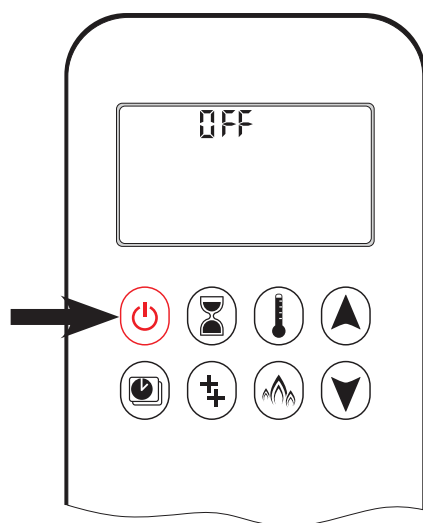
- Press  button,  and countdown time disappear.

Note:

At end of countdown time period, the fire turns completely off. The Countdown Timer only works in Manual, Thermostatic, and Eco Modes. Maximum countdown time is 9 hours and 50 minutes.

OPERATING INSTRUCTIONS

TURNING OFF THE APPLIANCE COMPLETELY



Hand-held transmitter

- Press  button to turn off.
- If the appliance is not to be used for some time, please close the gas supply valve in the gas pipe.

Note:

There is a 5 seconds delay before the next ignition is possible.

Important:



If the pilot flame goes out for any reason, wait for **5 minutes** before attempting to re-light it.

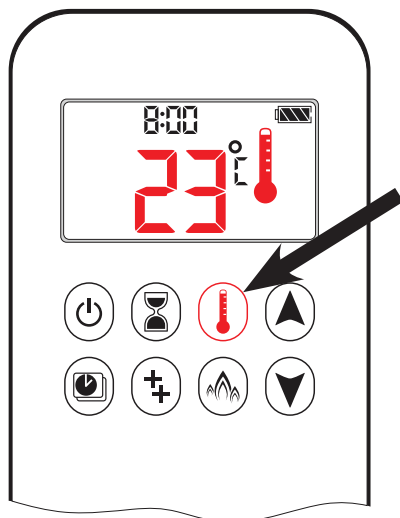
Automatic shut off

The pilot automatically extinguishes when the appliance is inactive for a period of 7 days.

This green feature eliminates gas energy consumption during extended appliance inactivity. It helps to realize cost benefits by automatically eliminating energy consumption during non-heating months and limited use.

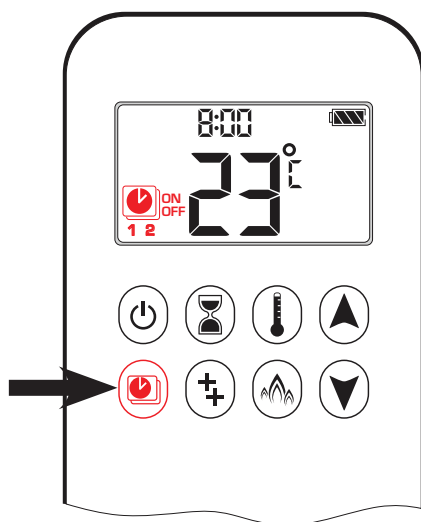
OPERATING INSTRUCTIONS

MODES OF OPERATION



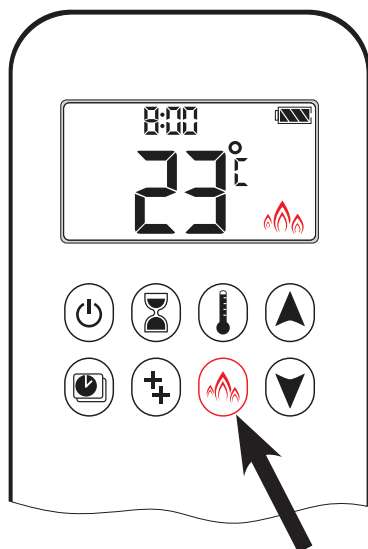
Thermostatic Mode

The room temperature is measured and compared to the set temperature. The flame height is then automatically adjusted to achieve the set temperature.



Program Mode

PROGRAMS 1 and 2, each can be programmed to go on and off at specific times at a set temperature.

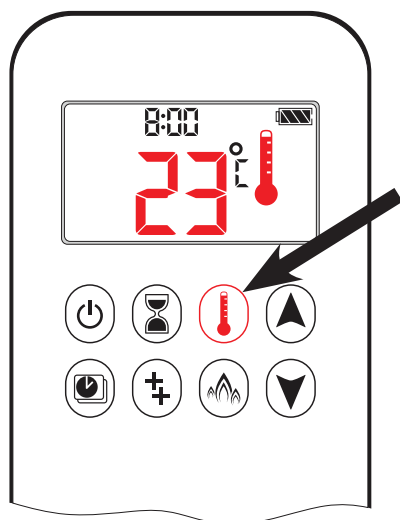


Eco Mode

Flame height modulates between high and low. If the room temperature is lower than the set temperature, the flame height stays on high for a longer period of time. If the room temperature is higher than the set temperature, the flame height stays on low for a longer period of time. One cycle lasts approx. 20 min.

OPERATING INSTRUCTIONS

THERMOSTATIC MODE

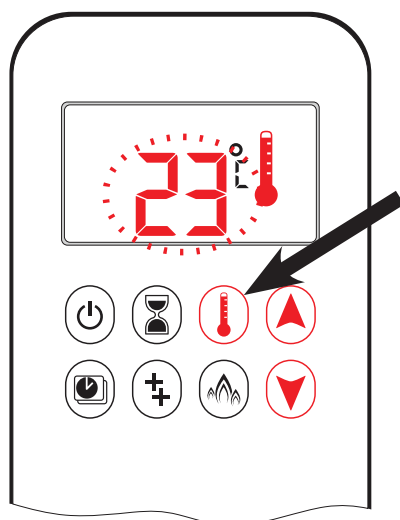


ON

1. Press button.
2. displayed, preset temperature displayed briefly, and then room temperature displayed.

OFF

1. Press button.
2. Press or button to enter Manual Mode.
3. Press button to enter Program Mode.
4. Press button to enter Eco Mode.



SETTING

1. Press button and hold until displayed, temperature flashes.
2. To adjust set temperature press or button.
3. To confirm press button or wait.

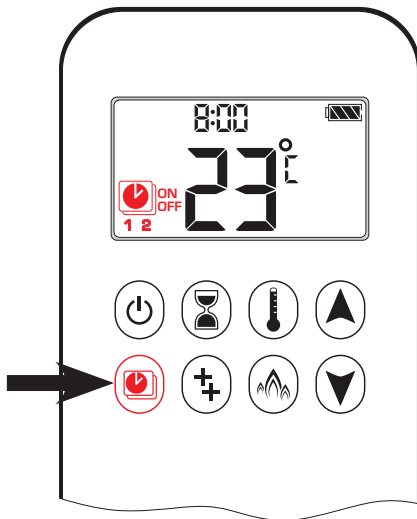
Important:



Place the hand-held transmitter in a place that is not influenced by direct sunlight, draught, heat from the appliance and other heat sources.

OPERATING INSTRUCTIONS

PROGRAM MODE



ON

1. Press  button.
2. , 1 or 2, **ON** or **OFF** displayed.

OFF

1. Press  or  or  button to enter Manual Mode.
2. Press  button to enter Thermostatic Mode.
3. Press  button to enter Eco Mode.

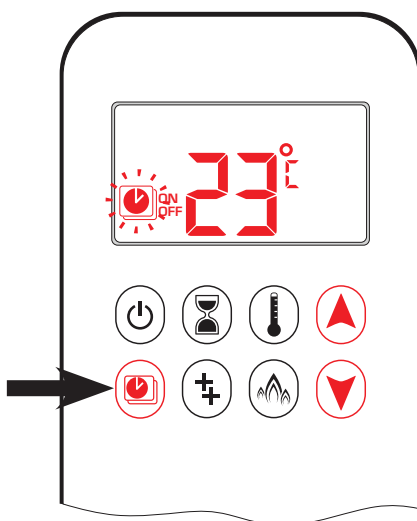
Note:

The set temperature for Thermostatic Mode is the temperature for the on time in Program Mode. Changing the Thermostatic Mode set temperature also changes the on time temperature in Program Mode.

Default settings

ON TIME (Thermostatic) TEMPERATURE: 21 °C (70 °F)

OFF TIME TEMPERATURE: “--” (pilot light only)



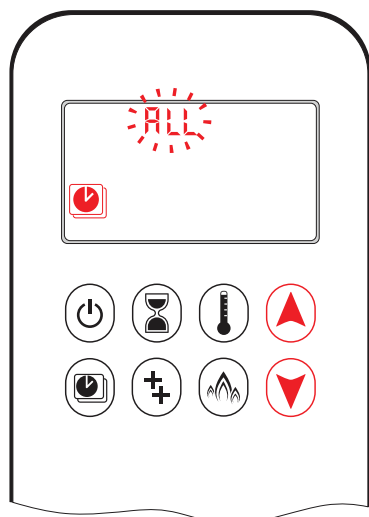
TEMPERATURE SETTING

1. Press  button and hold until  flashes.
ON and set temperature (setting in Thermostatic Mode) displayed.
2. To continue press  button or wait.
, **OFF** displayed, temperature flashes.
3. Select off temperature by pressing the  or  button.
4. To confirm press  button.

Note:

The on (Thermostatic) and off set temperatures are the same for each day.

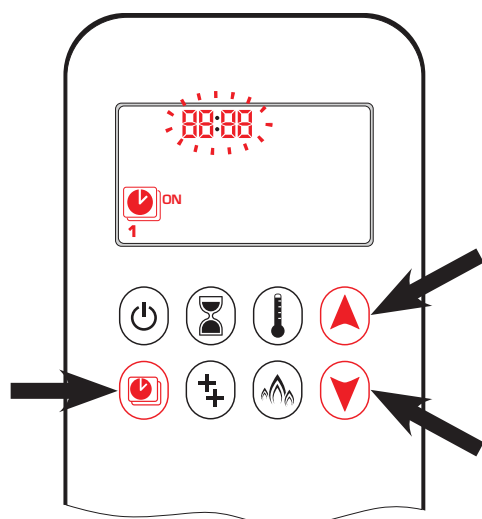
OPERATING INSTRUCTIONS



DAY SETTING

5. ALL flashes. Press ▲ or ▼ button to choose between ALL, SUND, 1, 2, 3, 4, 5, 6, 7.
6. To confirm press ◻ button.

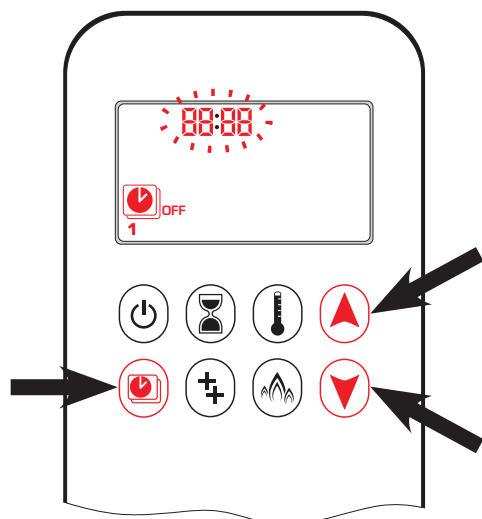
ALL selected



ON TIME SETTING

(PROGRAM 1)

7. ◻, 1, ON displayed, ALL is displayed shortly, and **hour** flashes.
8. To select hour press ▲ or ▼ button.
9. To confirm press ◻ button.
- ◻, 1, ON displayed, ALL displayed shortly, and **minutes** flash.
10. To select minutes press ▲ or ▼ button.
11. To confirm press ◻ button.



OFF TIME SETTING

(PROGRAM 1)

12. ◻, 1, OFF displayed, ALL is displayed shortly, and **hour** flashes.
13. To select hour, press ▲ or ▼ button.
14. To confirm press ◻ button.
- ◻, 1, OFF displayed, ALL displayed shortly, and **minutes** flash.
15. To select minutes press ▲ or ▼ button.
16. To confirm press ◻ button.

OPERATING INSTRUCTIONS

Note:

Either continue to PROGRAM 2 and set on and off times or stop programming at this point, and PROGRAM 2 remains deactivated.

Note:

PROGRAM 1 and 2 use the same on (Thermostatic) and off temperatures for ALL, SAT/SU and Daily Timer (1, 2, 3, 4, 5, 6, 7).

Once a new on (Thermostatic) and/or off temperature has been set, that temperature becomes the new default setting.

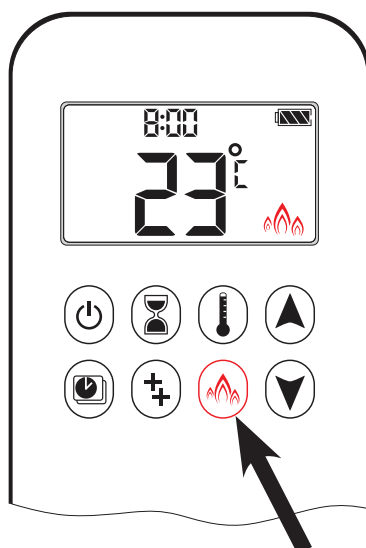
Note:

If ALL, SAT/SU or Daily Timer are programmed for PROGRAM 1 and PROGRAM 2 on and off times, these become the new default times. The batteries must be removed to clear the PROGRAM 1 and PROGRAM 2 on and off times and temperatures.

SAT/SU or Daily Timer (1, 2, 3, 4, 5, 6, 7) selected

- Set on time and off time using same procedure as “ALL selected” (above).
- SAT/SU: Set on time and off time for both Saturday and Sunday.
- Daily Timer: Unique on and off times may be set for a single day of the week, for multiple days of the week, or for every day of the week.
- Wait to finish setting.

ECO MODE



ON

- Press button to enter Eco Mode.
- The symbol appears.

OFF

- Press button.
- The symbol disappears.

OPERATING INSTRUCTIONS

Faults

- If the signals from the hand-held transmitter do not seem to be reaching the receiver, the cause may be:
 - * Spent batteries: replace the batteries.
 - * An electronic problem: press the **“RESET”** button on the receiver.
- If the appliance regularly switches itself off, please contact your installer.

Replacing the batteries

- If the batteries are inserted incorrectly, the electronics or drive may be irreparably damaged.
- Only replace the batteries when the appliance has been completely switched off.
- The hand-held transmitter/receiver batteries have a service life of approx. one year. We recommend you use alkaline batteries. Rechargeable batteries are not permitted.
- If the receiver's batteries are nearly empty, the system will turn the appliance off completely. This will not occur if the receiver is connected to an AC power adaptor (6V) (option).
- The batteries must be replaced whenever:
 - 1 Hand-held transmitter : The battery symbol indicates this in the display.

 : Battery fully charged

 : Battery empty
 - 2 Receiver: 3 seconds: short beeps, audible when the motor-knob operates.
- 1 Hand-held transmitter:
 - * Open the cover on the back of the transmitter.
 - * Remove the batteries from the battery compartment.
 - * Place two new 1.5V batteries (LR03 or AAA type) as indicated in the battery compartment.
 - * Close the cover.
- 2 Receiver:
 - * Carefully pull the receiver assembly out of the compartment.
 - * Open the cover.
 - * Remove the batteries from the battery compartment.
 - * Place four new 1.5V batteries (LR06 or AA type) as indicated in the battery compartment. The negative end (-) of the battery must always be at the contact spring end of the compartment.
 - * Close the cover and place the receiver back in its holder.

USING THE APPLIANCE FOR THE FIRST TIME

The appliance is coated with a lacquer layer resistant to high temperature.

During the first hours of operation, the burning in of the lacquer may result in an unpleasant smell. This is harmless, however. Operating the appliance at full capacity for a few hours, while ventilating the room, will eliminate the smell.

After using your appliance for the first few times, you may be aware of a light deposit on the inside of the glass. This is caused by the paint curing. Once your appliance has cooled down, this deposit can be removed with glass spray or ceramic glass cleaner.

WARNING: Turn off gas before servicing fireplace. It is recommended that a certified gas technician perform these check-ups at the beginning of the heating season.

IMPORTANT: Use only original Bellfires components when replacing damaged parts of the appliance.

DAILY MAINTENANCE

- Ensure that as little dust, and as few particles of cigarette smoke, candles and oil lamps as possible pollute the air in the room in which the appliance is used. Heating of these particles by the convection system of the appliance could lead to discoloration of the walls and ceiling. It is therefore very important to ensure that the room in which the appliance is located is sufficiently ventilated. Regularly remove any dust deposits from behind the facade (top and bottom sides) by means of a vacuum cleaner.

IMPORTANT: Regularly clean the glass on the inside of the appliance with glass spray or ceramic glass cleaner. (See installation instructions for dismantling/assembling the glass.)

WARNING!:

- If the glass is not cleaned on time, this can result in becoming dull and difficult, if not impossible, to clean.
- Careful with glass cleaner ! Make sure that no glass cleaner liquid flows in the sealing of the inside of the glass pane at the bottom of the door. Spray each time a little glass cleaner liquid on the glass, and polish it off immediately. Glass cleaner liquid in the sealing of the door can cause dissolving of the black border on the inside of the glass. It will become very spotty and can't be repaired.

WARNING!:

If the glass is broken or cracked, it must be immediately replaced before operating the appliance again.

Broken ceramic heat-resistant glass may not be disposed in a glass recycling container, but must be included in normal household waste.

- If anything is spilt on the fire, switch it off immediately and wait for it to cool down sufficiently before cleaning. Never use scouring powder, aggressive cleaners or fire polish on the gas fire. Use only a dry lint free cloth.
- Heat resistant lacquer in aerosols can be obtained from your distributor. During the yearly maintenance, the lacquer can be used to repair small areas of damage.

WARNING: If the barrier (fireguard) is damaged, it must be replaced with an identical barrier (fireguard). Contact your dealer for replacement.

ANNUAL MAINTENANCE

It is essential that the appliance, the complete concentric flue system (where possible) and the outlet are cleaned and inspected annually by a certified gas technician. The safe operation of the appliance will thus remain guaranteed.

Please refer also to the Installation instructions that are supplied separately with the appliance.

IMPORTANT: The barrier (fireguard) must be replaced prior to operating the appliance.

IMPORTANT: Verify proper operation after servicing.

CLEANING AND MAINTENANCE

BURNER, PILOT AND CONTROL COMPARTMENT

Keep the control compartment and burner areas surrounding the wood logs, pebbles or glass clean by brushing or vacuuming at least once a year. Make sure the burner porting, pilot air opening and burner air opening are free of obstructions at all times.

PILOT FLAME

Periodically check the pilot flame during normal operation. The pilot must always be present during normal operation. See figure 5.

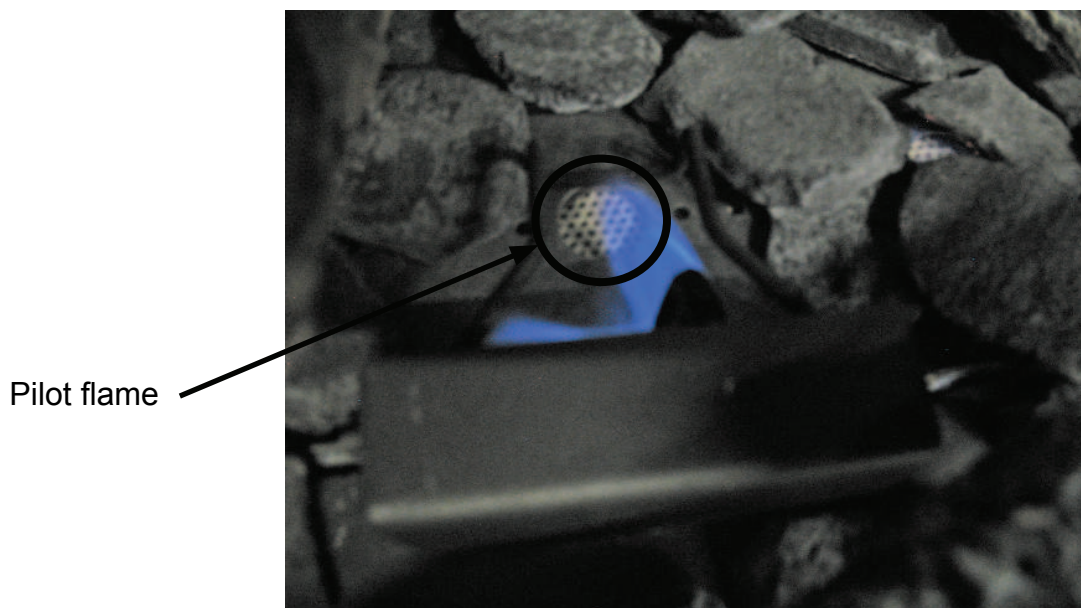


Figure 5: Pilot flame

BURNER FLAME

Check periodically the burner flames during normal operation. After approximately 30 minutes after ignition, at full rate, the flames should be yellow and the appearance should be as in figure 6.



Figure 6: Burner flame appearance Centre Fire

Note: The flame appearance may vary, since this is dependent on the type of installation, vent, system configuration. Also wind may have an effect on the flame appearance.

VENT

Check the venting system at least once a year to ensure that nothing is blocking an unrestricted flow of the combustion air and the flue gasses. Also check regularly that nothing is blocking the ventilation air (=convection air) flow.

Warranty terms

Barbas Bellfires B.V. develops and manufactures all Bellfires hearths to the highest possible quality standards. All Bellfires hearths (product) are warranted against defects in material and workmanship by Barbas Bellfires B.V., subject to the following conditions.

Article 1: Warranty

- 1.1. Barbas Bellfires B.V. will repair or replace, at its option, any parts which upon examination of a Bellfires dealer are found to be defective, subject to the conditions, limitations and exclusions listed under Article 3 and Article 6.
- 1.2. Repair or replacement of the Bellfires product will be undertaken by a Bellfires dealer as designated by our local importer, at the purchaser's expense.

Article 2: Warranty Terms

- 2.1. Should you wish to claim under the Warranty, please contact your Bellfires dealer.
- 2.2. Complaints should be reported immediately upon discovery.
- 2.3. Claims will only be accepted if they are reported to the Bellfires dealer together with the serial number of the Bellfires hearth which is stated on the front of the instructions for use.
- 2.4. In addition, the original receipt (invoice, receipt, cash receipt) showing the date of purchase must also be submitted.
- 2.5. Repairs and replacements during the Warranty Period do not give any entitlement to an extension of the Warranty Period. After a repair or replacement of Warranty parts, the warranty period shall be deemed to have started on the date of purchase of the product by the consumer.
- 2.6. If a certain part is eligible for the Warranty and the original part is no longer available, Barbas Bellfires B.V. shall ensure that an alternative part of at least the same quality shall be provided.
- 2.7. Any labour, travel and shipping costs related to Warranty replacement or repair are at the purchaser's expense.

Article 3: Warranty Exclusions

- 3.1. The Warranty on the Bellfires product ceases to be in effect if:
 - a. it is not installed according to the supplied installation instructions, and to national and/or local regulations;
 - b. it has been installed, connected or repaired by a non-Bellfires dealer;
 - c. it has not be used or maintained according to the instructions for use;
 - d. it has been changed, neglected or roughly treated;
 - e. it has been damaged as a result of external causes (outside the hearth itself), for example, lightning strike, water damage or fire;
- 3.2. In addition, the Warranty ceases to be in effect if the original purchase receipt shows any change, deletion, removal or if it is illegible.
- 3.3. This Warranty does not cover damage to the barrier (safety screen), log breakage or damage to the product while in transit.

Article 4: Warranty Area

- 4.1. The Warranty is in effect only where Bellfires product is sold through the official Bellfires dealer network.

Article 5: Warranty Period

- 5.1. This Warranty will only be granted during the Warranty Period, as defined in Article 6.

Article 6: Warranty Limitations

- 6.1. **Limited Lifetime Warranty on Body and Main Burner:** The body and main burner of the Bellfires hearth are warranted against defects in construction, materials or workmanship, during the period in which the product is owned by the original owner and installed in the original installation location.
- 6.1.1 During the first 10 years Barbas Bellfires B.V. will provide a replacement body or burner free of charge (subject to labour costs and shipping costs at the expense of the purchaser). After 10 years from date of purchase, Barbas Bellfires B.V. will provide a replacement body or burner at 50% of the current published retail price.
- 6.1.2 This Limited Lifetime Warranty is not transferrable.
- 6.1.3 The Limited Lifetime Warranty does not include replacement for discoloration due to corrosion or for other normal wear and tear.
- 6.1.4 The Limited Lifetime Warranty of the main burner does not include the pilot burner, thermocouple or burner mat.
- 6.2. **One-year parts warranty:** All other parts of the Bellfires hearth are warranted for a period of one year from date of purchase by the consumer.
- 6.3. **Warranty until after first burning:** Wear items such as glass, glass cord, and the paint, are warranted against manufacturer's defects up until the time the Bellfires hearth is first fired.

Article 7: Limitation of Liability

- 7.1. Barbas Bellfires B.V. makes no express warranties except as stated in this Warranty. Barbas Bellfires' sole obligation and the purchaser's exclusive remedy under this Warranty, or under any other express or implied warranty, in tort, contract or otherwise, is limited to the replacement, repair, or refund of parts as specified in this Warranty. In no event is Barbas Bellfires B.V. responsible for an incidental, consequential or special damages or expenses caused by defects in the Bellfires hearths, whether such damages occurs or is discovered before or after any replacement and repair provided under this Warranty. Barbas Bellfires B.V. makes no representation or warranty, express or implied, of fitness for a particular use or purpose.
- 7.2. The provisions of these Warranties are in addition to and not a modification of or subtraction of any statutory warranties or other rights and remedies provided by law.
- 7.3. All agreements entered into by Barbas Bellfires B.V. are, unless specifically stated otherwise in writing and to the extent that they are permitted based on applicable law, subject to the Dutch FME-CWM association general sales and delivery conditions for the technology industry.

Barbas Bellfires B.V.
Hallenstraat 17
5531 AB Bladel
The Netherlands
Tel: +31-497339200
Email: info@Bellfires.com

Carefully retain the instructions for use; they show the serial number of the hearth. You will need this if you wish to claim under the warranty.

bellfires. gas fires

FOR YOUR BELLFIRES DEALER

VISIT

www.neefireplaces.ca

OR

www.neefoyers.ca

Serial number:

Production date:

06 - 010721 - 337360