

OPERATING MANUAL

INSTALLER:

Leave this manual with the appliance.

CONSUMER:

Retain this manual for future reference.

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

FOR YOUR SAFETY

Do not store or use gasoline or other flammable vapours 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 neighbour'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, manufactured home (USA only) or mobile home, where not prohibited by local codes.

This appliance is only for use with the type of gas indicated on the rating plate. This appliance is not convertible for use with other gases unless a certified kit is used.

This appliance is suitable for installation in a bedroom or bed sitting room.



Serial #

TOFINO OPERATING INSTRUCTIONS



MODEL: TOFINO i20
(SIT & Maxitrol versions)

SERIES: A

DIRECT VENT GAS INSERT



Visit www.pacificenergy.net for the most recent version of this manual

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Caution

FOR YOUR SAFETY - Do not install or operate your Pacific Energy fireplace without first reading and understanding this manual. Any installation or operational deviation from the following instructions voids the Pacific Energy Fireplace Warranty and may prove hazardous.

This appliance and its individual shut off valve must be disconnected from gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psig (3.5 kPa).

This appliance must be isolated from the gas supply piping system by closing its individual manual shut off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psig (3.5 kPa).

Note: When lit for the first time, the appliance will emit a slight odour for a couple of hours. This is due to the curing of paints, sealants and lubricants used in the manufacturing process. This condition is temporary. Open doors and windows to ventilate area. Smoke and fumes caused by the curing process may cause discomfort to some individuals.

Do not use the fireplace if any part has been under water. Immediately call a qualified service technician to inspect the fireplace and to replace any part of the control system and any gas control which has been under water.

This fireplace is equipped with a micro mesh safety screen for your protection and must be installed with the unit. Removal of the safety screen will cause the fireplace to become a burn hazard.



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 the appliance and shall be installed for the protection of children and other at-risk individuals.

Safety

- Due to high temperatures, this gas appliance should be located out of traffic and away from furniture and draperies.
- Children and adults should be alerted to the hazards of high surface temperatures and should stay away to avoid burns or clothing ignition.
- Young children should 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. 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.
- Clothing or other flammable material should not be placed on or near the appliance.
- A barrier designed to reduce the risk of burns from the hot viewing glass is provided with the Surround Kit component and shall be installed.
- If the barrier becomes damaged, the barrier shall be replaced with the manufacturers barrier for this appliance.
- Any grill, panel or door removed for servicing the unit must be replaced prior to operating.
- Installation and repair should be done by a qualified service person. The appliance should be inspected before use and at least annually by a professional service person. More frequent cleaning may be required due to excessive lint from carpeting, bedding material, etc. It is imperative that control compartments, burners and circulating air passageways of the appliance be kept clean.
- This appliance must not be connected to a chimney flue serving a separate solid fuel burning appliance.
- It is our policy that no responsibility is assumed by the Company or by any of its employees or representatives for any damages caused by an inoperable, inadequate, or unsafe condition which is the result, either directly or indirectly, of any improper operation or installation procedures.

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.

Congratulations on your purchase of a Pacific Energy Gas Appliance.

Your fireplace has been professionally installed by:

Dealer name: _____

Phone Number: _____

If you discover any problems with your gas appliance contact your dealer immediately to have the unit repaired.

Caution: Do not attempt to repair the fireplace because you may cause injury to yourself or others, and risk causing damage to the unit.

Before operating your appliance carefully read this manual and pay close attention to all Safety Warnings.

The manual contains important information on the unit's safe operation and maintenance.

First Fire

When lit for the first time, the fireplace will emit a slight odour for a couple of hours. This is due to the curing of paints, sealants and lubricants used in the manufacturing process. This condition is temporary. Open doors and windows to ventilate area. Odour caused by the curing process may cause discomfort to some individuals.

It is normal for fireplaces fabricated of steel to give off some expansion and/or contraction noises during the start up or cool down cycle. Similar noises are found with your furnace heat exchanger or cook stove oven.

NOTE: Fireplace may take up to 30 seconds to ignite each time the "ON" button has been selected

Warnings and Cautions

WARNING

Fire Hazard. Can cause severe injury or death

The Receiver causes ignition of the appliance. The appliance can turn on suddenly. Keep away from the appliance burner when operating the remote system or activating manual bypass of the remote system.

WARNING

Shock Hazard. Can cause severe injury or death

This device is powered by line voltage. Do not try to repair this device. In no way is the enclosure to be tampered with or opened. Disconnect from line voltage before performing any maintenance.

Remote Control Operation (SIT Proflame)

System Description

The Proflame 2 Remote Control System consists of two elements:

1. Proflame 2 Remote Control Transmitter.
2. Proflame Integrated Fireplace Control (IFC) (Figure 3) board and a wiring harness to connect the IFC to the gas valve and stepper motor.

Transmitter (Remote Control with LCD Display)

The Proflame 2 Transmitter uses a streamline design with a simple button layout and informative LCD display (Figure 1). The transmitter is powered by 3 AAA type batteries. A Mode key is provided to Index between the features and a Thermostat key is used to turn on/off or index through thermostat functions (Figure 1 and Figure 2).

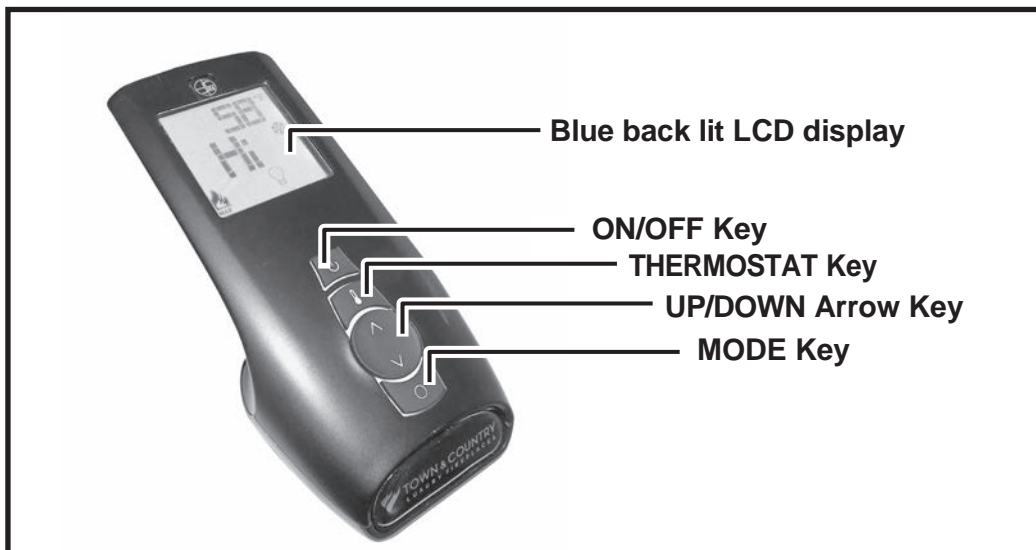


Figure 1: Proflame 2 handset.

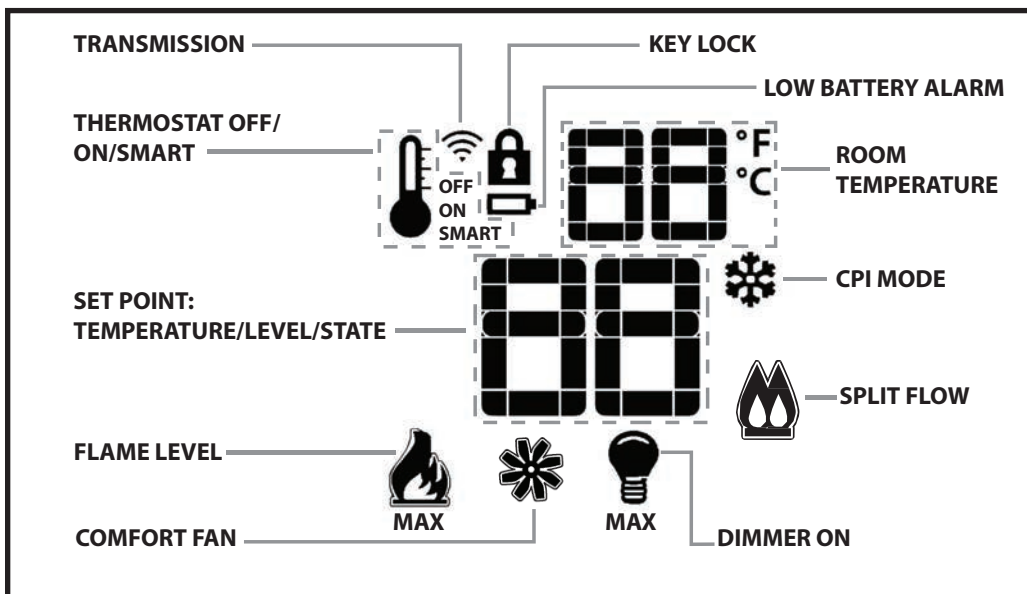


Figure 2: Proflame 2 LCD display.

IFC Module

The Proflame 2 Integrated Fireplace Control (IFC) module (Figure 3) is a device that allows automatic ignition and pilot flame supervision, and commands the functions of the hearth Heater. It's configured to control the ON/OFF main burner operation, giving the choice of both IPI (intermittent pilot ignition), and CPI (continuous pilot ignition) modes. The Proflame 2 IFC module controls and connects directly to the pilot assembly and the automatic valve using low electric power.

The IFC module can be powered by both an AC power supply, and battery pack for back up. The Proflame 2 offers the added ability to control the comfort fan speed from OFF through six (6) speeds, a remotely actuated auxiliary outlet and a dimmable light outlet. The external batteries can provide DC power to the IFC allowing the batteries to be used only when line power is interrupted or lost.

Operating Procedure

Initializing the system for the first time.

1. Install 4 AA batteries into the battery holder located behind the electronic control module on the pull - out caddy.
2. Install 3 AAA batteries into the Proflame 2 Remote Transmitter (Figure 1).
3. Plug the power cord into the Tofino and open the gas supply line.
4. With the front surround (Figure 47 on page 27) and backing plate (Figure 48 on page 27) removed, press the button marked "PRG" on the caddy (Figure 4) once. The module will beep 3 times indicating that it is ready to synchronize with a remote transmitter.
5. On the remote transmitter, push the power on button once. The remote transmitter will beep 4 times to indicate that the remote transmitter and the control module are now synchronized. The remote transmitter is now ready to use.

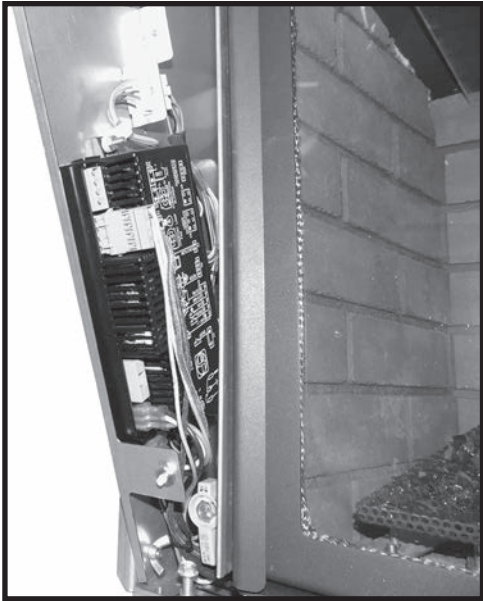


Figure 3: SIT electronic controller (IFC) mounted onto caddy.

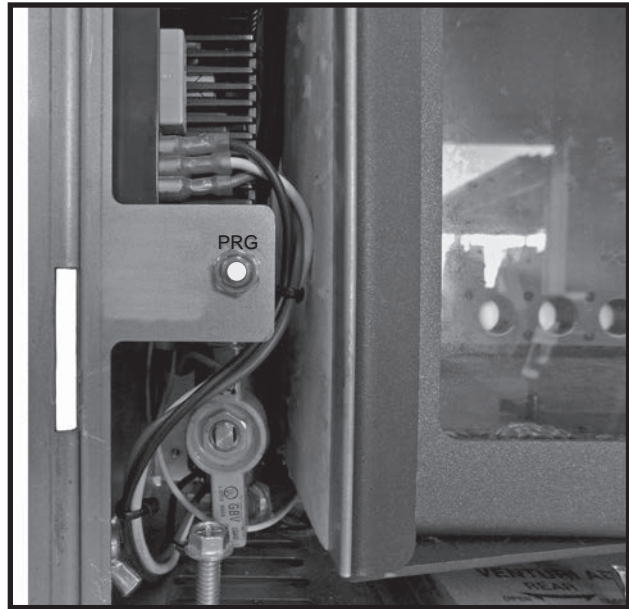


Figure 4: Program button.



Figure 5: On Off switch for SIT units.

Temperature indication Display

With the system in the “OFF” position, press the Thermostat Key and the Mode Key at the same time. Look at the LCD screen on the transmitter to verify that a C or F is visible to the right of the Room Temperature display (Figure 6 and Figure 7).

Turn on the Fireplace

With the system OFF, press the ON/OFF Key on the remote transmitter. The remote transmitter display will show some other active Icons on the screen. At the same time the Receiver will activate the Heater. A single “beep” from the Receiver (module) will confirm reception of the command.

Turn off the Fireplace

With the system ON, press the ON/OFF Key on the Remote transmitter. The Remote transmitter LCD display will only show the room temperature (Figure 6 and Figure 7). At the same time the Receiver (module) will turn off the Heater. A single “beep” from the Receiver confirms reception of the command.

Manual Bypass of the Remote System

If the batteries of the receiver or remote transmitter are low or depleted, the Heater can be turned off manually using ON/OFF switch located on the left hand side of the backing plate (Figure 5). This will bypass the remote transmitter.

Key Lock

This function will lock the keys to avoid unsupervised operation. To activate this function, press the MODE and UP keys at the same time. The lock icon will appear (Figure 8). To de-activate this function, press the MODE and UP keys at the same time.

Room Thermostat (Transmitter Operation)

The Remote Control can operate as a room thermostat. The thermostat can be set to a desired temperature to control the comfort level in a room.

To activate this function, press the Thermostat key (Figure 1). The LCD display on the transmitter will change to show that the room thermostat is “ON” and the set temperature is now displayed (Figure 9). To adjust the set point, press the up or down arrow keys until the desired set point temperature is displayed on the LCD screen of the transmitter.

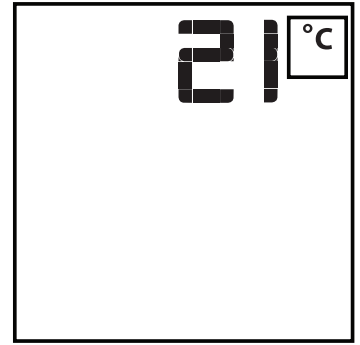


Figure 6: Temperature in celcius.

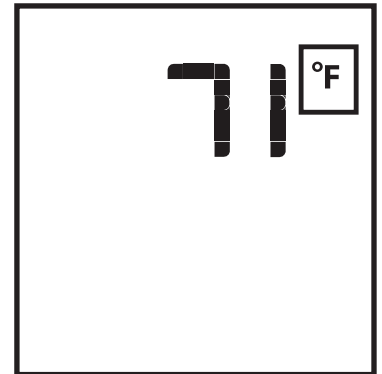


Figure 7: Temperature in fahrenheit.

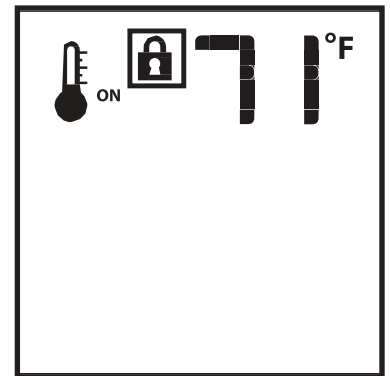


Figure 8: Key lock icon.

Room Temperature

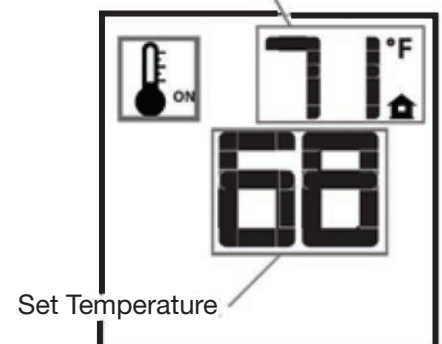
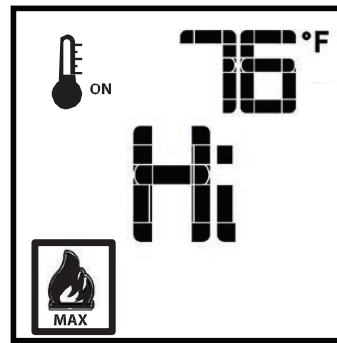


Figure 9: Room temperature control.

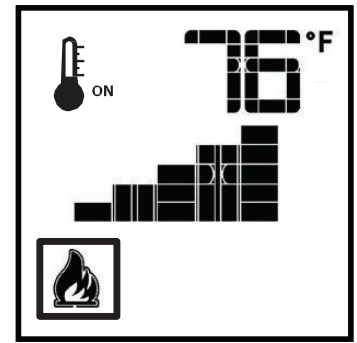
Remote Flame Control

The Proflame has six (6) flame levels. With the system on, and the flame level at the maximum in the appliance, pressing the down arrow key once will reduce the flame height by one step until the flame is turned off.

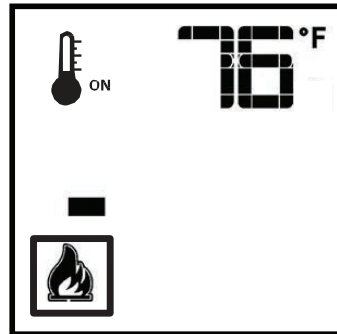
The Up Arrow Key will increase the flame height each time it is pressed. If the Up Arrow Key is pressed while the system is on but the flame is off, the flame will come on in the high position (Figure 10). A single “beep” will confirm reception of the command.



Flame level Max



Flame level 5



Flame level 1



Flame Off

Figure 10: Flame level control.

Split Flow Function

The secondary burner is controlled by the split flow. To activate this function, use the Mode Key (Figure 1) to index to the SPLIT FLOW icon (Figure 11 and Figure 12). Pressing the Up Arrow Key will activate the secondary burner. Pressing the Down Arrow Key will turn the secondary burner off. A single “beep” will confirm the reception of the command.

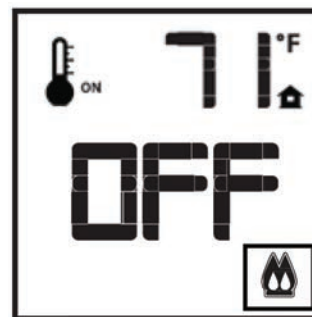


Figure 11: Split flow Off.

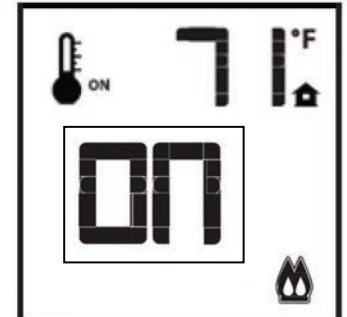


Figure 12: Split flow ON.

Smart Thermostat (Transmitter Operation)

The Smart Thermostat function adjusts the flame height in accordance to the difference between the set point and the room temperatures. As the room temperature gets closer to the set point, the Smart Function will modulate the flame down. If the room temperature is cool, the Smart Function will modulate the flame up. To activate this function, press the THERMOSTAT key (Figure 1) until the word “SMART” appears to the right of the temperature icon (Figure 13). To adjust the set point, press the up or down arrow keys until the desired set point temperature is displayed on the LCD screen of the remote transmitter (Figure 14).



Figure 13: Smart flame control.

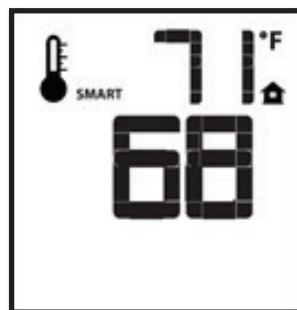


Figure 14: Smart flame function set low.

Comfort Fan Speed Control

The SIT version heater is equipped with a hot air circulating fan. The speed of the fan can be controlled by the Proflame 2 System. The fan speed can be adjusted through six (6) speeds. To activate this function use the Mode Key (Figure 1) to index to the fan control icon (Figure 15). Use the Up/Down Arrow Keys to turn on, off or adjust the fan speed (Figure 16). A single “beep” will confirm reception of the command.

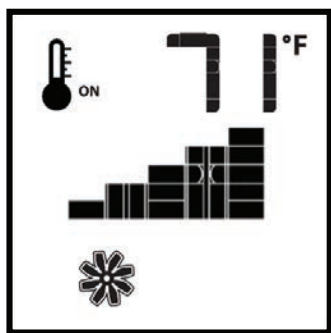


Figure 15: Comfort fan HI.

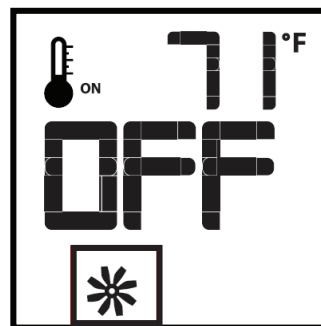


Figure 16: Comfort fan off.

Continuous Pilot/Intermittent Pilot (CPI/IPI) selection

With the system in the “OFF” position, press the Mode Key (Figure 1) to index to the CPI mode icon (Figure 18). Pressing the Up Arrow Key will activate the Continuous Pilot Ignition mode (CPI). Pressing the Down Arrow Key will return to IPI. A single “beep” will confirm the reception of the command.

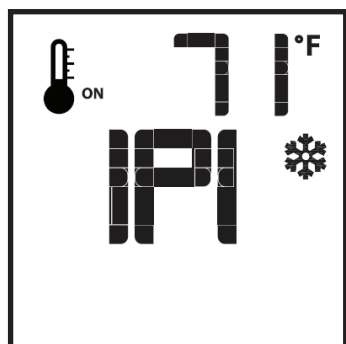


Figure 17: IPI Mode.

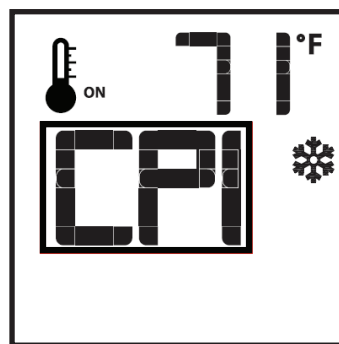


Figure 18: CPI Mode.

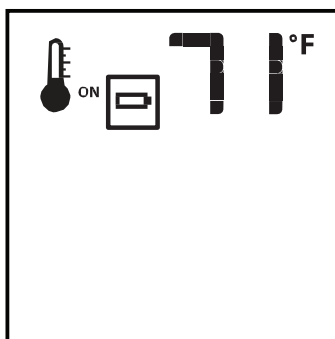


Figure 19: Low battery.

Low Battery Power Detection Transmitter

The life span of the remote control batteries depends on various factors: quality of the batteries used, the number of ignitions of the Heater, the number of changes to the room thermostat set point, etc.

When the remote batteries are low, an icon will appear on the LCD display of the remote (Figure 19) before all battery power is lost. When the batteries are replaced this icon will disappear.

Receiver

The life span of the IFC module batteries depends on various factors: quality of the batteries used, the number of ignitions of the Heater, the number of changes to the room thermostat set point, etc.

When the IFC batteries are low, a “double-beep” will be emitted from the IFC module when it receives a command from the remote. This is an alert for a low battery condition for the IFC board. When the batteries are replaced, a single “beep” will be emitted from the IFC module when a key is pressed. See “Initializing the system for the first time.” on page 7.

Remote Control Operation (Maxitrol)

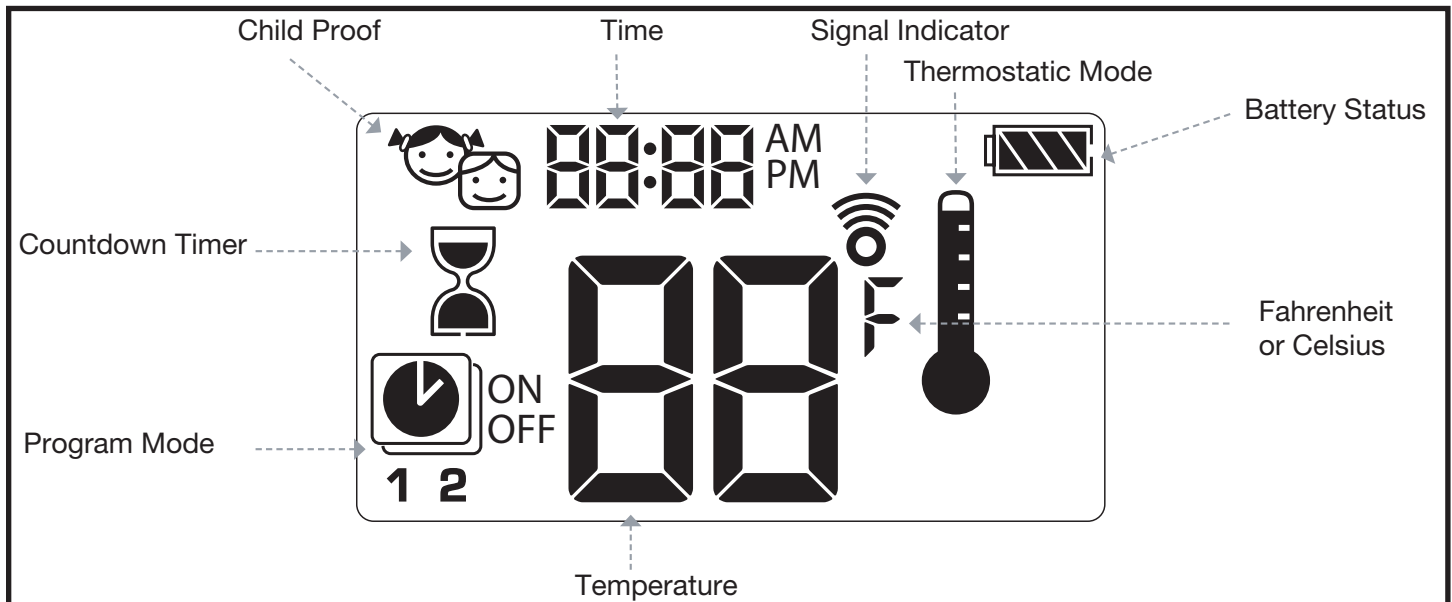


Figure 20: Maxitrol 6 symbol display.

Operating Instructions

General Notes:

Batteries - Handset

- Low battery indicator on handsets.

Batteries - Receiver

- Low battery indication: frequent beeps for 3 seconds when motor turns.

WARNING

- Battery replacement is recommended at the beginning of each heating season.
- Old or dead batteries should be removed immediately. If left in the unit the batteries can overheat, leak, and / or explode.
- Do NOT expose batteries (including during storage) to direct sunlight, excessive heat, fire, moisture, or severe impact. Each of these conditions can cause the batteries to overheat, leak, and/or explode.
- New and old batteries and different brands of batteries should not be used together. Mixing of various batteries can cause the batteries to overheat, leak, and/or explode.

Setting the Electronic Code

(First time use only)

Radio Frequency Handset. A code is selected automatically for all Mertik Maxitrol electronics from among 65000 codes available. The receiver must be paired with the handset.

Receiver

1. Insert batteries four double “AA” batteries into the receiver module.
2. The receiver has to learn the handset code: Remove the front surround (Figure 47 on page 27) followed by the backing plate (Figure 48 on page 27). Locate the caddy on the left-hand side of the fireplace. The reset button is located here.
3. Press and hold the receiver’s reset button (Figure 21) until you hear two (2) beeps. After the second, longer beep, release the reset button. Within the subsequent 20 seconds press the “DOWN ARROW” button on the handset until you hear two (2) short beeps confirming the code is set.
NOTE: This is a one time setting only, and it is not required when changing the batteries in the handset or receiver.
4. When the RF receiver is placed in the appliance, the surrounding metal can reduce reception considerably.



Figure 21: Maxitrol reset button location.

Setting Fahrenheit or Celsius

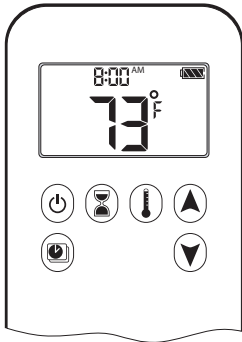
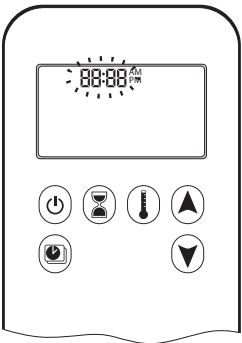


Figure 22: Setting F or C.

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

















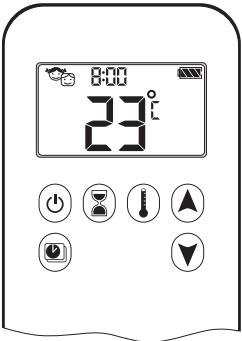



1. Press  and  buttons simultaneously. **Day** flashes.
2. Press  or  button to select a number to correspond with the day of the week (e.g. 1 = Monday, 2 = Tuesday, 3 = Wednesday, 4 = Thursday, 5 = Friday, 6 = Saturday, 7 = Sunday).
3. Press  and  buttons simultaneously. **Hour** flashes.
4. To select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

Figure 23: Setting the time.

Child Proof



ON:

To activate, press  and  buttons simultaneously.  is displayed and the handset is rendered inoperable, except for the off function.

OFF:


To deactivate, press  and  buttons simultaneously.  disappears.

Figure 24: Child proof.

Manual mode (handset)

NOTICE

BEFORE OPERATING

Make sure MANUAL knob on the GV60 valve is in the ON, full  position.
Place the ON/OFF switch in the I (ON) position.

TO TURN ON FIRE

⚠ WARNING

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

Handset One-Button Operation

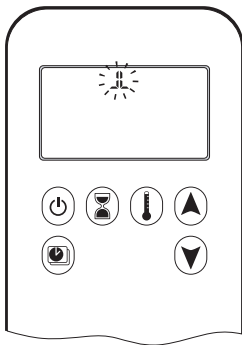


Figure 25: Handset one button operation.

- (Default Setting)
- Press 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.
 - Handset automatically goes into Manual Mode after main burner ignition.

NOTICE

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

Handset Two-Button Operation

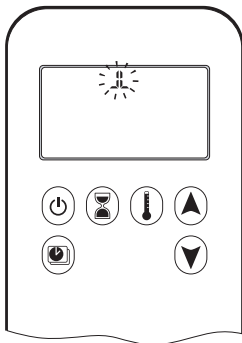


Figure 26: Handset two button operation.

- (Default Setting)
- Press and simultaneously 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.
 - Handset automatically goes into Manual Mode after main burner ignition.

NOTICE

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

⚠ WARNING

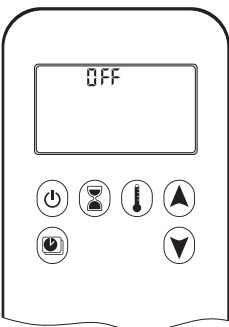
If the pilot does not stay lit after several tries, turn the main valve knob to **OFF** and follow the instructions “To Turn Off Gas Appliance.” on page 24.

Standby Mode (Pilot Flame)

Handset

- Press and hold button to set appliance to pilot flame.

To Turn Off Fire



Handset

- Press button to turn off.

NOTE: There will be a 30 second delay before the unit can turn on again.

Figure 27: To turn off fire.

Flame Height Adjustment

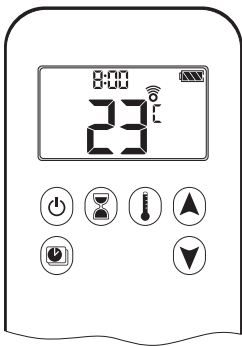


Figure 28: Flame height adjustment.

Handset

- To increase flame height, press and hold ▲ button.
- To decrease flame height or to set appliance to pilot flame, press and hold ▼ button.

Designated Low Fire and High Fire

NOTE: Back-light must be on for high fire and low fire double - click operation.

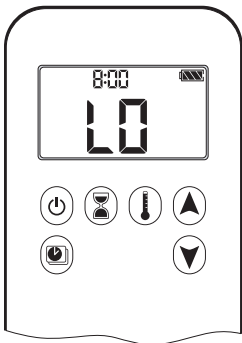


Figure 29: Low.

- To go to low fire, double-click ▼ button. LO is displayed.

NOTE: Flame goes to high fire first before going to low fire.

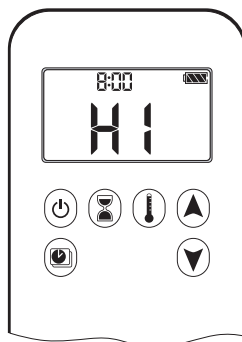


Figure 30: Hi.

- To go to high fire, double-click ▲ button. HI is displayed.

⚠ WARNING

If the appliance will not operate, follow the instructions “To Turn Off Gas Appliance.” on page 24.

Countdown Timer

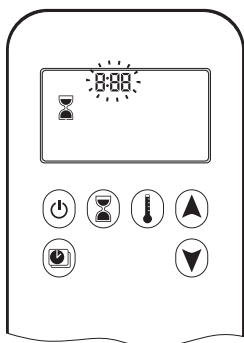


Figure 31: Countdown timer.

ON/SETTING:

1. Press and hold button until displayed and **hour** flashes.
2. To select hour, press or button.
3. To confirm, press button. **Minutes** flash.
4. To select minutes, press or button.
5. To confirm, press or wait.

OFF:

Press button, and countdown time disappears.

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

Modes of Operation

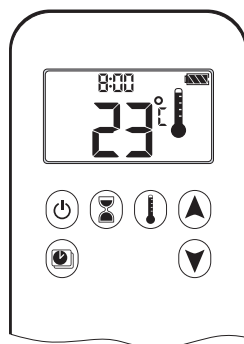


Figure 32: Thermostatic mode.

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.

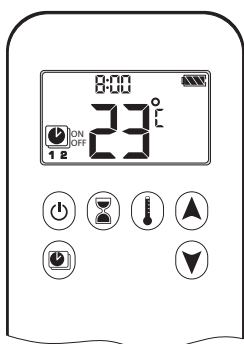


Figure 33: Program mode 2.

Program Mode

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

Thermostatic Mode

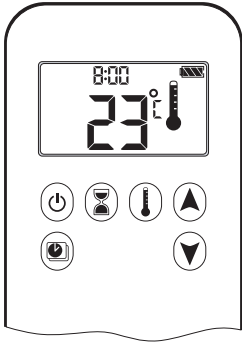


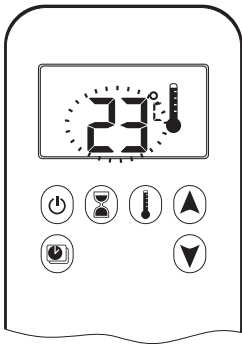
Figure 34: Thermostatic mode.

ON:

Press . 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.

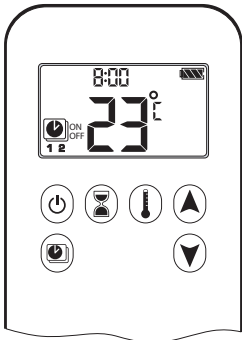


SETTING:

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

Figure 35: Setting (Thermostatic mode).

Program Mode



ON:

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

Figure 36: Program mode on.

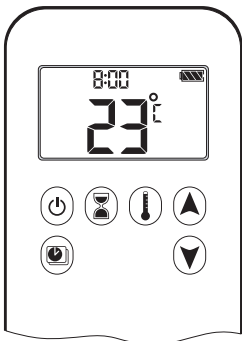


Figure 37: Program mode off.

OFF:

1. Press or or button to enter Manual Mode.
2. Press button to enter Thermostatic 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 flame only)

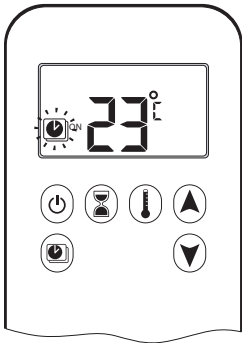


Figure 38: Temperature setting.

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 or button.
4. To confirm, press button.

NOTE: The on (Thermostatic) and off set temperature are the same for each day.

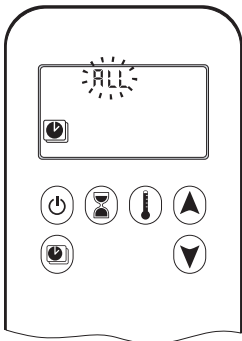


Figure 39: Day setting ALL.

DAY SETTING

5. ALL flashes, press or to choose between ALL, SASH, 1, 2, 3, 4, 5, 6, 7.
6. To confirm, press button. ALL selected.

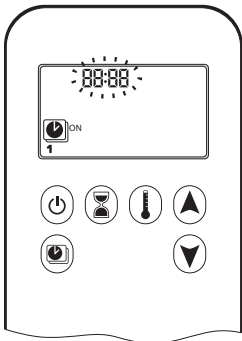


Figure 40: On time setting (program 1).

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.

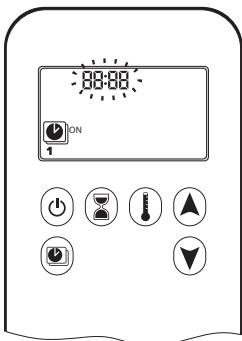


Figure 41: On time setting (program 1).

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 .

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 SRSU** 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 SRSU** or Daily Timer are programmed for **PROGRAM 1** and **PROGRAM 2** on and off times and temperatures.

SRSU: or Daily Timer (1, 2, 3, 4, 5, 6, 7) selected.

- Set on time and off time using same procedure as “**ALL selected**” (above).
- **SRSU:** 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.
- Wait to finish setting.

To turn on appliance

- Press **ON - OFF** button (Figure 42 and Figure 43) until two short beeps confirm the start sequence has begun; release button.
- Once pilot ignition is confirmed, there is main gas flow.

⚠ WARNING

If the pilot does not stay lit after several tries, turn the main valve knob to OFF and follow the instructions “**To Turn Off Gas Appliance.**” on page 24.

Standby mode (Pilot Flame)

- Press and hold 🔥 (large flame) button to set appliance at pilot flame.

To turn OFF appliance

- Press **ON - OFF** button.

Flame height adjustment

- Press and hold 🔥 (large flame) button to increase flame height.
- Press and hold 🔥 (small flame) button to decrease flame height or to set appliance at pilot flame.

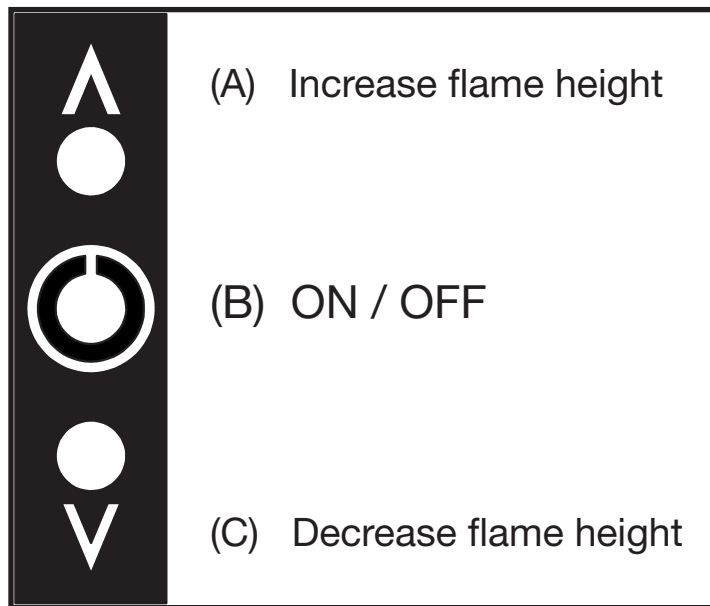


Figure 42: Touch pad - Backing plate switch.



Figure 43: On Off switch location for Maxitrol units.

To turn on appliance

- Press “B” button (See Figure 42 and Figure 43) until two short beeps confirm the start sequence has begun; release button.
- Once pilot ignition is confirmed, there is main gas flow.

⚠ WARNING

If the pilot does not stay lit after several tries, turn the main valve knob to OFF and follow the instructions **“To Turn Off Gas Appliance.” on page 24.**

Standby mode (pilot flame)

- Press and hold “C” button to set appliance at pilot flame.

To turn off appliance

- Press “B” button


Flame height adjustment

- Press and hold “A” button to increase flame height.
- Press and hold “C” button to decrease flame height or to set appliance at pilot flame.

⚠ WARNING

If the appliance will not operate, follow the instructions **“To Turn Off Gas Appliance.” on page 24.**

To Turn Off Gas Appliance.

1. Place ON/OFF switch (if equipped) in **O** (OFF) position.
2. If gas control is accessible, turn main valve knob to the **OFF** full clockwise  position.

Automatic Turn Down

3 Hour No Communication Function

- The valve will turn to pilot flame if there is no communication between handset and receiver for a 3 hour period. The fire will continue to function normally when communication is restored.

Automatic Shut Off

Countdown Timer

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

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.

On-Demand Pilot

- The green feature eliminates gas energy consumption during extended appliance inactivity. When the appliance is inactive for an extended period of time, the system automatically extinguishes the pilot. This feature helps the consumer realize cost benefits by automatically eliminating energy consumption during non-heating months and limited use.
- The programmed length of inactivity to activate the system is specified by the appliance manufacturer and cannot be altered in the field.

Lighting Instructions

FOR YOUR SAFETY READ BEFORE LIGHTING

WARNING: If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

A. This appliance is equipped with an ignition device which automatically lights the pilot. Do not try to light the pilot by hand.
B. BEFORE LIGHTING smell all 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 electric switch; do not use any phone in your building.

- Immediately call your gas supplier from a neighbour's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.
C. Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, don't try to repair it, call a qualified service technician. Force or attempted repair may result in a fire or explosion.
D. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance & to replace any part of the control system & any gas control which has been under water.

LIGHTING INSTRUCTIONS

1. **STOP!** Read the safety information above on this label.
2. This appliance is equipped with an ignition device which automatically lights the pilot. Do not try to light the pilot by hand.
3. Push the "On/Off" switch to turn the fireplace ON.
 - If the burner does light go to step 6.
 - If the burner does not light, complete steps 4 through 5.
 - If the burner will not light or stay lit after several tries, push the "On/Off" switch for the fireplace to OFF, turn off all electric power to the fireplace and call your service technician or gas supplier.
4. Push the "On/Off" switch to the fireplace OFF.
5. Allow sufficient length of time (minimum 5 minutes) for any gas in the combustion chamber to escape. If you still smell gas, **STOP!** Follow "B" in the safety information above on this label. If you don't smell gas, go to step 3.
6. Set fireplace to desired setting by using hand held remote.

TO TURN OFF GAS APPLIANCE

1. Push the "on/off" switch to the "Off" position.
2. Turn off all electric power to the appliance and remove backup batteries if service is to be performed or for extended shutdown.

Due to high surface temperatures, keep children, clothing and furniture away. Keep burner and control compartment clean. See installation and operating instructions accompanying the appliance.

A cause de la température élevée des parois, tenir éloignés les enfants, les vêtements et les meubles. Maintenir propres le brûleur et le compartiment de commande. Voir les instructions relatives à l'installation et au fonctionnement qui accompagnent l'appareil.

CAUTION: Hot while in operation. Do not touch. Severe burns may result. Keep children, clothing, furniture, gasoline and other liquids having flammable vapours away. Keep burner and control compartment clean. See installation and operating instructions accompanying the appliance.

ATTENTION L'appareil est chaud lorsqu'il fonctionne. Ne pas toucher l'appareil. Risque de brûlures graves. Surveiller les enfants. Garder les vêtements, le meubles, l'essence ou autres liquides produisant des vapeurs inflammables loin de l'appareil. S'assurer que le brûleur et le compartiment des commandes sont propres. Voir les instructions d'installation et d'utilisation qui accompagnent l'appareil.

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The lighting instructions label is located on the back of the gas valve controller caddy (Figure 44). It is accessed by removing the surround and then pulling the caddy out to reveal the lighting instruction label.

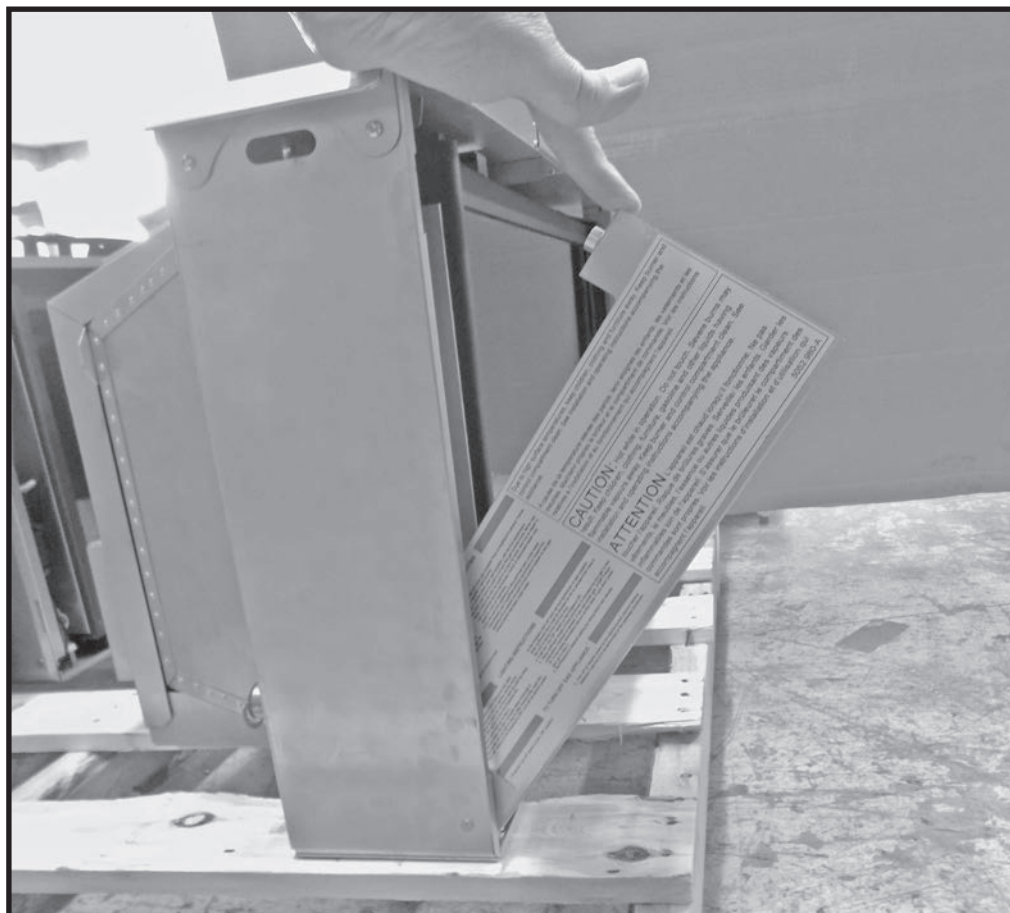


Figure 44: Lighting instructions label location.

Maintenance

CAUTION:

Turn off gas and electrical power supply (if applicable) and allow ample time for unit to cool before servicing appliance. It is recommended that the fireplace and its venting should be inspected at least once a year by a qualified service person.

Glass Door:

Warning: Do not operate fireplace with glass door removed, cracked or broken. Replacement of the glass door should be done by a licensed or qualified service person.

Do not strike or otherwise impact the glass in anyway that may cause it to break. If the glass becomes cracked or broken it must be replaced before using the fireplace. Replacement door can be obtained from your nearest Pacific Energy Fireplaces dealer. The size required is dependent on which version of Tofino is installed. Use original Tofino door only. Do not substitute with any other type.

To remove broken glass, remove door frame as noted in See "Door Installation/Removal" on page 28.

Install the new door onto the fireplace.

Annual Inspection:

- Remove glass door and inspect if soot buildup is present. Inspect the burner assembly and the ceramic glass baffle for soot buildup. If excessive buildup of soot is present, have a qualified service person inspect and adjust unit for proper combustion. Clean logs and burner with a brush or vacuum cleaner, paying close attention to burner ports.
- Check the pilot system for proper flame size and operation. Clean pilot free of soot, dust or any other deposits (Figure 45 and Figure 46). Have a qualified service person adjust the pilot flame.
- Check that the vent pipe and vent terminal are open and free from blockage or debris. If the venting is disassembled for cleaning, it must be properly assembled and re-sealed. See Venting section in Installation manual for proper procedure.
- Check glass panel gasket, replace the door if necessary. It is important that the glass seal be maintained in good condition.
- Check and replace batteries as needed.

Note: The appliance area must be kept clear and free from combustible materials, gasoline and other flammable vapours and liquids.

Periodically:

- Viewing glass may be cleaned as necessary with fireplace glass cleaner.
- Exterior finish may be cleaned with mild soap and water.

CAUTION:

Do not use abrasive cleaners on glass or any other part of the fireplace. Do not clean glass when hot.

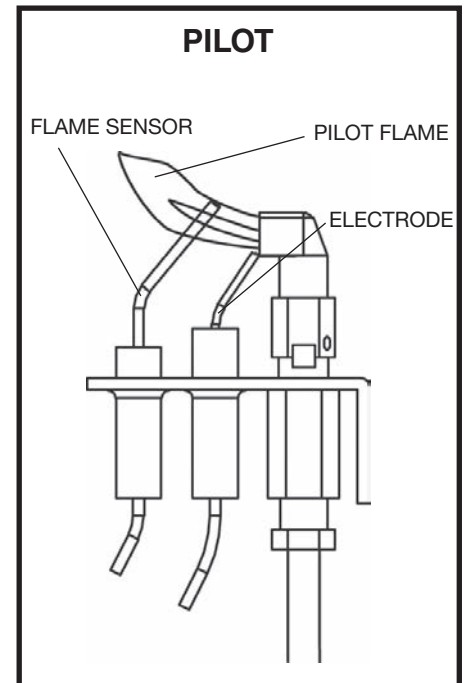


Figure 45: SIT pilot assembly.

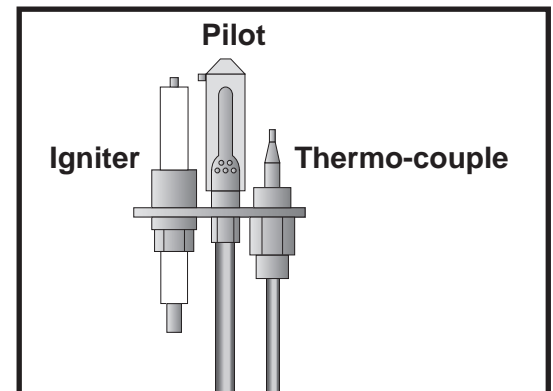


Figure 46: Maxitrol pilot.

Surround Installation/Removal Instructions

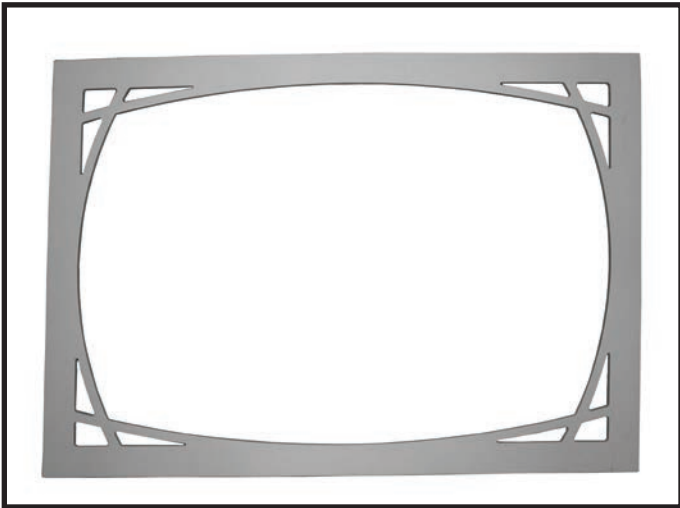


Figure 47: Surround.



Figure 48: Backing plate.

The surround (Figure 47) attaches to the unit once the surround backing plate (Figure 48) has been installed. The surround easily fits into place by connecting all four of its hooks.

Removal

1. Remove the surround by lifting it from the backing plate and set aside.
2. Remove the backing plate by moving it away from the fireplace. Be sure to disconnect the wire on the left-hand side of the backing plate. This wire attaches the switch to the interior of the fireplace.

Installation

Installation is the reverse of removal.

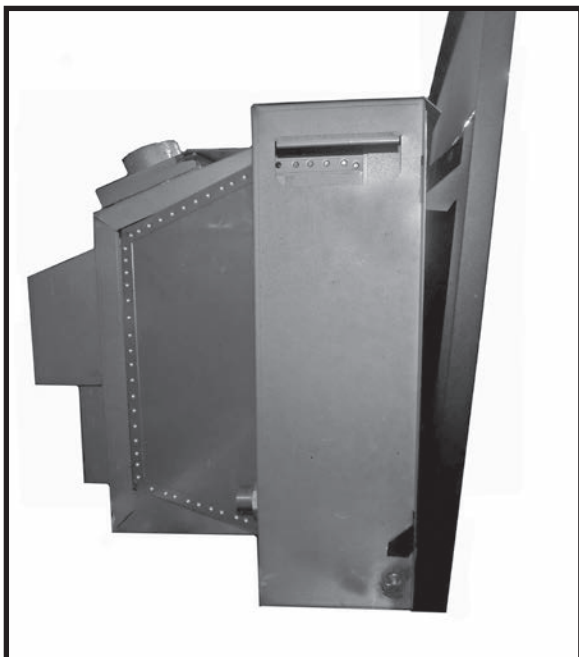


Figure 49: Mounting the surround.

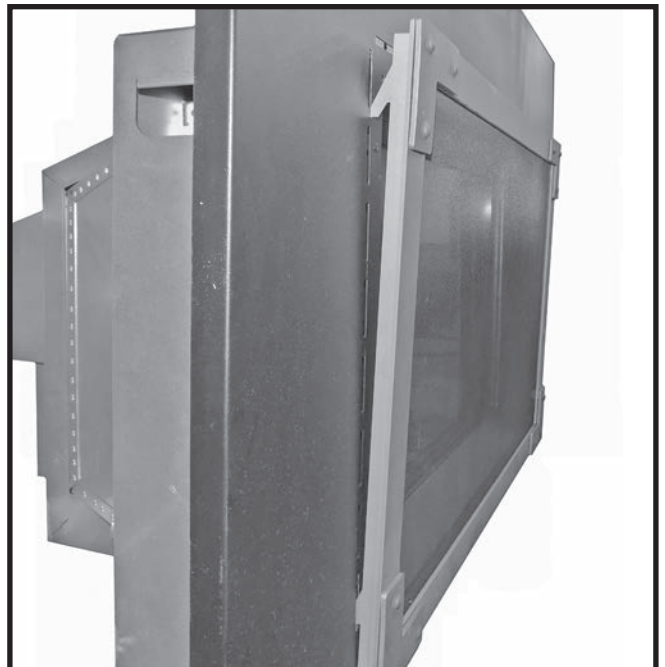


Figure 50: Mounting screen onto surround.

Door Installation/Removal



Figure 51: Glass door and hooks.

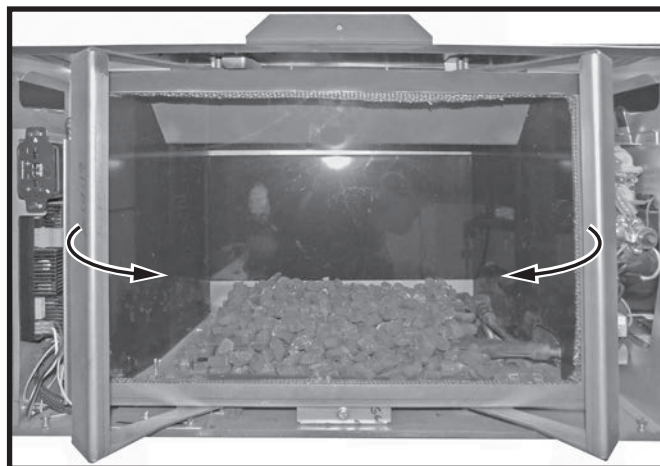


Figure 52: Unlocking the glass door.

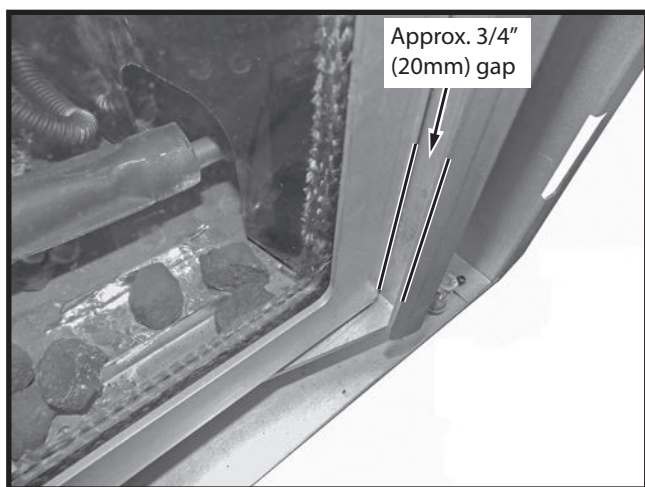


Figure 53: Door handles in closed position.

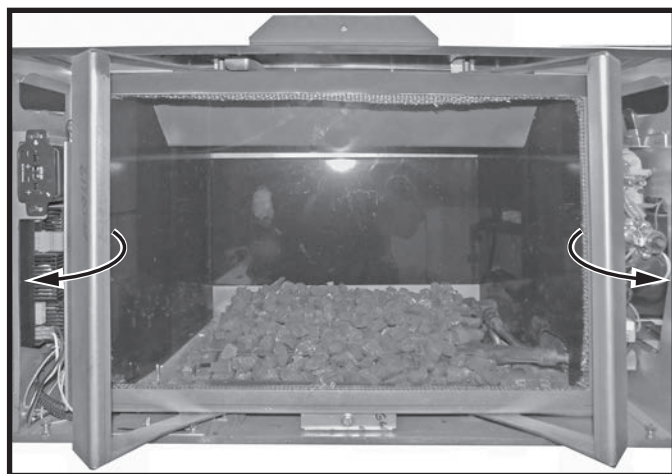


Figure 54: Locking the glass door.

Removal

1. Remove the surround and backing plate from the front of the fireplace, "Surround Installation/Removal Instructions" on page 27. Take care to disconnect the wire on the left hand side of the backing plate which attaches the switch to the interior of the fireplace.
2. There are two handles located on the fireplace door (Figure 51) which must be pulled inward toward the center of the fireplace to unlock the door (Figure 52). This may take some effort because the door completes a tight seal around the firebox.
3. Remove the door and set aside.

Installation

1. Place the door over the opening of the fireplace.
2. There are two hooks on the top of the handles and two hooks on the bottom of the handle and so the door must be placed squarely over the firebox opening
3. Once the glass door is seated, close the door handles outward and inward until they stop.
4. The handled will not close completely. There will be an approximately 3/4" gap between the handles and the door frame (Figure 53). This is normal.
5. Return the backing plate to its original position making sure to reconnect the switch wire to the backing plate. Return the surround to its original position.

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