

## 15. 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.**

This appliance has a pilot. When lighting the pilot, follow these instructions exactly.

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

### WHAT TO DO IF YOU SMELL GAS:

Do not try to light any gas appliance.

Do not touch any electric 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.

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 fire or explosion.

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

**BEFORE LIGHTING YOUR STOVE READ THESE INSTRUCTIONS CAREFULLY!  
DO NOT LIGHT THE STOVE IF YOU SMELL GAS!**

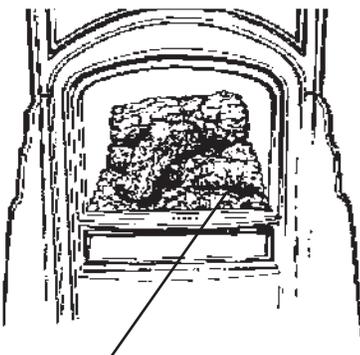
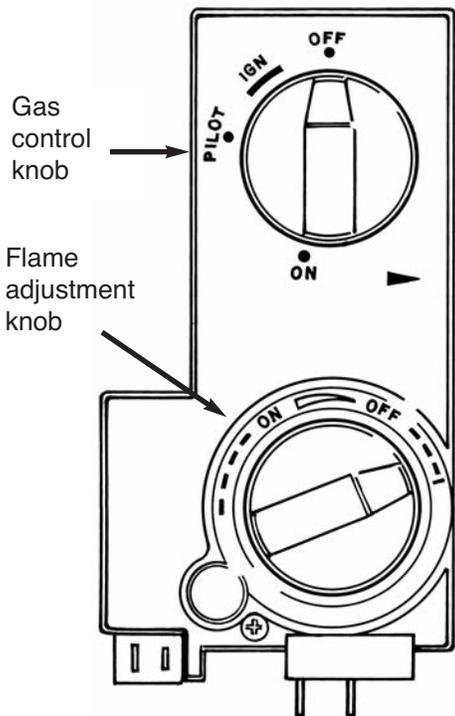
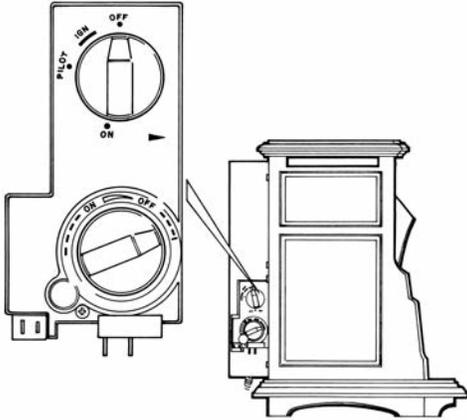
### TO LIGHT THE PILOT

1. PUSH THE GAS CONTROL KNOB IN COMPLETELY AND WHILE THE KNOB IS PUSHED IN, TURN IT **REPEATEDLY** COUNTERCLOCKWISE FROM "IGN" TO "PILOT". EACH TIME YOU TURN THE KNOB TO "PILOT" YOU WILL HEAR A CLICK AS IT PRODUCES A SPARK.

- When you push the control knob in, you are letting gas into the firebox.
- Each time you turn the knob to the left and hear a click, you are producing a spark.

2. IF THE PILOT DOES NOT LIGHT IN THE FIRST 5-6 SECONDS, **STOP**.

- Turn the control knob to the "OFF" position. Wait 5 minutes for the gas to dissipate before attempting to light the stove again.



Look for Pilot here.

– If you attempt to light the stove too soon the accumulated gas will ignite, causing an explosion.

### 3. WHEN THE PILOT LIGHTS, CONTINUE TO HOLD THE KNOB IN FOR 10 SECONDS SO THE PILOT WILL STAY LIT.

- When the pilot lights a small flame will be visible below the logset at the right front corner of the firebox.
- Depressing the gas control for 10 seconds after the pilot is lit warms the thermocouple.
- Release the knob. The pilot will remain lit.

### TO LIGHT THE BURNER

#### 1. CONFIRM THE PILOT IS LIT.

- The pilot must be lit before the burner will light.
- Follow instructions above if pilot is not lit.

#### 2. TURN THE GAS CONTROL KNOB COUNTERCLOCKWISE FROM "PILOT" TO "ON". THE BURNER WILL IGNITE

- If flames do not appear in 10 seconds it may be necessary to turn the flame adjustment (left) knob counterclockwise until flames appear.

NOTE: Flame height can be controlled manually at the control panel using the left knob; at the rear of the stove using the HI/LO - ON/OFF switch; or with the optional remote control.

NOTE: Knob cannot be turned from "PILOT" to "OFF" unless depressed slightly. Do not force or use tools.

### TO TURN OFF GAS TO APPLIANCE

To turn the main burner off manually turn the ON-PILOT-OFF knob clockwise to pilot. In this position the flames from the main burner will be extinguished, but the pilot will remain lit. The left flame adjustment knob may also be used to turn the burner off by turning it clockwise until it stops. The optional remote control can also extinguish the main burner by simply holding the flame adjustment button in the LO position until the flames go out.

**CAUTION: HOT WHILE IN OPERATION. DO NOT TOUCH. KEEP CHILDREN, CLOTHING, FURNITURE, GASOLINE AND OTHER LIQUIDS HAVING FLAMMABLE VAPORS AWAY.**

**WARNING:** Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to the owner's information manual provided with this appliance. For assistance or additional information consult a qualified installer, service agency or the gas supplier.

**CAUTION:** Do not operate this appliance with glass removed, cracked or broken. Replacement of the panel(s) should be done by a licensed or qualified service person.

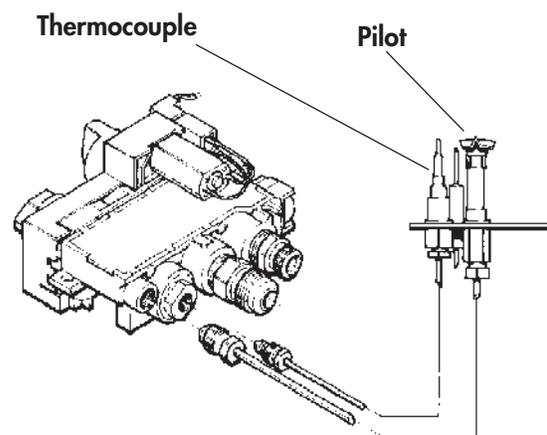


Illustration 15.3 *The pilot is located next to the thermocouple. The pilot flame is visible on the right side of the firebox.*

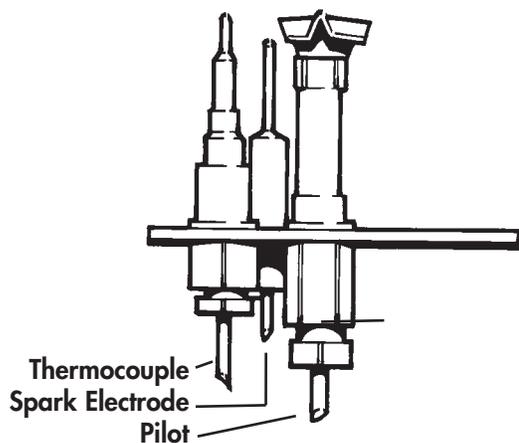


Illustration 15.4 *The pilot assembly is located on the right side of the firebox.*

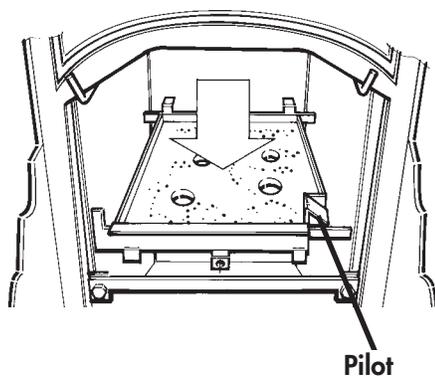


Illustration 15.5 *When the pilot is lit, the flame will be clearly visible at the right side of the firebox, just to the right side of the burner pan.*

#### Technical Note:

**HOW THE PILOT SAFETY CONTROL WORKS:** When lit, the pilot flame warms a thermocouple. The heated thermocouple produces a small electrical current that activates an electromagnet which keeps the pilot gas supply valve open. When you hold down the control knob after the pilot initially lights, you are manually keeping open the gas supply until the thermocouple warms up enough to automatically keep the gas supply valve open.

Should the pilot blow out, the thermocouple will cool and the electromagnet will close the gas supply valve and shut off the supply of gas. If pilot goes out after being lit long enough to warm the thermocouple, the thermocouple must cool down before the electromagnet will allow the gas valve to reopen. This safety mechanism can take up to 30 seconds and produces an audible “click”.

#### ADDITIONAL NOTES

1. Check that the flames are evenly distributed. In LP burning stoves they will be mostly blue for the first 15 minutes and then will change to yellow/orange. NG stoves will remain very blue/translucent. There may be a slight amount of condensation on the glass. This will disappear when the fireplace heats up.
2. If this is the first time you have burned your new fireplace for any length of time, you may smell the fireplace paint curing. This is normal and will go away within a few hours.
3. The adhesive on the window gasket will also take a few days to cure. This process will create an unpleasant odor. This is normal and will go away after about 10 to 12 hours of use on High.
4. **To completely shut off the Stove**, including the pilot, turn the Gas Control Knob to the “OFF” position. It is a good idea to turn the Gas Control Knob to “OFF” and turn the manual gas valve on the supply line to “OFF” if the stove will not be used for any length of time. This turns off the pilot, the burner, and the gas supply.

#### WARNING

Do not attempt to decrease flame size or heat output by closing the manual gas supply valve. This valve should always be in a fully open position while the appliance is in operation.

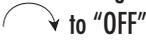
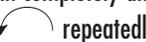
## 16. SAFETY INSTRUCTIONS

### FOR YOUR SAFETY READ BEFORE OPERATING

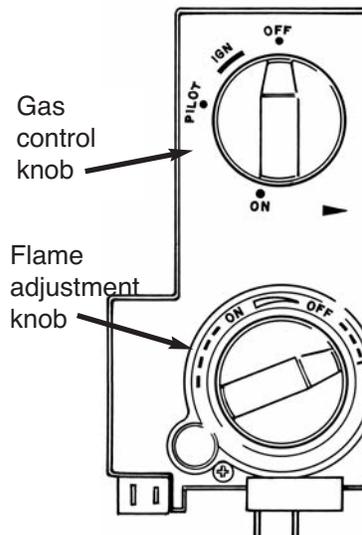
**WARNING: If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury, or loss of life.**

- A. This appliance has a pilot that must be lighted by hand. When lighting the pilot, follow these instructions exactly.
- B. **BEFORE OPERATING** 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 gas appliance.
  - Do not touch any electric 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.
  - 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 and to replace any part of the control system and any gas control that has been under water.

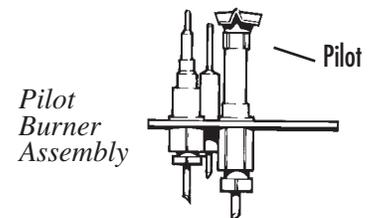
### LIGHTING INSTRUCTIONS

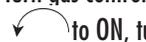
1. STOP! Read the safety information on the panel above.
2. Push in gas control knob slightly and turn clockwise  to "OFF".  
NOTE: Knob cannot be turned from "PILOT" to "OFF" unless knob is pushed in slightly. Do not force.
3. Wait five (5) minutes to clear out any gas. Then smell for gas, including near the floor. If you then smell gas. STOP! Follow "B" in the safety information above on this label. If you don't smell gas, go to the next step.
4. Push gas control knob in completely and turn counterclockwise  repeatedly from "IGN" to "PILOT" (audible click)
5. Find pilot. The pilot is located below the logset in the forward right corner area of the firebox.
6. Continue to hold the control knob in for

about 10 seconds after the pilot is lit. Release knob and it will pop back up. Pilot should remain lit. If it goes out, repeat steps 4 and 5.

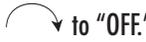


- \* If knob does not pop up when released, stop and immediately call your service technician or gas supplier.
- \* If the pilot will not stay lit after several tries, turn the gas control knob to "OFF" and call your service technician or gas supplier.



7. Turn gas control knob counter clockwise  to ON, turn flame adjustment knob counter clockwise until flames appear.

### TO TURN OFF GAS TO APPLIANCE

Push in gas control knob slightly and turn clockwise  to "OFF."

NOTE: Knob cannot be turned from "PILOT" to "OFF" unless knob is pushed in slightly. Do not force.

Turn manual gas supply valve off if stove will not be used for an extended length of time.

## 17. REMOTE CONTROL

### REMOTE CONTROL UNIT

The Mini Franklin gas stove is available with an optional remote control. The remote can adjust flame height, turn the main burner on and off when pilot is lit, as well as function as a timer or thermostat for your stove.

The remote control unit has two main components, a remote transmitter (see diagram 17.1) and a receiver.

The battery operated remote control has two main parts:

1. The Remote Transmitter  
(1- 9 volt battery)
2. The Remote Receiver  
(4 AA batteries)

### THE REMOTE TRANSMITTER HAS THE FOLLOWING FEATURES:

#### Main Control Pad

- “ON-OFF” “HI-LO” buttons
- Mode indicators
- Ambient temperature read out
- Thermostat temperature setting
- Clock
- Timer
- Battery condition

Detailed instructions for setting and operating the remote control unit are located under the sliding cover on the back of the transmitter.

The 9V battery is also located under the cover. Further instructions are included from the manufacturer.

A wiring diagram for installation can be found on page 33 in this manual. ( Appendix B)

The Remote Receiver must be installed in order to operate the Fireplace using a Remote Transmitter.

Once the remote control receiver has been wired into the control valve, and the transmitter has been properly set it can be used to control the stove in several ways.

- Flame adjustment - the height of the flames can be adjusted up and down using the large buttons on the transmitter. This will regulate the heat output of the stove. If the flame is adjusted to the minimum the main burner flame will be extinguished. The burner will re-ignite when the flame adjustment is increased.
- As a thermostat - A specific temperature can be maintained automatically using the remote control unit. Once a desired

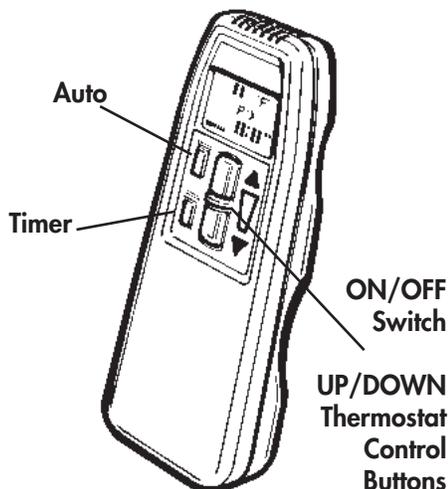


Illustration 17.1 The remote transmitter controls flame height, and acts as a thermostat.

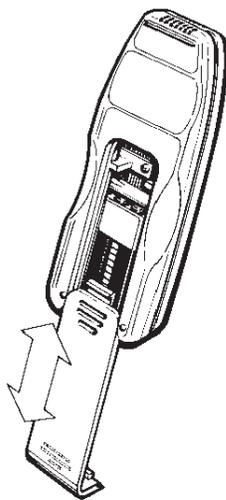


Illustration 17.2 The transmitter battery (9V) and programming instructions are under the sliding cover.

temperature has been set in the transmitter the stove will automatically cycle on and off and/or adjust flame height to maintain it.

- As a timer - specific on and off times can be pre-set in the transmitter and will be maintained in this mode.

**NOTE: If either set of batteries fail in the Transmitter or Receiver the Remote Transmitter will not function.**

**CAUTION:** If the batteries fail in either your Remote Transmitter or the Remote Receiver, the Fireplace will continue doing whatever it was doing when the batteries failed. If it was burning, it will continue burning until you manually turn it off. If it was off, it will remain off. There is no immediate danger in this situation. You could come home to either a very warm house or, if the Fireplace is your sole source of heat, a very cold house which offers the eventual danger of frozen water pipes.

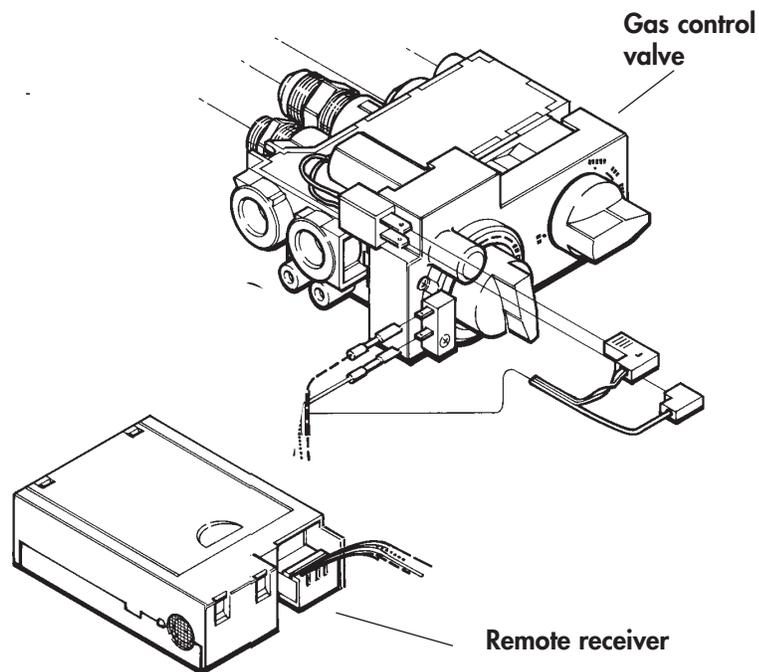


Illustration 17.3 Remote Receiver Wiring

## 18. LIGHTING THE FIRE FOR REMOTE CONTROL OWNERS

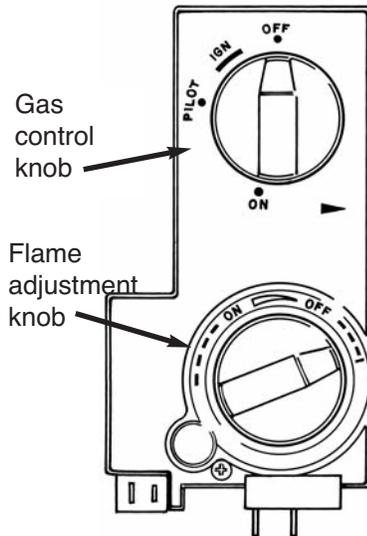


Illustration 18.1 To light the main burner with the remote the pilot must be lit and the gas control knob turned to ON.

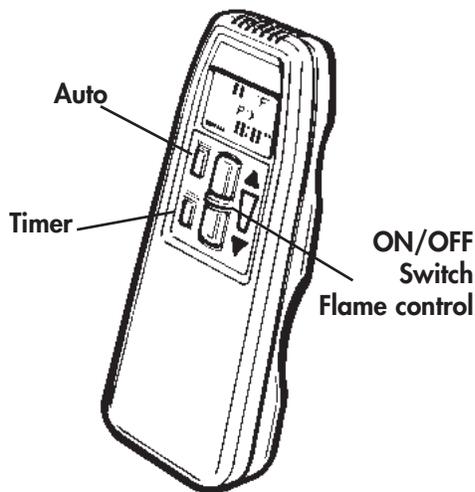


Illustration 18.2 Use the large buttons to turn the main burner ON or OFF and control flame height.

To light the main burner with the optional remote:

Confirm the pilot is lit. If not lit, follow instructions for lighting pilot on page 21.

Turn the right gas control knob counterclockwise to the ON position.

Use the flame adjustment button on the remote to increase gas flow until flames appear. If flames appear immediately when the gas control knob is turned to the ON position the remote can then be used to control the flame height and turn the burner ON or OFF with the large flame adjustment buttons.

Check that the flames are evenly distributed. They will be mostly blue for the first 15 minutes and then will change to yellow/orange. There may be a slight amount of condensation on the glass. This will disappear when the fireplace heats up.

Flame height can be controlled manually at the control panel using the left knob; at the rear of the stove using the HI/LO - ON/OFF switch; on with the optional remote control.

If this is the first time you have burned your new fireplace for any length of time, you may smell the fireplace paint curing. This is normal and will go away within a few hours.

### SHUTTING THE FIRE OFF FOR REMOTE CONTROL OWNERS

You may use any one of the following methods to shut the fire off:

To turn the burner off using the remote simply adjust the flame to the minimum until it is extinguished. To turn off the pilot as well as the main burner, the gas control knob must be pushed in and turned from the ON position through PILOT to OFF. If the stove will not be used for any length of time, it is a good idea to shut off the valve on the gas supply line. This turns off the burner, pilot, and gas supply.