

# heatilator®

*The first name in fireplaces*

Heatilator Inc.  
1915 W. Saunders Street  
Mt. Pleasant, IA 52641  
a HON INDUSTRIES company



## GC341 SERIES (GC341, GC341E, GC341L, GC341LE)

**This appliance has been retired.  
Service parts pages within have been removed.  
For replacement parts, please refer to the individual  
service parts list located on the brand websites.**

### I. LISTINGS AND CODE APPROVALS

These vented decorative gas appliances, GC341 & GC341L (standing safety pilot ignition) and GC341E & GC341LE (electronic direct spark ignition) have been tested in accordance with National Safety Standards (Z21.50b-latest edition), and have been CERTIFIED by the American Gas Association and Canadian Gas Association for installation and operation as described in these Installation & Operating Instructions. Installations must be done by qualified installers only. All components are UL, AGA, CGA or CSA safety certified.

Check with your local building code agency before you begin installation to ensure compliance with local codes, including the need for "permits" and follow-up inspections. If any problems are encountered regarding code approvals, or if you wish clarification of any of the instructions contained here, contact your local distributor/dealer, or Customer Relations Department, Heatilator Inc., 1915 W. Saunders Street, Mt. Pleasant, Iowa 52641. HEATILATOR® is a registered trademark of Heatilator Inc., a HON INDUSTRIES company.

#### FOR YOUR SAFETY

##### 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.

#### FOR YOUR SAFETY

DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE VAPORS AND LIQUIDS IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE.

#### WARNING

IMPROPER INSTALLATION, ADJUSTMENT, ALTERATION, SERVICE OR MAINTENANCE CAN CAUSE INJURY OR PROPERTY DAMAGE. REFER TO THIS MANUAL. FOR ASSISTANCE OR ADDITIONAL INFORMATION CONSULT A QUALIFIED INSTALLER, SERVICE AGENCY OR THE GAS SUPPLIER.

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 which has been under water.

## GC341 SERIES GAS APPLIANCES

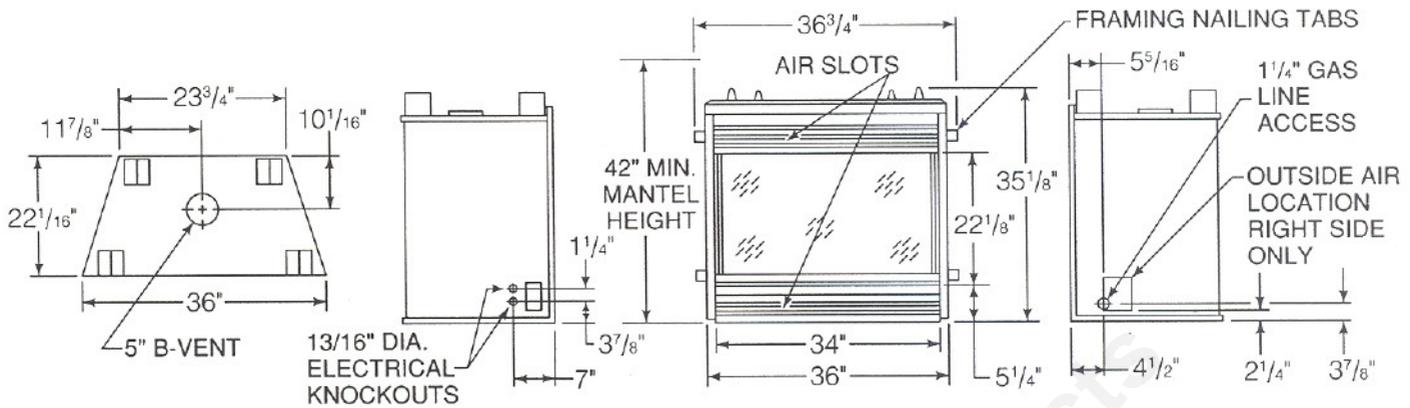


Figure 1

The table below shows only those components which may be safely used with these decorative gas appliances.

Catalog Number	Description
AK14	Air Kit - Outside Air
BC10	Motor Speed Control for FK10
FK10	Fan Kit
RC4	Remote Burner Control - Standing Pilot
RC5	Remote Burner Control - Electronic Ignition
TK5B	Trim Kit - Polished Brass

**NOTE: An optional thermally actuated vent damper may be purchased from your B-Vent supplier to help reduce heat loss through the flue area while the appliance is not in operation.**

## II. GENERAL INFORMATION

This installation must conform with local codes or, in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.1-1988 or, in Canada, current CAN/CGA-B149.1 and B149.2 installation codes.

**INSTALLATION AND REPAIR SHOULD BE DONE BY A QUALIFIED SERVICE PERSON. THE APPLIANCE SHOULD BE INSPECTED BEFORE USE AND AT LEAST ANNUALLY BY A QUALIFIED 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.**

Provide adequate clearances around the air openings into the combustion chamber and adequate accessibility clearances for servicing and proper operation.

Minimum clearances to combustibles are: Top of unit 0", Floor 0", Back 1/2", Sides 1/2", Ceiling 30".

Minimum mantel height: 42" from base of appliance.

The appliance must be installed on a flat, solid, continuous surface (i.e. wood, metal, concrete).

Provide for adequate combustion and ventilation air.

For Natural Gas, the minimum inlet gas supply pressure is 4.5 inches water column, and the maximum inlet gas pressure is 11.0 inches water column, for the purpose of input adjustment. Input rate is 23,500 BTU/HR. For Propane Gas, the inlet gas supply pressure must be at 11.0 inches water column minimum to 14.0 inches water column maximum.

A 1/8" NPT plugged tapping is provided on the gas control valve, near the outlet to the Main Burner immediately upstream of the gas supply connection to the appliance, for a test gage connection.

For high elevation, refer to ANSI Z223.1-1988, Appendix F, for resizing orifice. In Canada, certified to 0-4,500 feet above sea level.

**DUE TO HIGH TEMPERATURES, THE APPLIANCE SHOULD BE LOCATED OUT OF TRAFFIC AND AWAY FROM FURNITURE AND DRAPERIES.**

**WARNING: THIS APPLIANCE MAY ONLY USE A B-VENT SYSTEM AND MUST NOT BE CONNECTED TO A CHIMNEY FLUE SERVICING A SEPARATE SOLID FUEL BURNING APPLIANCE.**

### III. GAS APPLIANCE LOCATIONS, SPACE AND CONSTRUCTION REQUIREMENTS

A GC341 Series gas appliance can be installed in a wide variety of ways and will fit nearly any room layout. It may be installed in a recessed position, framed out into the room, or across a corner. The unit may be installed at a height level with the floor, or it can be raised up from the floor to enhance its visual impact. Figure 2 illustrates a variety of ways the appliance may be located in a room. Proper clearances to combustible sidewalls, as illustrated in Figure 2, must be maintained.

**NOTE: Certified for use in bedroom/bedsitting rooms under CR89 in Canada.**

**NOTE: If optional Fan (FK10) or Hand Held Remote Control (RC4 or RC5) are to be used, wiring must be done prior to finishing to avoid reconstructions.**

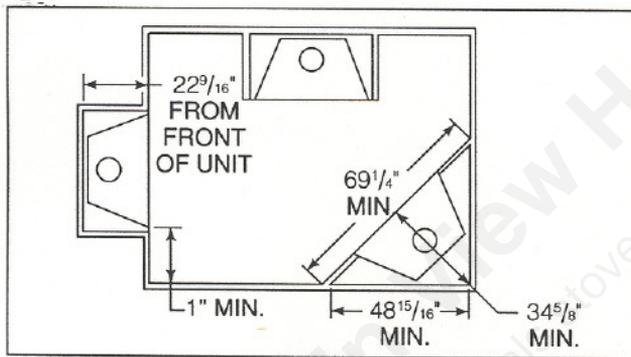


Figure 2

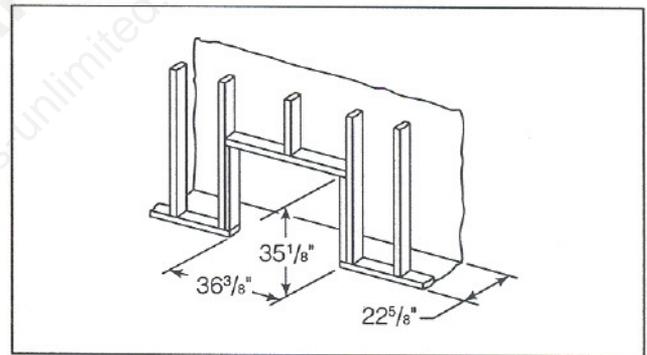


Figure 3

### IV. STEP-BY-STEP INSTALLATION

#### STEP 1 - FRAMING

The appliance will fit a framed opening of 36<sup>3</sup>/<sub>8</sub>" wide x 35<sup>1</sup>/<sub>8</sub>" tall. The cavity depth must be no less than 22<sup>5</sup>/<sub>8</sub>". See Figure 3.

#### STEP 2 - GAS LINE

Install the gas line piping up to the right side of the appliance. For a gas line connection of 25' long, it is recommended you use 1/2" pipe. A separate shut-off gas valve (supplied) should always be used. See Figure 4. The manual shut-off valve may be attached to the gas valve instead of the gas supply line if preferred.

#### STEP 3 - VENTING

This appliance requires the use of a minimum of 5" B-1 vent for operation and must be terminated above the roof line. Follow all B-1 vent requirements and installation instructions. The minimum height of vent installation must be 9' from the top of the appliance. The maximum horizontal offset must not exceed 50% of the vent height above the appliance. Example: If 12' of rise to the vent top from the appliance top, you may run horizontally up to 6'. Always try to maintain a minimum horizontal distance to avoid overly restrictive venting.

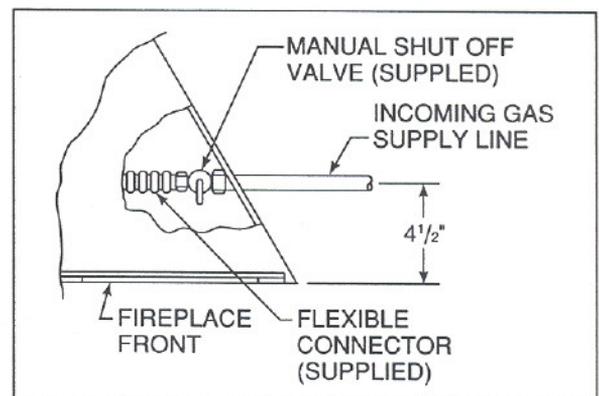


Figure 4

**NOTE: Any horizontal run of vent must be level or have a 1/4" rise in 1 ft. of run towards the termination. Never allow the vent to run down. This will cause high temperatures and may present the possibility of a fire hazard.**

If an optional Outside Air Kit (AK14) is to be used, framing should be done at this time. Follow the Installation Instructions supplied with the Air Kit.

**STEP 4 - POSITION**

Slide the appliance into position and secure in place to the framing with the (4) nailing flanges on the sides of the face.

**STEP 5 - GAS LINE CONNECTION**

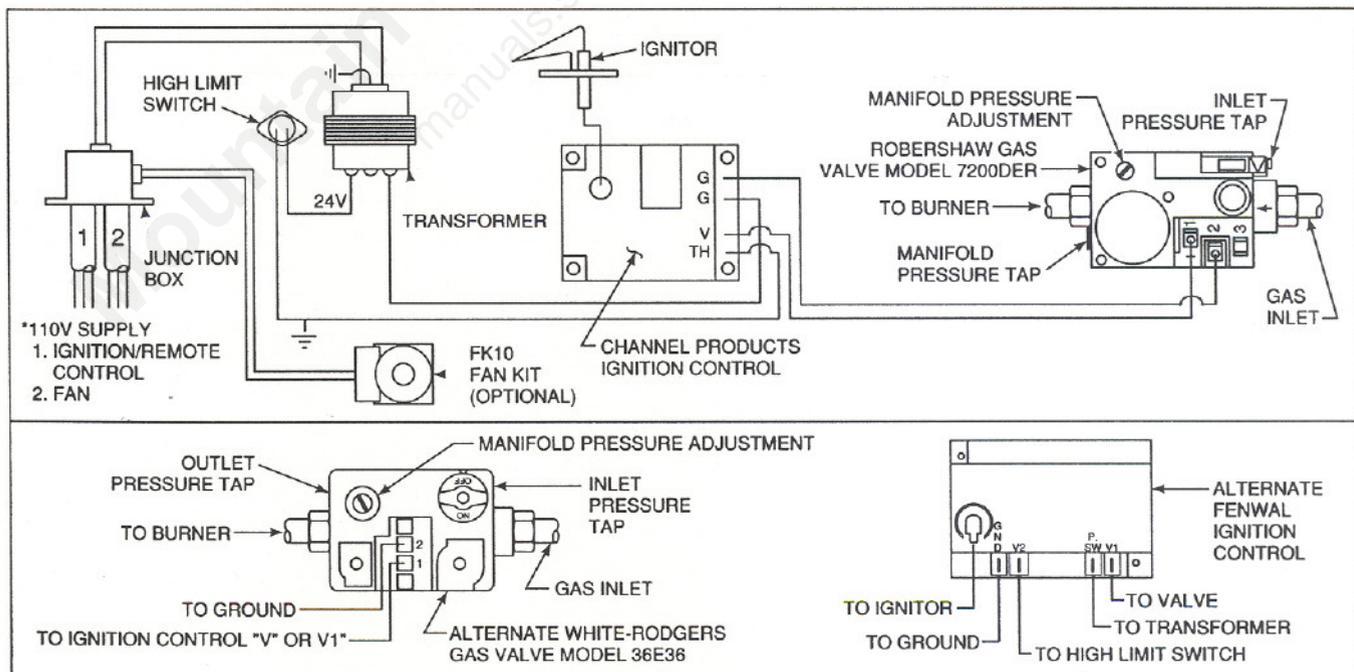
Connect the gas line to the appliance manual valve inlet, using 1/2" pipe. To ease in installation, a listed flexible connector and manual shut-off valve are supplied. The manual shut-off valve may be connected either directly to the gas line or to the gas valve. Gas connections can be made from outside of the appliance by removing the access panel on the right side. See Figure 1. All connections must be checked for leaks with a soap and water solution.

**NOTE: During any pressure testing of the gas supply piping system that exceeds test pressures of 1/2 psig, this appliance and its individual shut-off valve must be disconnected from the piping system. If test pressures equal to or less than 1/2 psig are used in pressure testing the gas supply piping system, this appliance must be isolated from the piping system by closing its individual manual shut-off valve during the testing.**

**STEP 6 - WIRING**

**A. ELECTRONIC IGNITION (GC341E, GC341LE)**

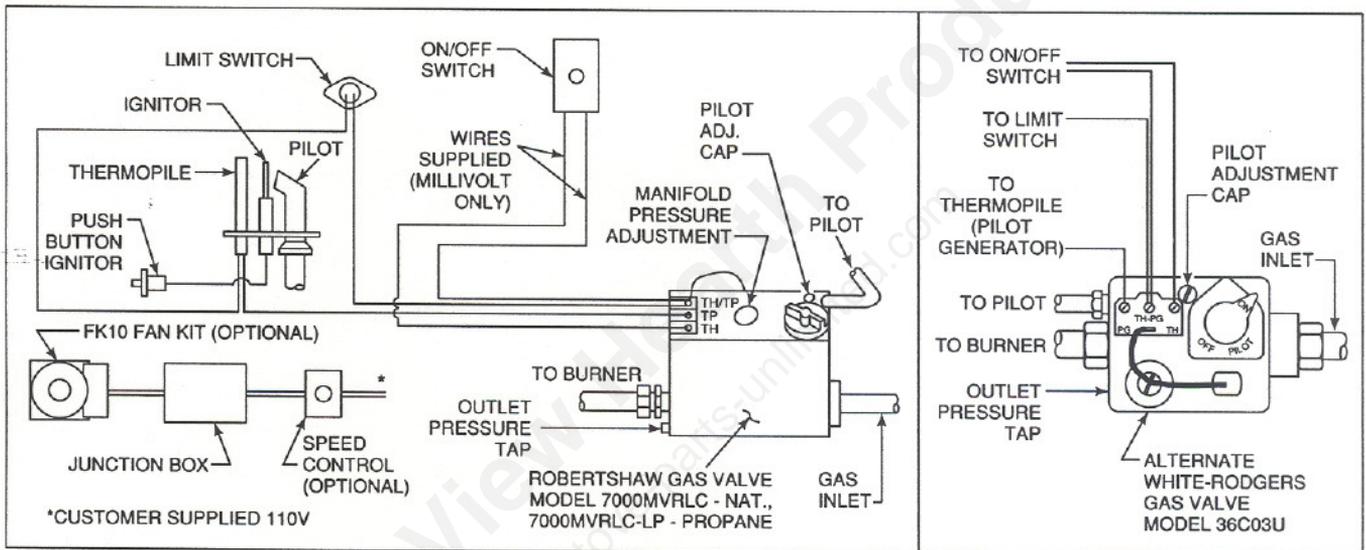
- Code Requirements.** This appliance must be electrically wired and grounded in accordance with local codes or, in the absence of local codes, with National Electric Code ANSI/NFPA 70-latest edition. This appliance is not intended for use with a thermostat.
- Appliance Requirements.** This appliance requires a 110V power supply from a remote wall switch to the appliance junction box for operation. A wiring diagram is shown in Figure 5A.
- Optional Accessories Requirements.** Optional accessories may be added now or at a later date, however, wiring should be done now to avoid significant reconstruction. The optional Fan Kit (FK10) requires a separate 110V power supply from a remote wall switch to the appliance junction box for operation. No additional power supplies are required for the Fan Motor Speed Control (BC10) or the Remote Burner Control (RC5). Wiring diagrams are provided with all accessories.



**Figure 5A**  
Electronic Ignition Wiring Diagram

## B. STANDING PILOT IGNITION (GC341, GC341L)

- Code Requirements.** This appliance must be electrically wired and grounded in accordance with local codes or, in the absence of local codes, with National Electric Code ANSI/NFPA 70-latest edition. This appliance is not intended for use with a thermostat.
- Appliance Requirements.** This appliance comes prewired for a remote wall switch. Connect the two wires penetrating the outside of the appliance to each side of an ON/OFF switch. A wiring diagram is shown in Figure 5B.
- Optional Accessories Requirements.** Optional accessories may be added now or at a later date, however, wiring should be done now to avoid significant reconstruction. The optional Fan Kit (FK10) requires a separate 110V power supply from a remote wall switch to the appliance junction box for operation. No additional power supplies are required for the Fan Motor Speed Control (BC10). The Remote Burner Control (RC4) requires a separate 110V power supply directly to the appliance junction box. Wiring diagrams are provided with all accessories.



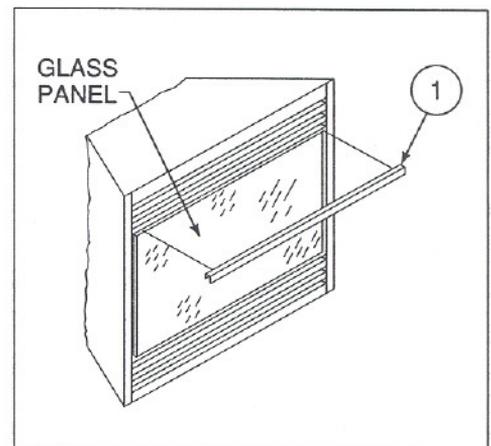
**Figure 5B**  
Standing Pilot Ignition Wiring Diagram

### □ STEP 7 - FINISHING

When finishing the face of the appliance, **combustible** material may be brought up to the sides of the appliance, but must never overlap onto the black metal. The black metal may be covered with **non-combustible** material only. **NOTE: You cannot cover any of the air slots in the appliance, as this may create a fire hazard.** See Figure 1 for air slot locations. If a combustible mantel is to be used, a minimum of 42" from the base of the appliance must be maintained.

### □ STEP 8 - GLASS REMOVAL (See Figure 6)

Do not attempt while hot. Remove the top glass closure, Item 1, by pressing up over the glass. Tilt the glass out and lift to remove. To install the glass, reverse the procedure. **Do not operate this appliance without the glass properly positioned and secured.**



**Figure 6**

### □ STEP 9 - LOG AND EMBER PLACEMENT

Install the vermiculite and logs as shown in Figure 7, page 6 ("A" shows vermiculite, "B" shows logs). Do not pack the vermiculite. Cover only the front portion of the burner and vermiculite shield. Rock wool should be clumped in small pieces on the vermiculite shield directly in front of the burner.

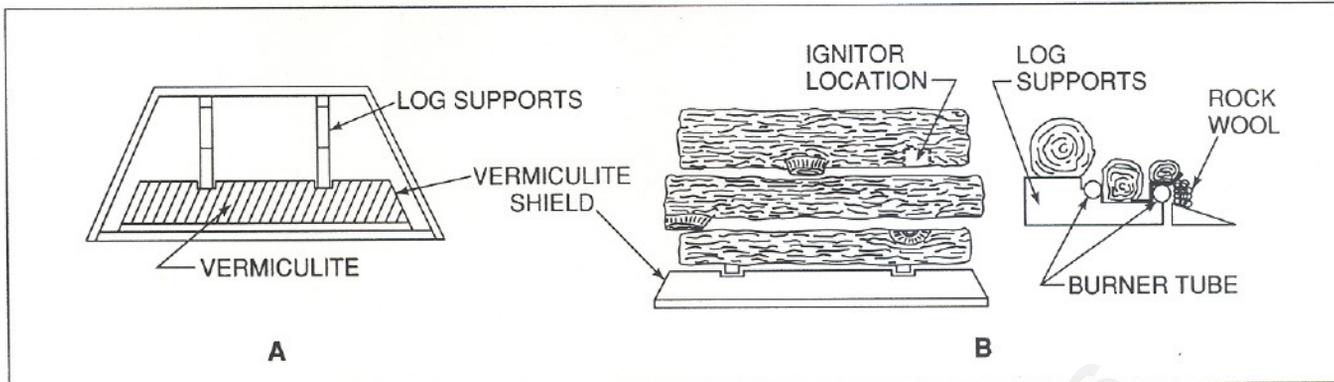


Figure 7

**NOTE: A 2 1/2" spacing must be maintained between front and rear logs. The grate will maintain this distance.**

## V. OPERATING INSTRUCTIONS - ELECTRONIC IGNITION (GC341E, GC341LE)

This gas appliance uses a 24 volt control system, consisting of a Pilot Burner, Thermosensor, Gas Control Valve, Limit Switch and an On/Off Switch.

### A. REMOVAL OF FRONT ACCESS (See Figure 8)

Remove the (2) phillips screws. Lift the panel to disengage the pivot pins and pull the panel forward. The glass panel does not require removal for this. To replace the panel, position it over the pivot pins and return the screws to their original position. The panel does not need screws to stay in place.

### B. LIGHTING PROCEDURE

Steps 1 - 4 are to be followed for initial start-up and seasonal start-up. Step 5 is sufficient for later starts in-season.

1. Turn the remote wall switch to the "Off" position.
- 2.a. Push gas control lever in and slide lever to the "Off" position (Robertshaw).  
b. Rotate gas control knob to the "Off" position (White-Rodgers).
3. Wait five minutes to allow gas, that may have accumulated in the main burner compartment, to escape.
4. Move the gas control to the "On" position.
5. Turn the remote wall switch to the "On" position. This will turn on the main burner.

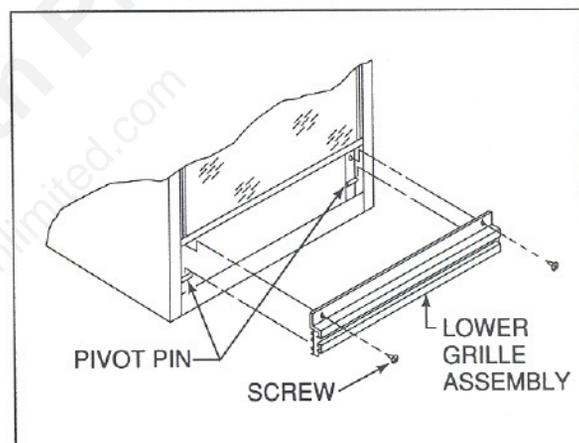


Figure 8

### C. SHUTDOWN PROCEDURE

1. To shut off the main burner, move the remote wall switch to the "Off" position.
2. To shut off the entire system:
  - a. Push gas control lever in and slide lever to the "Off" position (Robertshaw).
  - b. Rotate gas control knob to the "Off" position (White-Rodgers).

## VI. OPERATING INSTRUCTIONS - STANDING PILOT IGNITION (GC341, GC341L)

This gas appliance uses a millivolt control system, consisting of a Pilot Burner, Thermopile, Gas Control Valve, Limit Switch and an On/Off Switch. This unit does not require 110 Volt service to operate.

### A. REMOVAL OF FRONT ACCESS (See Figure 8)

Remove the (2) phillips screws. Lift the panel to disengage the pivot pins and pull the panel forward. The glass panel does not require removal for this. To replace the panel, position it over the pivot pins and return the screws to their original position. The panel does not need screws to stay in place.

## B. LIGHTING PROCEDURE

Steps 1 - 5 are to be followed for initial start-up and seasonal start-up. Step 6 is sufficient for later starts in-season.

1. Turn the remote wall switch to the "Off" position.
2. Push in and turn the gas control knob to the "Off" position. Wait (5) minutes to allow gas, that may have accumulated in the main burner compartment, to escape.
3. Turn the gas control knob to "Pilot".
4. Push and hold the gas control knob all the way in. Immediately light the pilot by pressing the red ignitor button. Continue to hold the gas knob in for about (1) minute after the pilot is lit. Release the knob and it will pop back up. The pilot should remain lit. If it goes out, repeat steps 1 through 4.
5. Turn the gas control knob to the "On" position.
6. Turn the wall switch to the "On" position. This will turn on the main burner.

## C. SHUTDOWN PROCEDURE

For temporary situations, the main burner may be turned off by turning the gas control knob to "Pilot". The pilot burner will then remain lit, ready for return to normal service. For longer periods of shut-off, push the gas control knob down and turn to "Off". This will shut off both the pilot and main burner.

Keep the burner and control compartment clean.

Due to high surface temperatures, keep children, clothing and furniture away.

## D. PILOT BURNER ADJUSTMENT (Preset at Factory)

Under certain circumstances the size of the pilot may have to be adjusted. It is accomplished as follows:

1. Remove the pilot adjustment cap. See Figure 5B, page 5.
2. Adjust the pilot key to provide properly sized flame. See Figure 9B.
3. Replace the pilot adjustment cap.

## VII. MAINTENANCE INSTRUCTIONS

- A. Keep the burner and control compartment clean by brushing and vacuuming at least once a year. Always turn off the valve before cleaning.
- B. Periodically visually check the flame of the burner, making sure the flames are steady; not lifting or floating. The flame color should be blue with yellow tips. The ignitor (electronic) or thermopile (standing pilot) tips should be covered with flame. See Figures 9A or B and 10.

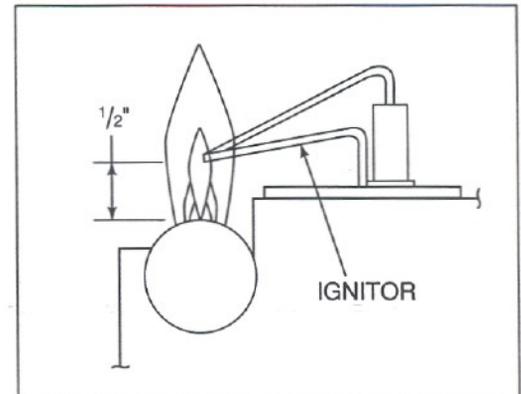


Figure 9A  
(GC341E, GC341LE)

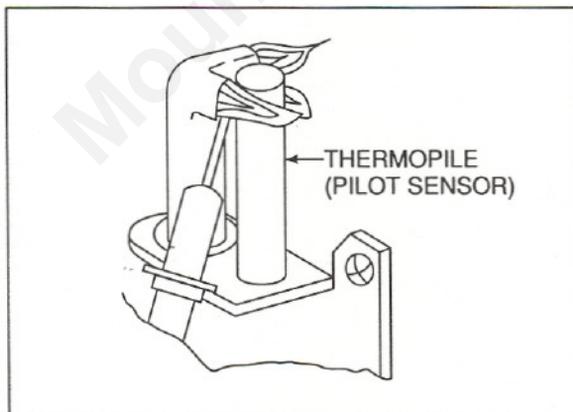


Figure 9B  
(GC341, GC341L)

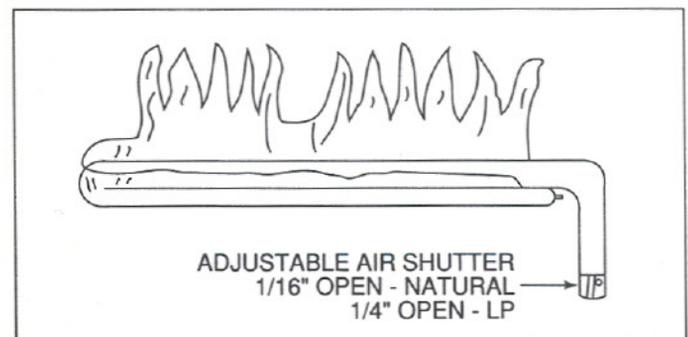


Figure 10

- C. The appliance and venting system should be inspected before use, and at least annually, by a qualified field service person, to ensure that the flow of combustion and ventilation air is not obstructed.

- D. Keep the area near the appliance clear and free from combustible materials, gasoline and other flammable vapors and liquids.
- E. **When first operated, the unit will release an odor for about an hour. This is caused by the curing of the paint and the burning off of any oils remaining from manufacturing.**
- F. **DO NOT OPERATE UNIT WITH GLASS REMOVED.** For glass removal, see Step 8 of the Installation Instructions.
- G. **Each time the appliance is lit, it may cause condensation and fog the glass. This condensation and fog will disappear in a few minutes.**
- H. **GLASS CLEANING.**

It is recommended to wear gloves while handling or removing glass.

To remove glass for cleaning of burner area - **(DO NOT REMOVE WHEN HOT):** See Step 8, page 5.

**NOTE: NEVER use abrasive materials to clean glass. NEVER clean glass when HOT.**

To replace glass, reverse the process.

**CAUTION: Handle glass assembly with care to avoid striking or scratching of glass on hard objects.**

Never operate the appliance without glass properly secured in place or if glass is broken.

In the event of glass breakage, follow glass removal instructions outlined in Step 8, page 5. Remove lower retaining strip in the same manner. This will allow the removal of all glass fragments. Vacuum all remaining glass pieces with a shop vac. **(DO NOT VACUUM IF PIECES ARE HOT.)** Replace glass only with Heatilator assembly number 16146 replacement parts ordered direct or through your local distributor. Never use substitute material. Only 1/4" x 19 7/8" x 33 5/8" fully tempered soda lime safety glass may be used on this appliance.

#### I. **LOG REPLACEMENT AND CLEANING.**

After removing glass, logs can be lifted out of position. If for any reason one should need replacement, you must use the proper replacement log. The position of these logs must be as shown in the diagram under Replacement Parts. **NOTE: Improper positioning of logs may create carbon build-up and will alter the unit's performance.**

Carbon build-up can be removed with a vacuum cleaner.

- J. If an Outside Air Kit (AK14) is to be purchased, substitute the AK14 bracket with the supplemental bracket provided in the Installation bag, and discard the AK14 bracket. See Figure 11.

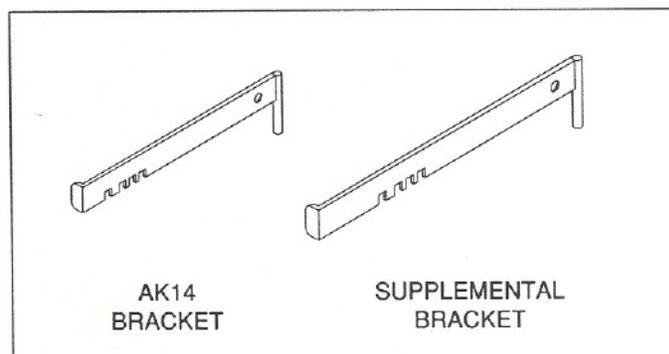


Figure 11

### **WARNING**

**CHILDREN AND ADULTS SHOULD BE ALERTED TO THE HAZARDS OF HIGH SURFACE TEMPERATURE 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.**

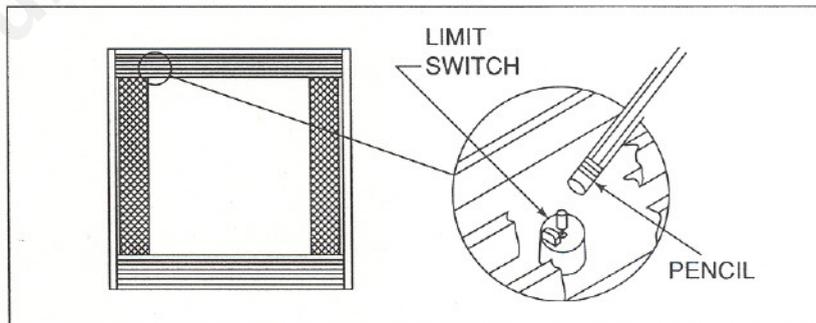
### **CAUTION**

**ANY SAFETY SCREEN OR GUARD REMOVED FOR SERVICING AN APPLIANCE MUST BE REPLACED PRIOR TO OPERATING THE APPLIANCE.**

**CLOTHING OR OTHER FLAMMABLE MATERIAL SHOULD NOT BE PLACED ON OR NEAR THE APPLIANCE.**

## TROUBLE SHOOTING - ELECTRONIC IGNITION (GC341E, GC341LE)

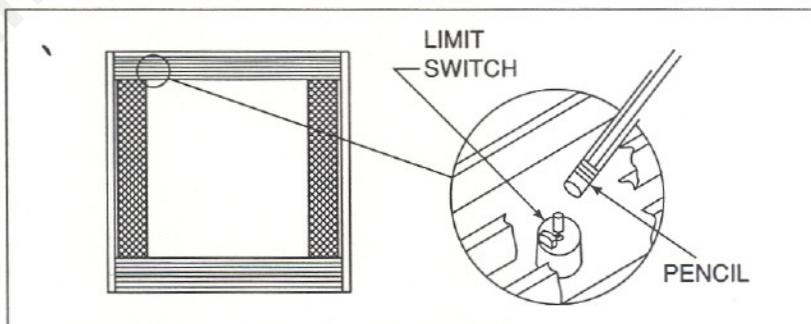
<u>Problem</u>	<u>Cause</u>	<u>Corrective Action</u>
1. Spark ignitor will not light burner after repeated attempts.	A. Defective ignitor.  B. Misaligned electrode at pilot.	Check for loose connections on electrode and ignitor. Check for spark. If electrode connection is correct and no spark, replace ignitor.  Spark should be extending approx. 1/8" to ground wire. Adjust gap to give proper spark. Remove hands from electrode before attempting.
2. Burner will not stay lit.	A. Defective flame sensor.  B. No ground.	Check burner flame. See Figure 9A. Adjust sensor if necessary.  Be sure sensor is secured tight into bracket.  Be sure wiring connections are tight throughout system, including high limit switch.  Check that wiring is grounded as shown in Figure 5A.
3. With valve and wall switch in "ON" position, no gas to burner.	A. Wall switch defective.  B. Plugged burner orifice.  C. Gas valve(s) shut off.	Check power source (fuses).  Check wall switch for proper connections. Check for 24 volt power off secondary on the transformer.  Check burner orifice; remove blockage.  Check all gas valves leading to appliance. Turn to the "ON" position.
4. Glass fogs up.	A. A normal result of gas combustion.	No action is necessary. After the fireplace has warmed up, the glass will clear.
5. Appliance turns itself off after a period of time.	A. High limit safety switch is activated.	Have a qualified service technician check for venting system blockage, e.g., bird nests, damage. Ensure proper venting condition and reset limit switch located on draft hood. To reset limit switch, insert a long narrow object such as a pencil through the hole provided, and press in the button on the back of the limit switch. See Figure 12.



**Figure 12**  
Limit Switch Reset Location

## TROUBLE SHOOTING - STANDING PILOT (GC341, GC341L)

<u>Problem</u>	<u>Cause</u>	<u>Corrective Action</u>
1. Spark ignitor will not light the pilot after repeat pressing of Red Button.	A. Defective ignitor.  B. Misaligned electrode at pilot.	Check for loose connections on electrode and ignitor. Check for spark. If electrode connection is correct and no spark, replace ignitor.  Spark should be extending approx. 1/8" to pilot. Adjust gap to give proper spark. Remove hands from electrode before pressing Red Button.
2. Pilot light will not stay lit.	A. Defective pilot thermopile.	Check pilot flame. See Fig. 9B. Adjust flame if necessary. Be sure thermopile is secured tight into pilot bracket. Be sure wiring connections are tight throughout system, including high limit switch.  Check thermopile voltage with millivolt meter. Depress valve knob and light pilot. Meter should read min. of 325 millivolt. If not, replace the thermopile.
3. With pilot lit, valve and wall switch in "On" position, no gas to burner.	A. Wall switch defective.  B. Plugged burner orifice.	Check wall switch for proper connections. Connect wires across terminal at wall switch. If burner comes on, replace wall switch. If burner does not come on, connect to wall switch junctions at valve. If burner comes on, replace wires.  Check burner orifice; remove blockage.
4. Appliance turns itself off after a period of time.	A. High limit safety switch is activated.	Have a qualified service technician check venting system for blockage, e.g., bird nests, damage. Ensure proper venting condition and reset limit switch located on draft hood. To reset limit switch, insert a long narrow object such as a pencil through the hole provided, and press in the button on the back of the limit switch. See Figure 13.
5. Glass Fogs up.	A. A normal result of gas combustion.	No action is necessary. After the appliance has warmed up, the glass will clear.



**Figure 13**  
Limit Switch Reset Location

**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.

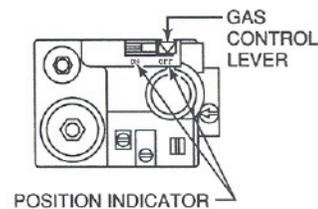
- A. This appliance does not have a pilot. It is equipped with an ignition device which automatically lights the burner. Do not try to light the burner by hand.
- B. BEFORE OPERATING smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.

**WHAT TO DO IF YOU SMELL GAS**

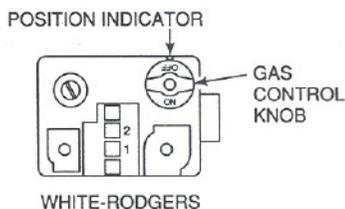
- Do not try to light any appliance.
  - Do not touch any electric switch; do not use any phone in your building.
  - Immediately call your gas supplier from a neighbor's phone.  
Follow the supplier's instructions.
  - If you cannot reach your gas supplier, call the fire department.
- C. Use only your hand to push in and move the gas control lever, or rotate the gas control knob. Never use tools. If the lever will not push in or move 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 which has been under water.

**OPERATING INSTRUCTIONS**

1. STOP! Read the safety information above on this label.
2. Turn wall switch to the "OFF" position.
3. Turn off all electric power to the appliance.
4. This appliance is equipped with an ignition device which automatically lights the burner. Do not try to light burner by hand.
- 5a. Push gas control lever in and move to the "OFF" position (Robertshaw).
- b. Rotate gas control knob to the "OFF" position (White-Rodgers).
6. Wait five (5) minutes to clear out any gas. 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.
7. Move gas control to the "ON" position.
8. Replace control access panel.
9. To turn on burner, turn on all electric power to this appliance.
10. If the appliance will not operate, follow the Instructions "TO TURN OFF GAS TO APPLIANCE" and call your service technician or gas supplier.



ROBERTSHAW



WHITE-RODGERS

**TO TURN OFF GAS TO APPLIANCE**

1. Turn off the wall switch.
2. Turn off all electric power to the appliance if service is to be performed.
3. Push gas control lever in and move to the "OFF" position. Do not force.
4. Replace control access panel.

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.

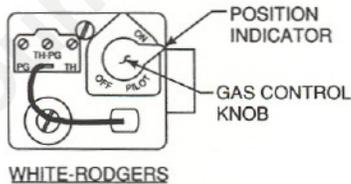
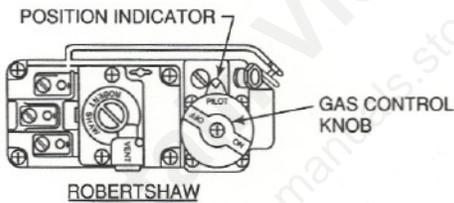
**FOR YOUR SAFETY READ BEFORE LIGHTING**

**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 has a pilot which must be lighted by hand. When lighting the pilot, follow these instructions exactly.
- 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 neighbor's phone. Follow the supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.
- C. Use only your hand to push in or turn 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 which has been under water.

**LIGHTING INSTRUCTIONS**

1. STOP! Read the safety information above on this label.
2. Turn on/off switch to the "OFF" position.
3. Turn off all electric power to the appliance.
4. Remove control access panel.
5. Push in and turn gas control knob clockwise  to "OFF".
7. Find pilot - follow metal tube from gas control. The pilot is behind the burner tube.



8. Turn knob on control counterclockwise  to "PILOT".
  9. Push in the knob all the way and hold in. Immediately light the pilot by pressing the red ignitor button. Continue to hold the control knob in for about (1) minute after the pilot is lit. Release button and it will pop back up. Pilot should remain lit. If it goes out, repeat steps 5 through 9.
    - If button 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.
  10. Turn gas control knob counterclockwise  to "ON". Knob can be turned to "ON" only if the control knob is popped out.
  11. Replace control access panel.
  12. Turn on all electric power to the appliance.
6. Wait five (5) minutes to clear out any gas. If you then smell gas, STOP! Follow "B" in the safety information above on this label. If you don't smell gas, go to next step.

**TO TURN OFF GAS TO APPLIANCE**

1. Turn off the on/off switch.
2. Turn off all electric power to the appliance if service is to be performed.
3. Remove control access panel.
4. Turn gas control clockwise  to "OFF". Do not force.
5. Replace control access panel.

# *Attention*

## APPLIANCE INSTALLER

*Please return these  
Operating & Installation  
Instructions to the  
Appliance  
for Consumer Use*

**heatilator**<sup>®</sup>  
*The first name in fireplaces*

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