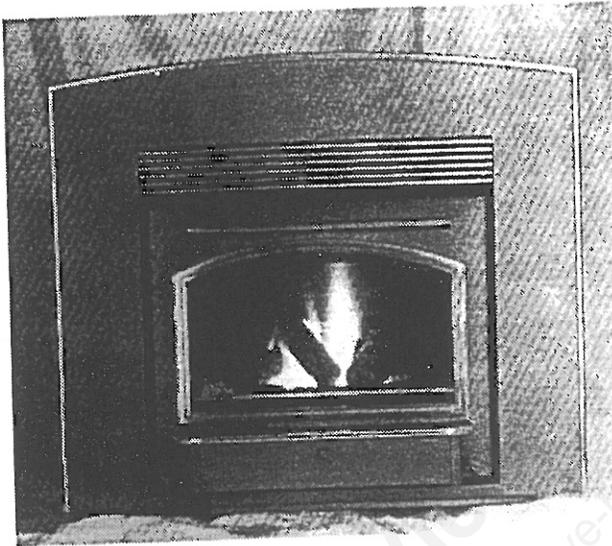


Gas-Fired Vented Room Heaters

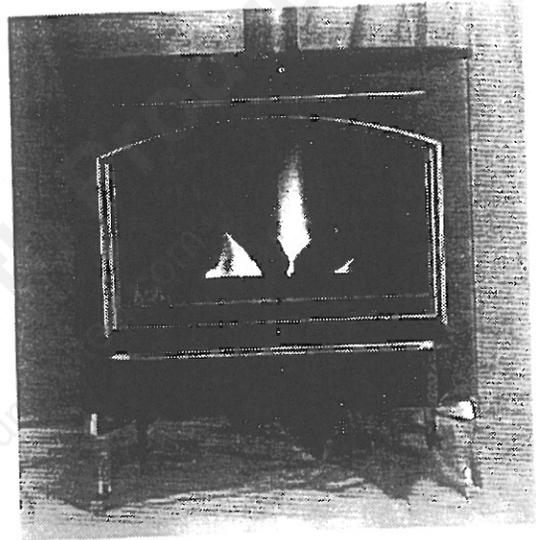
Models 60, 60ZC, 40 & 25

Installation Manual

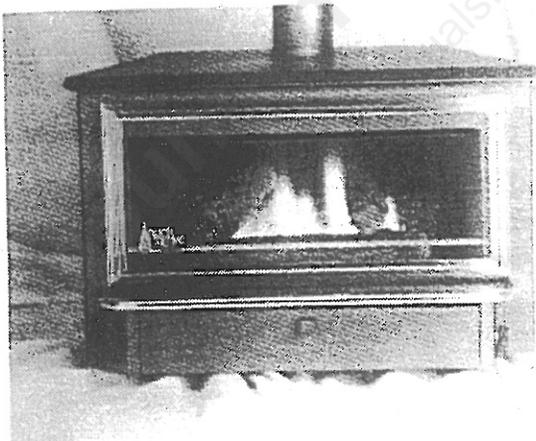
New Buck Corporation



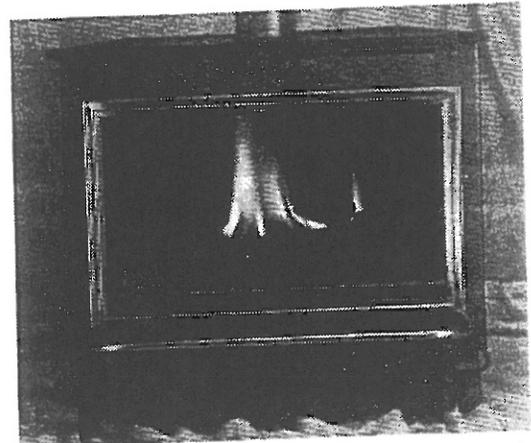
Model 60ZC



Model 60



Model 25



Model 40

FOR YOUR SAFETY

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

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.

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.

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GAS HEATER MODELS 40, 60 & 25

INSTALLATION INSTRUCTIONS

IMPORTANT:

Read this manual before installing and using this gas heater.

Installation and/or repair of this unit should only be done by a qualified installer.

This appliance has been tested to and complies with ANSI Z21.11.1b (1990). Installation must conform with local building codes or, in the absence of local building codes, with national fuel gas code, ANSI Z223.1-1988 NFPA 54 (88).

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
- * Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance

WARNING: 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 which has been under water.

WARNING: Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. For assistance or additional information consult a qualified installer, service agency or the gas supplier.

WARNING: DO NOT REPLACE THE BURNER UNIT WITH ANY OTHER SIZE BURNER. REPLACEMENT WITH AN UNAUTHORIZED BURNER CAN RESULT IN TEMPERATURES EXCEEDING THE LIMITS FOR THIS UNIT, AND VOID YOUR WARRANTY.

FREE STANDING INSTALLATION

A) POSITION THE UNIT

1. Determine the exact position of your gas heater. If possible place the heater in such a manner that the piping will be placed between two wall studs so additional framing is not necessary. Also, try to place unit where flue pipe exit is between two ceiling joist.

NOTE: Maintain minimum clearances. (See Figure 1)

DO NOT allow the combustion and ventilation air to be obstructed. Air enters at the bottom of these units.

NOTE: DUE TO HIGH TEMPERATURES, THESE UNITS SHOULD BE LOCATED OUT OF TRAFFIC AREAS AND AWAY FROM FURNITURE AND DRAPERIES.

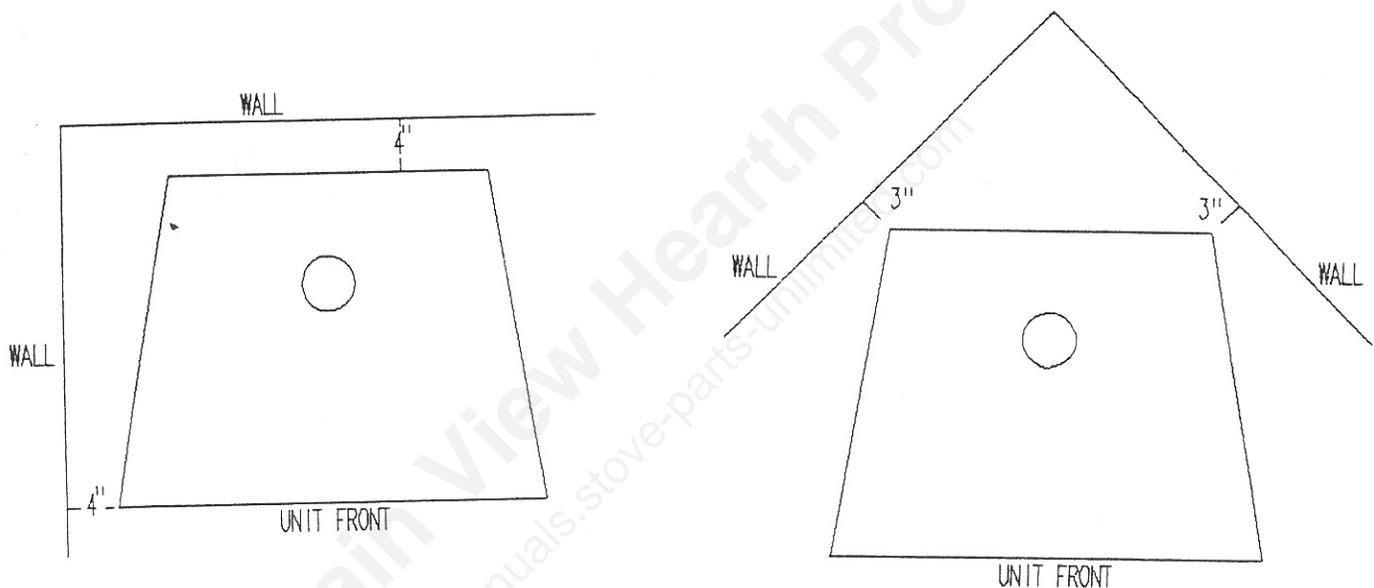


Figure 1

NOTE: When the appliance is installed directly on carpeting, tile or other combustible material, the appliance shall be installed on a listed metal panel extending the full width and depth of the appliance.

WARNING: "Operation of this heater when not connected to a properly installed and maintained venting system or tampering with the vent safety shutoff system, can result in carbon monoxide (co) poisoning and possible death."

B) INSTALL THE CHIMNEY SYSTEM:

WARNING: This gas appliance must not be connected to a chimney flue serving another type of appliance. This heater must be properly connected to a venting system.

Class "B" - 4" flue vent is required for this unit. Follow the vent pipe manufacturer's instruction or NFPA 54 (ANSI Z223.1 1988) for proper installation. Also see Figure 2 for minimum clearances to roof.

CAUTION: The installation must conform to local codes. In the absence of local codes, installation must conform with the National Fuel Gas Code ANSI Z223.1a-1988.

NOTE: This unit is equipped with a safety spill switch. This switch will shut off the unit if there is any problem with the chimney.

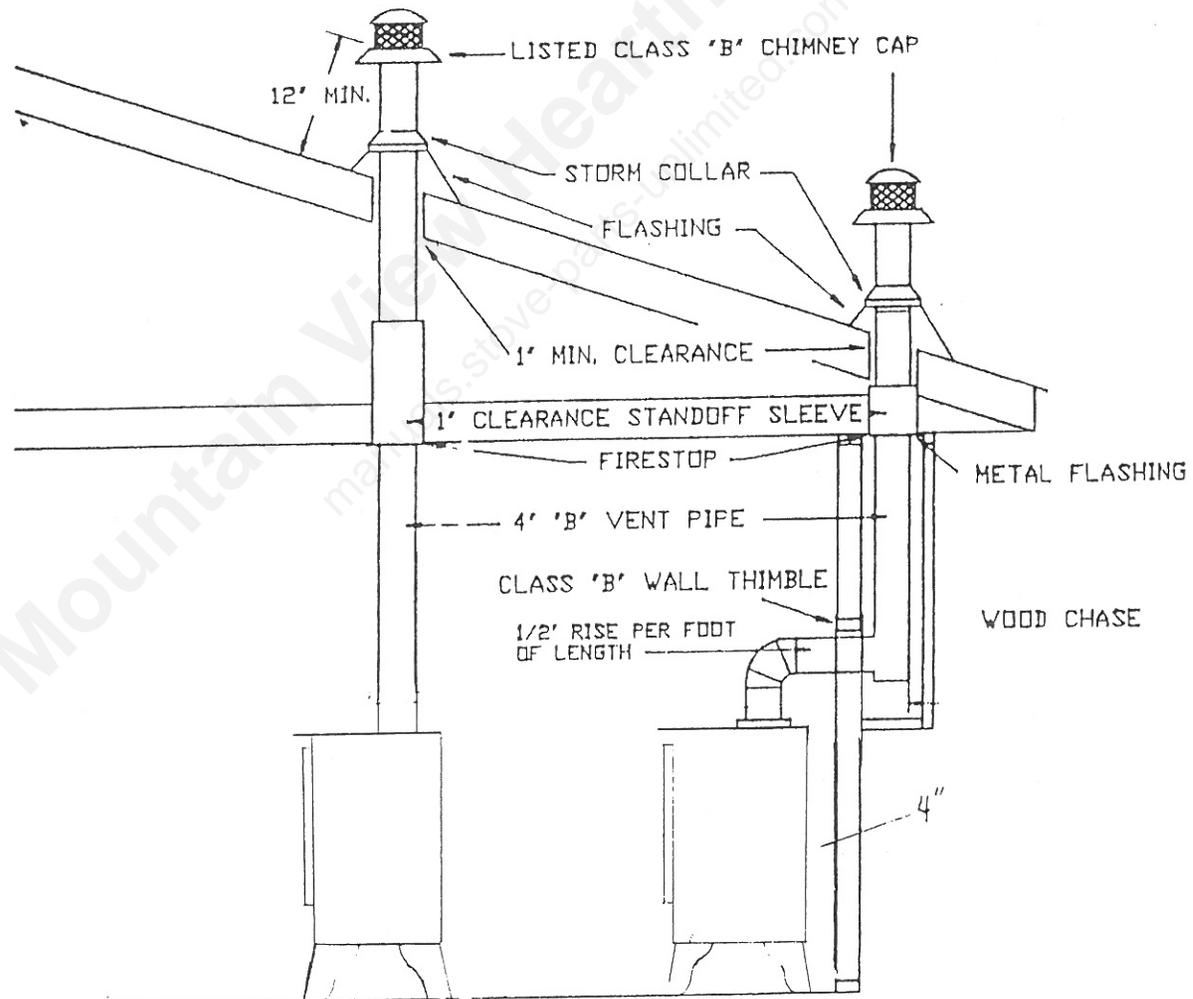


Figure 2

C) REMOVE THE GLASS FRONT

1. The glass front is attached with four screws set into key slots, cut into the face.
2. Push up on the entire framework approximately 1/4" and remove by pulling outward.
3. Set glass enclosure aside where it will not be broken.

D) WIRING - ROOM AIR BLOWER (See Figure 3)

1. Adjust the speed control knob to the desired air flow.

NOTE: The fan will not operate unless the speed control knob has been turned on. The fan will automatically turn on when the air temperature of your unit reaches 110 degrees.

2. This appliance, when installed must be electrically grounded in accordance with local codes, or, in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70-1987.

WARNING: Electrical Grounding Instructions: This appliance is equipped with a three prong (grounding) plug for your protection against shock hazard and should be plugged directly into a properly grounded three-prong receptacle. DO NOT cut or remove the grounding from this plug.

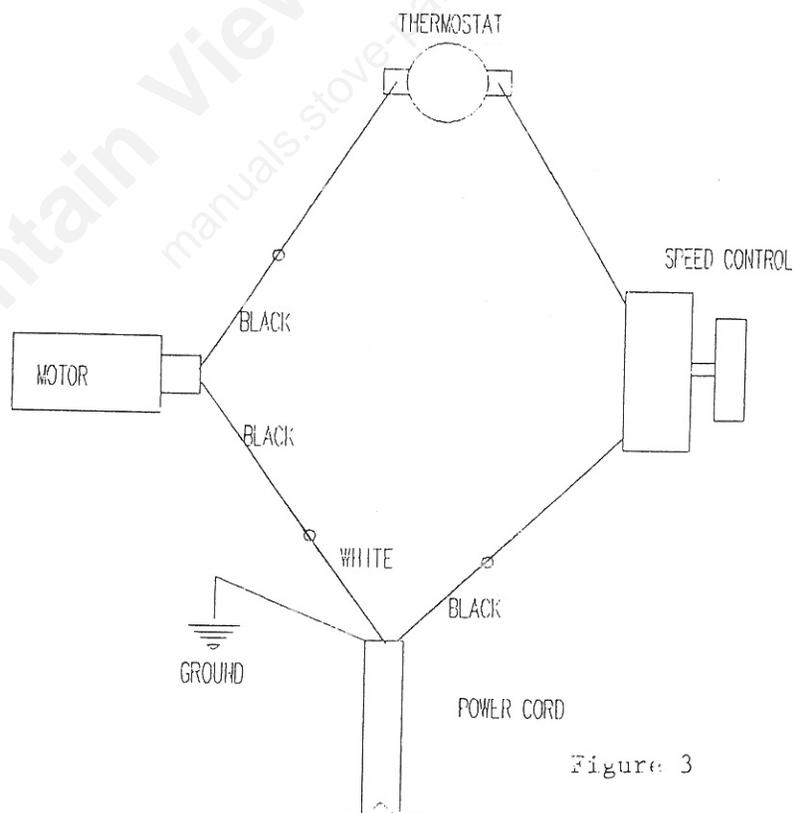


Figure 3

E) CONNECT THE GAS LINE

CAUTION: Installation of the gas line must only be done by a qualified person in accordance with local building codes.

1. Connect gas line. An accessible shut off valve must be installed stream from the unit.

NOTE: DO NOT run the incoming gas line in a manner that would obstruct the operation or removal of the fan.

NOTE: The minimum inlet gas supply pressure is 4.0 inches W.C.
The maximum inlet gas supply pressure is 10.5 inches W.C.

2. This unit is designed to accept either a 3/8" or 1/2" gas line approved for gas appliances. Consult local building codes to properly size the gas supply line leading to a 3/8" reduction.
3. A gas line knockout is positioned on either side of the unit for gas line connection.
4. Attach proper fittings to the regulator board for easier installation.
5. Complete installation of the gas line.

F) WALL SWITCH INSTALLATION (optional)

1. If desired, a wall switch may be used to turn unit off and on.
NOTE: Installation of a wall switch should only be done by a qualified installer.

NOTE: The lower plug-in receptacle is included for the optional remote control unit. See your dealer for details.

2. Run low-voltage (doorbell) wire from the on/off switch, to the desired location of the wall switch.

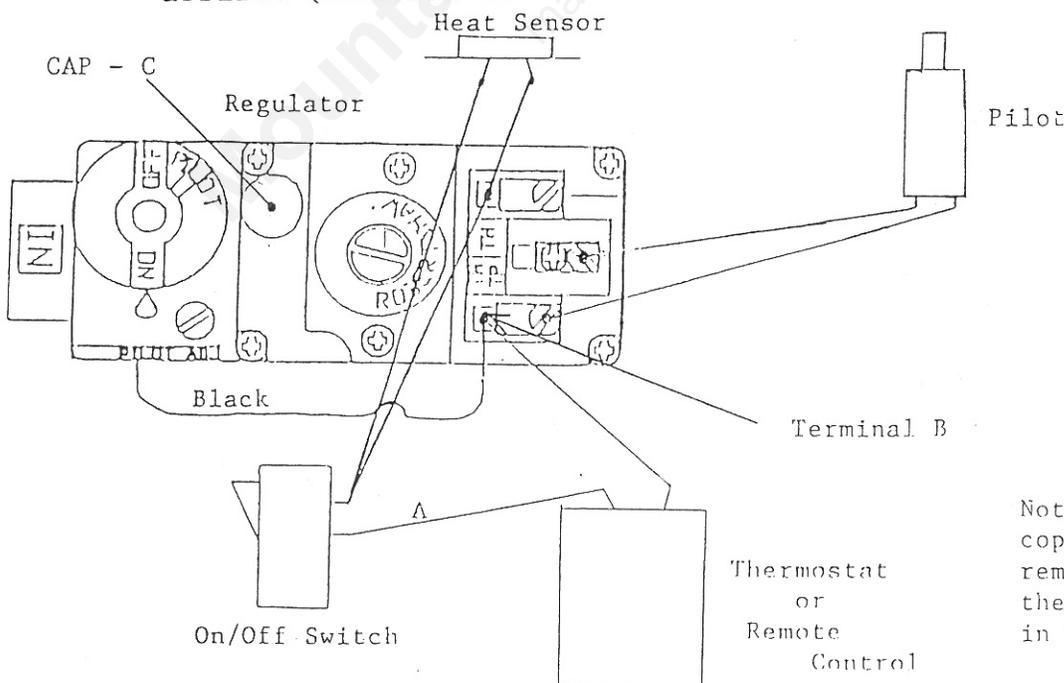


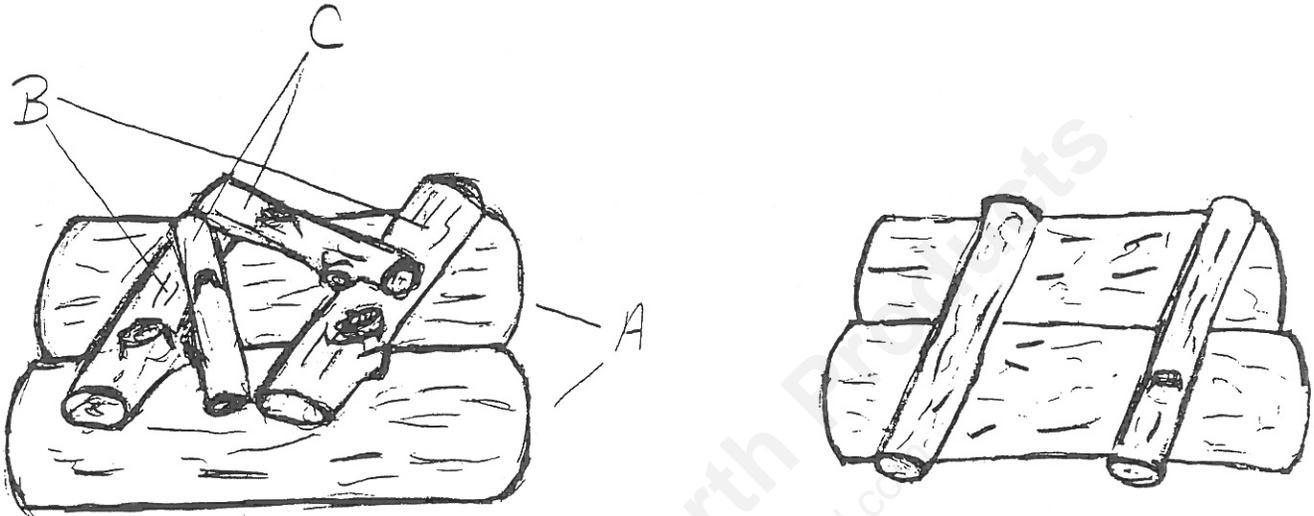
Figure 4

Without the thermostat or remote control wire A will be connected at terminal B. To hook up a thermostat or remote control take wire A off terminal B and connect it to the thermostat or remote control. Then run a wire from the thermostat or remote control to terminal B.

Note: If your pilot has one copper wire running out of it remove the cap-c and screw the copper wire from the pilot in where cap-c was located.

G) COMPLETE THE INSTALLATION

1. Position the logs, either Model 40, 60 or 25 as illustrated below.



Model 60

Figure 5

Model 25 & 40

2. Replace the glass enclosure.

H) LIGHTING AND SHUTDOWN

NOTE: Prior to lighting, check all fittings for leakage. This is accomplished by applying soapy water on all connections made. If there is any leakage bubbles will appear at the point of connections. If bubbles occur, tighten the fittings until the bubbles no longer appear. All connections made at the factory have been previously tested.

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

The 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 (3.5kPa).

An 1/8" NPT plugged tap is located on the right side of regulator, immediately upstream of the gas supply connection to the appliance. This is used for test gauge connection.

NOTE: See example A if your unit automatically lights the pilot.
See example B if unit is equipped with a manual igniter.
Read 1 - 7 before lighting the unit for the first time.

1. Open the cover door.
2. Turn the regulator valve to pilot, push it in and hold.
3. Press the igniter button. If the line is bled out, the pilot will generally light with two to three pushes on the igniter.
4. Hold the pilot in for approximately one to two minutes.
5. Release the pilot valve and the flame should stay lit.
NOTE: If pilot fails to stay lit, wait five minutes and repeat steps 2 through 5. If this continues, consult the trouble shooting guide.
6. Turn the regulator valve to the "on" position.
7. Flip the on/off switch to the on position, (the red is exposed).
8. If you wish to turn the burner off, flip the on/off switch. If a wall switch has been installed, simply turn it off.
NOTE: The pilot will stay lit.
9. To turn off the pilot, push in and turn the valve to the off position.

NOTE: When the unit is initially lit, condensation will appear on the glass, this is normal in all gas fireplaces, and will disappear in one to three minutes.

NOTE: A paint smell will occur during the first few hours of burning, it is recommended to leave the fan off during this period, this will speed up the paint curing process.

NOTE: 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.

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

Example A

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 is equipped with an ignition device which automatically lights the pilot. Do not try to light the pilot 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 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.

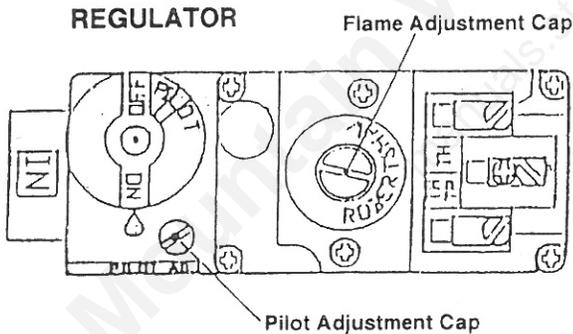
* If you cannot reach your gas supplier, call the fire department.

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 which has been under water.

OPERATING INSTRUCTIONS

1. STOP! Read the safety information above on this label.
2. Set the thermostat to lowest setting.
3. Turn off all electric power to the appliance.
4. This appliance is equipped with an ignition device which automatically lights the pilot. Do not try to light the pilot by hand.



5. Remove control access panel.

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

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

7. 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.

8. Turn gas control knob counter clockwise to "ON".

9. Replace control access panel.

10. Turn on all electric power to the appliance.

11. Set thermostat to desired setting.

12. If the appliance will not operate, follow the instructions "To Turn Off Gas To Appliance" and call your service technician or gas supplier.

TO TURN OFF GAS TO APPLIANCE

1. Set the thermostat to lowest setting.
2. Turn off all electric power to the appliance if service is to be performed.
3. Remove control access panel.

4. Push in gas control knob slightly and turn clockwise to "OFF". Do not force.

5. Replace control access panel.

Example B

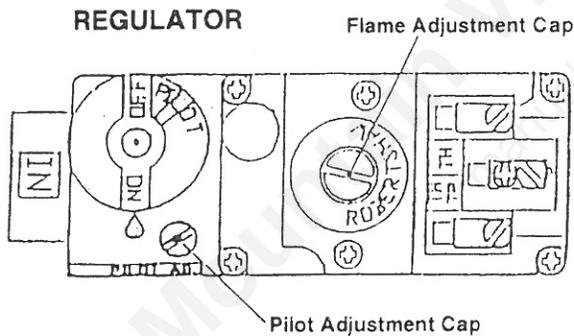
FOR YOUR SAFETY READ BEFORE OPERATING

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 which 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 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.
- 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 which has been under water.

LIGHTING INSTRUCTIONS

1. STOP! Read the safety information above on this label.
2. Set the thermostat to lowest setting.
3. Turn off all electric power to the appliance.
4. Remove control access panel.
5. 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.

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.
7. Remove the pilot access panel located below and behind the gas control unit.
8. Find pilot - follow metal tube from gas control. The pilot is between the two burner tubes behind the pilot access panel.
9. Turn knob on gas control counterclockwise to "PILOT".
10. Push in control knob all the way and hold in. Immediately light the pilot with the Piezo button. Continue to hold the control knob in for about one (1) minute after the pilot is lit. Release knob and it will pop back up. Pilot should remain lit. If it goes out, repeat steps 5 through 10.

*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.

11. Replace pilot access panel.
12. Turn gas control knob counterclockwise to "ON".
13. Replace control access panel.
14. Turn on all electric power to the appliance.
15. Set thermostat to desired setting.

TO TURN OFF GAS TO APPLIANCE

1. Set the thermostat to lowest setting.
2. Turn off all electric power to the appliance if service is to be performed.
3. Remove control access panel.
4. Push in gas control knob slightly and turn clockwise to "OFF". Do not force.
5. Replace control access panel.

ALCOVE INSTALLATION

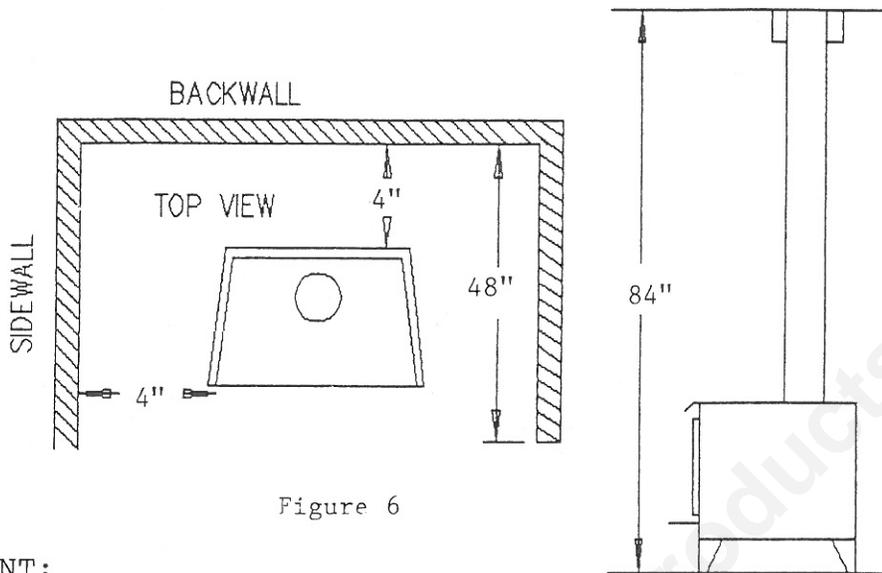


Figure 6

IMPORTANT:

1. Caution: Read entire manual before installing unit.
2. For clearances see figure 6.
3. This unit may be installed with either igniter. See Example A or B.
4. For installation information see pages 3 - 10.

FOR YOUR SAFETY:

What To Do If You Smell Gas

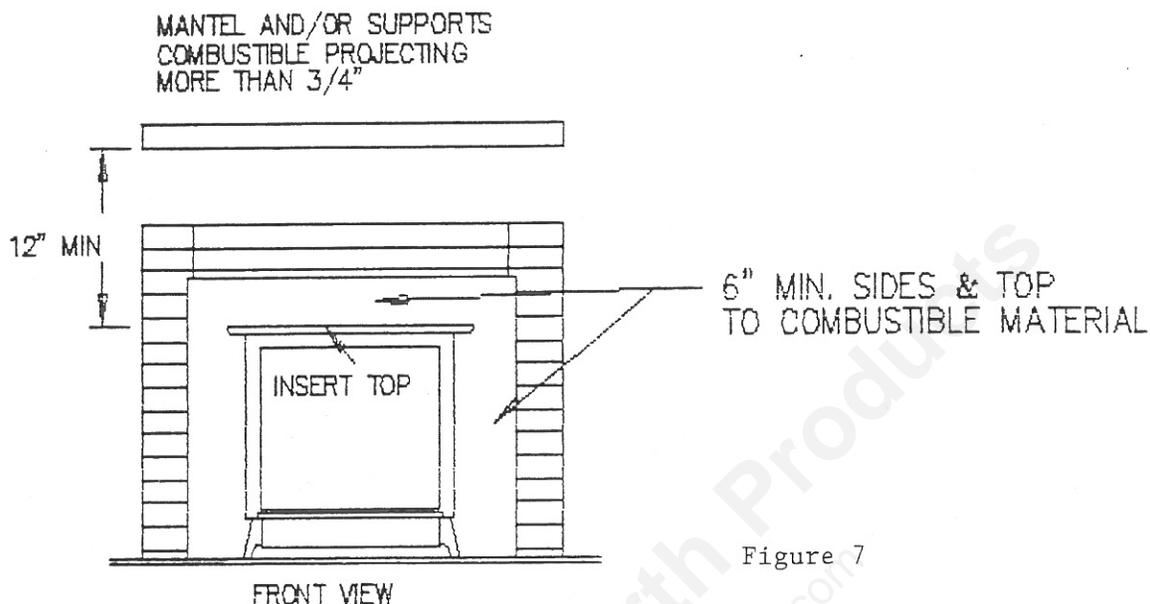
- * Do not try to light any appliance
- * Do not touch any electrical switch
- * Do not use any phone in your building
- * Immediately call your gas supplier from a neighbor's phone
Follow the gas supplier's instructions
- * If you cannot reach your gas supplier, call the fire department
- * Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance

WARNING: 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 which has been under water.

WARNING: Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. For assistance or additional information consult a qualified installer, service agency or the gas supplier.

WARNING: DO NOT REPLACE THE BURNER UNIT WITH ANY OTHER SIZE BURNER. REPLACEMENT WITH AN UNAUTHORIZED BURNER CAN RESULT IN TEMPERATURES EXCEEDING THE LIMITS FOR THIS UNIT, AND VOID YOUR WARRANTY.

PRE-FAB FIREPLACE INSERT INSTALLATION



IMPORTANT: READ ENTIRE MANUAL BEFORE ATTEMPTING TO INSTALL THESE UNITS.

1. For clearance see Figure 7.
 2. Failure to follow instructions will result in improper burning of unit and voids all warranties and liability of manufacturer.
- NOTE: Do not allow the combustion and ventilation air to be obstructed. Combustion air enters at the bottom of each unit.

- A. Model 40 pre-fab fireplace inserts must be installed on legs long enough to leave at least 1" air space from outer skin to bottom of fireplace.
- B. Model 60 pre-fab fireplace inserts must be installed on $\frac{1}{4}$ " material provided with kit, to leave at least $\frac{1}{4}$ " air space from outer bottom to bottom of fireplace. Trim panels may be connected directly to side of unit.
- C. Model 25 may be installed in any pre-fab fireplace that will accept its height. Trim panels must be installed BEHIND slots on outer skin.

3. All units must be vented with 4" pipe from top of unit to entire height of existing chimney.
4. Pre-fab fireplace inserts must be equipped with manual igniter. See example B for light up and shut down instructions.

CAUTION: Read 1 - 7, page 10 carefully before lighting your unit for the first time.

NOTE: TRIM PANELS CANNOT COVER EXISTING COOLING OR LOUVERED VENTS ON ANY PRE-FAB FIREPLACE.

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
- * Do not store or use gasoline or other flammable vapors
and liquids in the vicinity of this or any other appliance.

WARNING: 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 which has been under water.

WARNING: Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. For assistance or additional information consult a qualified installer, service agency or the gas supplier.

WARNING: DO NOT REPLACE THE BURNER UNIT WITH ANY OTHER SIZE BURNER. REPLACEMENT WITH AN UNAUTHORIZED BURNER CAN RESULT IN TEMPERATURES EXCEEDING THE LIMITS FOR THIS UNIT, AND VOID YOUR WARRANTY.

Example B

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 which 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 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.

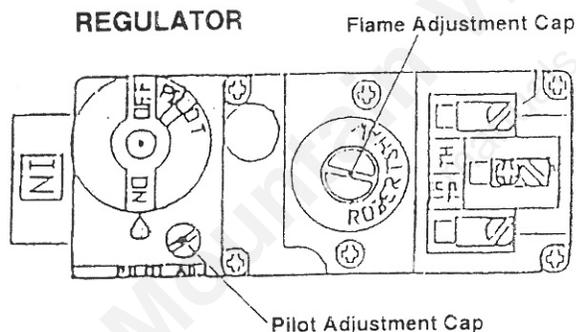
* If you cannot reach your gas supplier, call the fire department.

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 which has been under water.

LIGHTING INSTRUCTIONS

1. STOP! Read the safety information above on this label.
2. Set the thermostat to lowest setting.
3. Turn off all electric power to the appliance.
4. Remove control access panel.
5. 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.

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.

7. Remove the pilot access panel located below and behind the gas control unit.
8. Find pilot - follow metal tube from gas control. The pilot is between the two burner tubes behind the pilot access panel.
9. Turn knob on gas control counterclockwise to "PILOT".
10. Push in control knob all the way and hold in. Immediately light the pilot with the Piezo button. Continue to hold the control knob in for about one (1) minute after the pilot is lit. Release knob and it will pop back up. Pilot should remain lit. If it goes out, repeat steps 5 through 10.

- * 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.

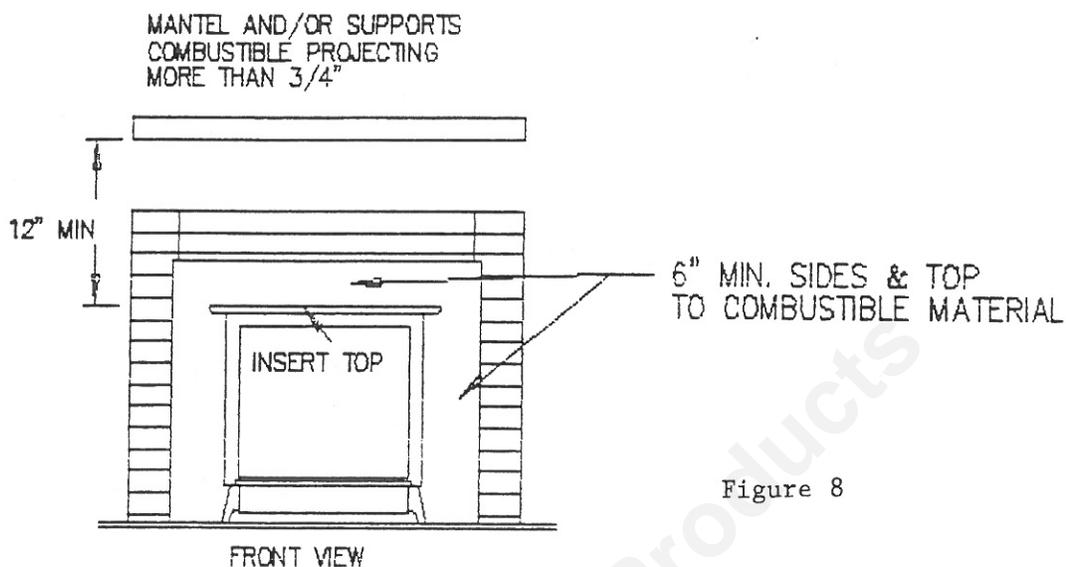
11. Replace pilot access panel.
12. Turn gas control knob counterclockwise to "ON".
13. Replace control access panel.
14. Turn on all electric power to the appliance.
15. Set thermostat to desired setting.

TO TURN OFF GAS TO APPLIANCE

1. Set the thermostat to lowest setting.
2. Turn off all electric power to the appliance if service is to be performed.
3. Remove control access panel.

4. Push in gas control knob slightly and turn clockwise to "OFF". Do not force.
5. Replace control access panel.

MASONRY INSERT INSTALLATION



IMPORTANT:

1. Caution: Read entire manual before installing unit.
2. For clearance see Figure 8.
3. Masonry inserts must be installed as follows:
 - A. Model 40 masonry inserts must be installed on legs long enough to leave at least 1" air space from outer skin to bottom of fireplace.
 - B. Model 60 masonry insert must be installed on $\frac{1}{4}$ " material provided with kit, to leave at least $\frac{1}{4}$ " air space from outer bottom to bottom of fireplace. Trim panels may be connected directly to side of unit.
 - C. Model 25 may be installed in any masonry fireplace that will accept its height. Trim panels must be installed BEHIND slots on outer skin.
4. All units must be vented with 4" pipe from top of unit to entire height of existing chimney.
5. For masonry inserts your units must be equipped with manual igniter. See example B for light up and shut down instructions.

CAUTION: Read 1 - 7, page 10 carefully before lighting your unit for the first time.

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
- * Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance

WARNING: 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 which has been under water.

WARNING: Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. For assistance or additional information consult a qualified installer, service agency or the gas supplier.

WARNING: DO NOT REPLACE THE BURNER UNIT WITH ANY OTHER SIZE BURNER. REPLACEMENT WITH AN UNAUTHORIZED BURNER CAN RESULT IN TEMPERATURES EXCEEDING THE LIMITS FOR THIS UNIT, AND VOID YOUR WARRANTY.

Example A

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 is equipped with an ignition device which automatically lights the pilot. Do not try to light the pilot 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 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.

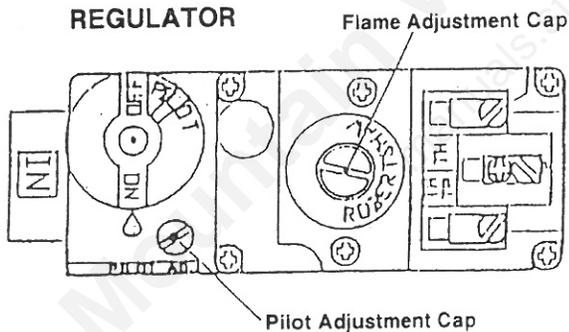
* If you cannot reach your gas supplier, call the fire department.

- 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 which has been under water.

OPERATING INSTRUCTIONS

1. STOP! Read the safety information above on this label.
2. Set the thermostat to lowest setting.
3. Turn off all electric power to the appliance.
4. This appliance is equipped with an ignition device which automatically lights the pilot. Do not try to light the pilot by hand.



5. Remove control access panel.
6. Push in gas control knob slightly and turn clockwise to "OFF".

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

7. 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.
8. Turn gas control knob counter clockwise to "ON".
9. Replace control access panel.
10. Turn on all electric power to the appliance.
11. Set thermostat to desired setting.
12. If the appliance will not operate, follow the instructions "To Turn Off Gas To Appliance" and call your service technician or gas supplier.

TO TURN OFF GAS TO APPLIANCE

1. Set the thermostat to lowest setting.
2. Turn off all electric power to the appliance if service is to be performed.
3. Remove control access panel.

4. Push in gas control knob slightly and turn clockwise to "OFF". Do not force.
5. Replace control access panel.

I) MAINTENANCE REQUIREMENTS

1. This appliance should be inspected at least once a year by a professional service person.

NOTE: 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, ETC. IT IS IMPERATIVE THAT CONTROL COMPARTMENTS, BURNERS AND CIRCULATION AIR PASSAGEWAYS OF THE APPLIANCE BE KEPT CLEAN.

2. The room air blower should be disconnected from electrical current, removed and cleaned every six months. Check and clean fan blades every 6 months.

3. Yearly examination of the venting system by a qualified agency is required. First remove the glass on the front of the unit. The burner should be covered or removed before cleaning. Inside, at the top of the unit, there are two 9/16" nuts. Remove the nuts and the baffles to expose the lower end of the flue gas exit. Inspect the exterior of the house, remove the chimney cap and check the flue gas exit and clean with a brush. Vacuum any residue.

4. Annual cleaning of the burner is required. Clean with a few strokes of a steel brush.

5. Visually check the pilot light and burner when they are burning. The pilot flames should be steady, not lifting or floating.

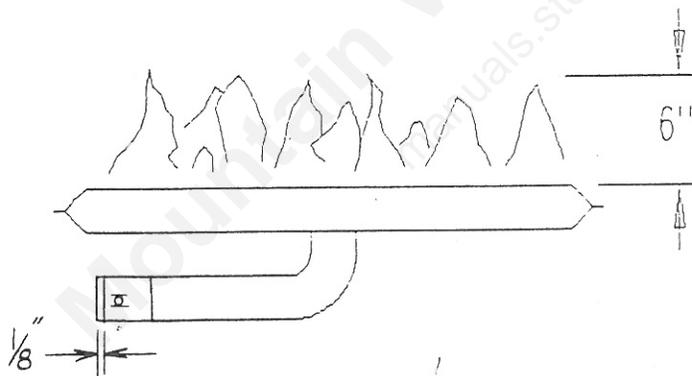
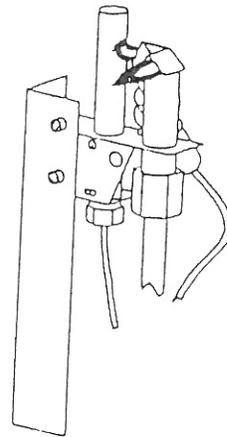


Figure 9



minimum

NOTE: Reinstall glass door before operating the unit. ANY SAFETY SCREEN OR GUARD REMOVED FOR SERVICING AN APPLIANCE MUST BE REPLACED PRIOR TO OPERATING THE APPLIANCE. AIR INTAKE ON BURNER CANNOT BE CLOSED OFF ANY CLOSER THAN 1/8". KEEP THE APPLIANCE AREA CLEAR OF COMBUSTIBLE MATERIALS, SUCH AS GASOLINE AND OTHER FLAMMABLE VAPORS AND LIQUIDS.

TROUBLE SHOOTING GUIDE

NOTICE: The regulator board includes the following items:
Regulator, Generator, Pilot, Piezo, Electrode,
Rocker Switch, Burner, Orifice and orifice holder.

If any of these items are defective, replacement of the entire board would be easier and would not void the warranty. Please contact your dealer if this becomes necessary.

1. If unit fails to ignite, a qualified service person should check the units installation.

2. It is imperative that the control compartment burners and circulating air passageways of the unit be kept clean. This is necessary to provide adequate combustion and ventilation air.

PROBLEM	CAUSE	SOLUTION
Pilot won't light	Gas shut off	Turn gas on
	Gas line not bled out	Hold valve knob in long enough to bleed out line
	Not holding regulator valve in long enough	Hold in longer
Pilot won't stay lit	Not holding pilot button in long enough	Hold button in long enough to heat generator
	Generator wires loose at regulator terminals	Reposition wire and tighten screws
	Generator wire grounded out due to pinching during installation of regulator board	The nuts on regulator board may need loosening to remove pinched wire

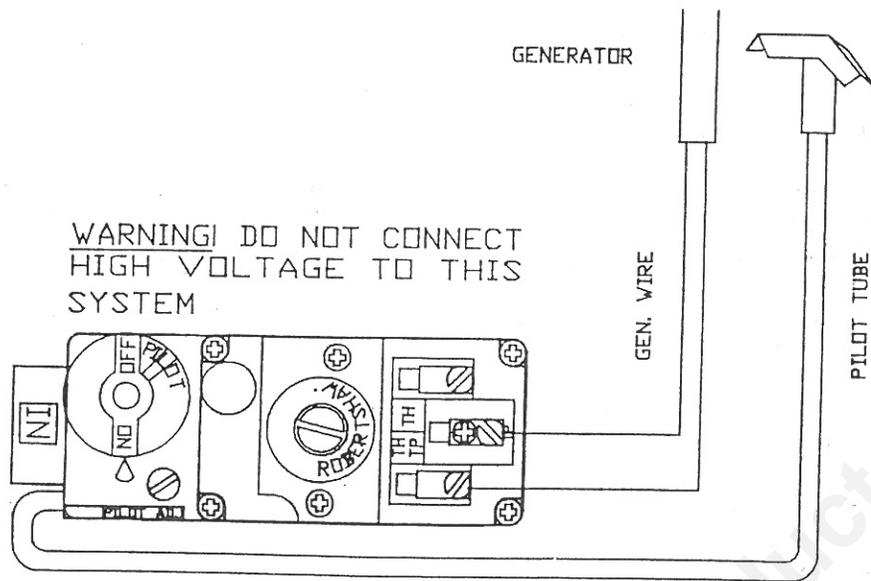


Figure 10

PROBLEM	CAUSE	SOLUTION
No spark when Piezo button is depressed	The nut which hold the Piezo in place is loose	Tighten nut
	Wire on back of Piezo button is loose or off	Put wire back in place
	Wire from Piezo to electrode is loose	Reconnect wire
	Electrode moved out of position	Realign electrode with 1/8" space between it and pilot
Burner won't light	Pilot not lit	Relight pilot
	Regulator valve not turned on	Turn valve to "on"
	Rocker switch not turned on	Press bottom of switch exposing the "Red" or on indicator
	Rocker switch wire not connected	Check wiring diagram and ensure all wires are secure
Fire goes out after running for several minutes	Obstructed chimney or down draft	Check chimney for obstruction
	Chimney not high enough	Add more chimney

REPLACEMENT PARTS

PART	PART NUMBER
Fan Motor	PE CFRAME
Rheostat	PE BC204
Power Cord	PE 410712
Thermostat	PE 400130
Hearth Brass	PO 400705
Door Glass	
Model 25	PG 25
Model 40	PG 40
Model 60	PG 60
Spill Switch	
Model 25	PE 400200
Model 40	PE 400300
Model 60	PE 400300
Logs	
Model 25	PO 4018 LG
Model 40	PO 4018 LG
Model 60	PO 4019 LG
Glass Door Brass	
Model 25	PO 25GLBR
Model 40	PO 40GLBR
Model 60	PO 60GLBR
Gas Burner Units	
Automatic Regulator	PO GAS1A1
Manual Regulator	PO GAS2M1

Parts can be purchased at any authorized Buck Stove Dealer.

Zero Clearance Cabinet Model 60ZC

**for use with gas-fired vented room heater
Model 60 only**

FEATURES

PREPARATION INSTALLATION

OPERATION MAINTENANCE SAFETY

SAFETY NOTICE

For your safety, follow the installation directions. Contact local building or fire officials about restrictions and installation inspection requirements in your area.

"WARNING"

"THIS IS NOT A FIREPLACE"

Do not attempt to build a fire in this product. It has been designed and safety tested for use only with Model 60. Manufactured by New Buck Corp. Read and follow the installation and operating instructions for this model. Do not remove or cover this label.

NEW BUCK CORPORATION

PI-ZC60GAS

RESIDENTIAL INSTALLATIONS

The Zero-Clearance Cabinet and the Model 60 (hereafter referred to as the ZC60) is designed for installation in a family dwelling where minimum clearance is desired.

INSTALLATION PRECAUTIONS

The following precautions are mandatory for a safe installation:

- A. Compliance with local building codes and regulations is mandatory.
- B. Be careful not to damage unit in handling and unpacking component parts and accessories.
- C. A two-inch clearance must be maintained between the chimney and any combustible materials at all points.
- D. DO NOT build a fire directly inside the ZC Cabinet. It is designed solely for housing the Model 60 Gas Stove.
- E. Do not connect this unit to a chimney serving another appliance.

SELECTING A CHIMNEY INSTALLATION AND LOCATION:

There are two basic types of chimney installations possible with the ZC60. Straight up through a ceiling, and chase installation, either outside or inside. These are normally used as follows:

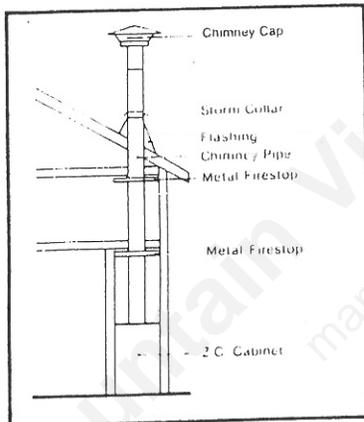


FIGURE 1 Through Ceiling

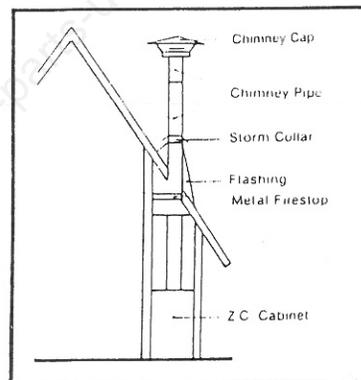


Figure 2 Through High

NOTE: Use metal fire stop if required.

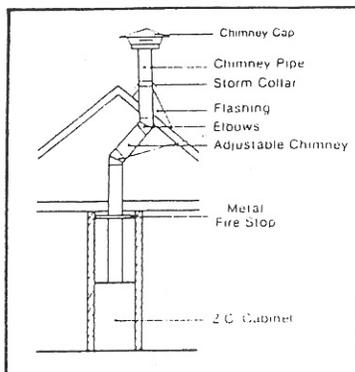


Figure 3 Offset to Clear Obstruction



CAUTION: Refer to chimney manufacturers instructions for assembly and disassembly of chimney parts. Be sure to follow chimney instructions for proper clearances to combustibles and proper air spacing required.

NOTE: Chase installation: (See Figure 3). A chase is an enclosure built specifically to house a chimney. The interior of a chase is open from the ZC60 to the roof, eliminating the need to cut through ceilings and the roof. Normally, a chase is built outside and against the exterior wall of a home. A hole is cut through the wall, and the ZC60 is located in the bottom of the chase, with the front of the unit flush with the interior wall. Chases are commonly veneered on the outside with brick, stone or wood to give the appearance of a conventional fireplace flue. Occasionally, they are built inside and boxed in, similar to a stairwell. When making a chase installation, it is important to read the chimney manufacturer's instructions prior to building, as there are specific requirements for bracing a free-standing flue and must be planned for. There are also occasions where offsets are used within a chase to accommodate unusual building designs, or to locate the ZC60 further into a room.

FRAMING CONSTRUCTION AND INSTALLATION:

Except as noted, the ZC60 can be installed almost anywhere you desire. There are, however, a few clearance and framing restrictions that must be followed. See Figures 3 and 4 to make sure that these clearance restrictions are met. It is much wiser to place your ZC60 correctly at the start of the installation than to be forced to relocate it after much of the work is done.

Good planning is essential for a satisfactory installation, therefore, at this point you should have decided where the ZC60 is to be located and the route the chimney will follow to the roof - straight up, or chase. If you cannot decide the best route, contact your Dealer for assistance with the planning.

Below (Figure 4) are framing location examples with depth dimensions for some typical configurations. These are finished measurements so install accordingly.

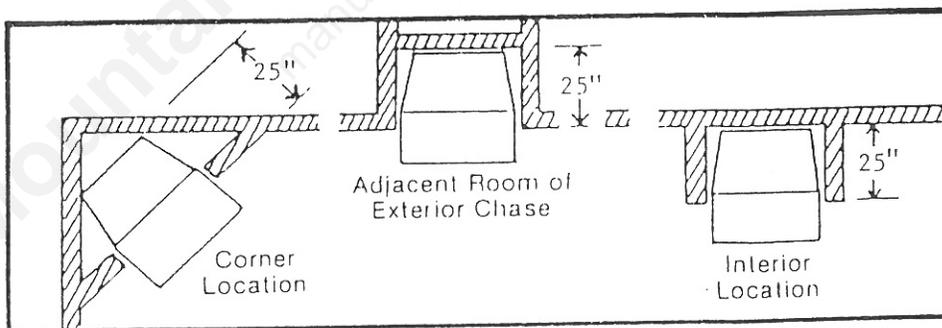


FIGURE 4

Position ZC60 for installation as follows:

1. Thoroughly clean the area where the unit will be placed. Remove any carpeting/padding from the area where the ZC60 will be installed.
2. Lay out the location on the floor for ZC cabinet. (See Figure 4)

3. Now, you are ready to install the chimney system for the ZC60. If you are building an outside chase, follow pipe manufacturer instructions.

4. Obtain the 4" B vent listed pipe and install on ZC60 starter section. See Figure 5.

A. Obtain the two short sheet metal "E11" brackets and sheet metal screws provided with the ZC60 and secure the starter section to the ZC60.

B. Continue adding lengths of chimney until you are ready to penetrate another ceiling or the roof.

C. Once the roof penetration is made, install the flashing.

D. Add applicable lengths of chimney extending through the roof until the following conditions are met:

The chimney must extend a minimum of two feet higher than any portion of the building within ten feet of the chimney.

E. Install the chimney cap and storm collar.

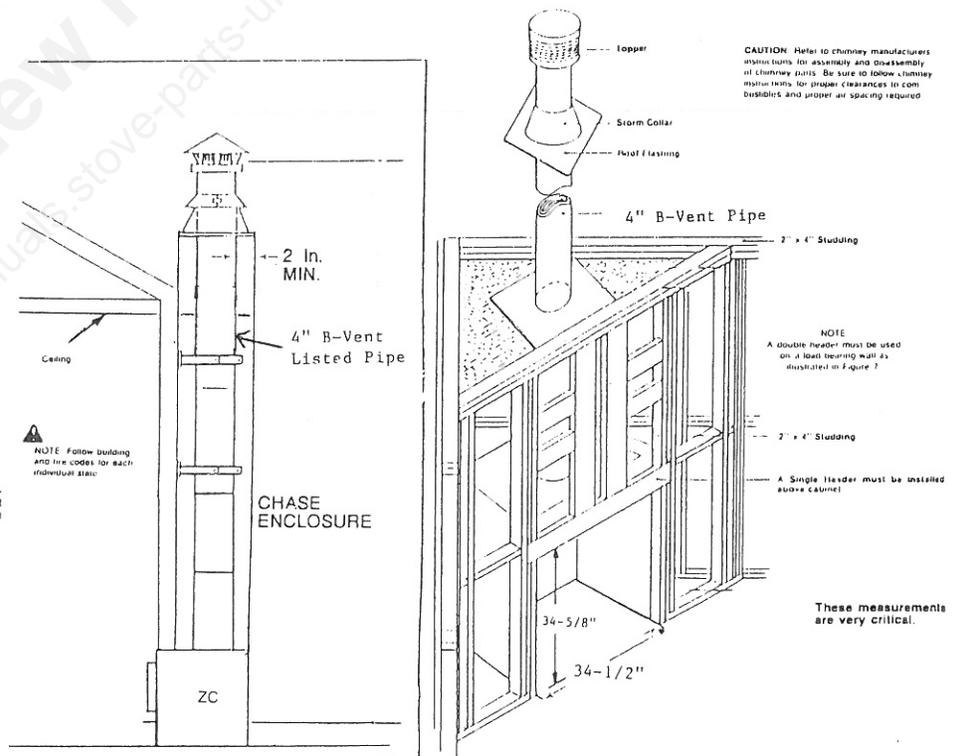
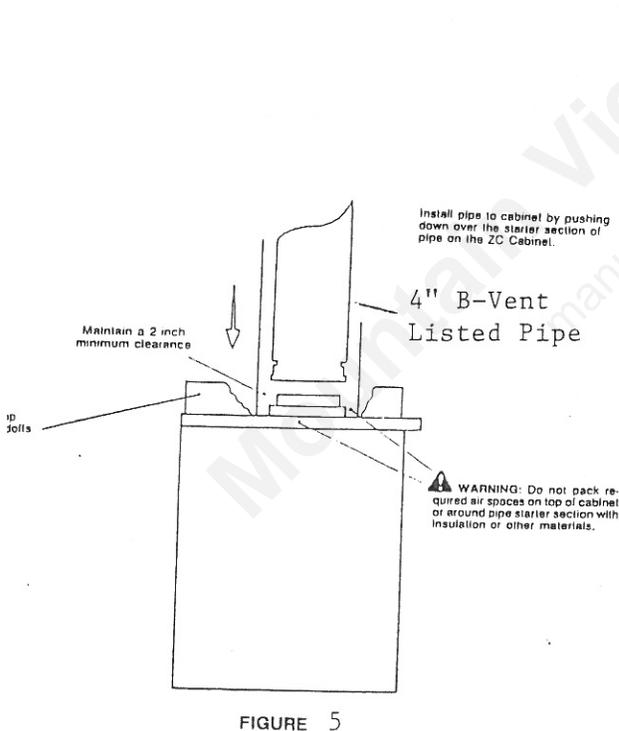
5. The ZC60 cabinet is now ready for framing as follows:

A. Frame the ZC60 using 2" x 4" studs or local building code framing. Some minor framing restrictions are required.

1. Adjacent side walls must be at least 4" from the outer edge of the ZC60 trim panel.

2. The overall opening dimensions must be at least 34½" wide and 34 5/8" high.

B. 2" x 4" framing above the unit must be turned to maintain proper clearance from framing to chimney (2" minimum). See Figure 6.



ELECTRICAL INSTALLATION:

The next step is the electrical installation. NOTE: an electrician must wire the ZC60 into the home wiring system using No. 15 AWG (with ground wiring) as minimum in accordance with local wiring codes.

Remove the two screws holding junction box, located on right rear side. Make connection in box. Screw back on cabinet.

Now, finish the wall around the ZC60 using brick, rock, sheetrock, paneling, or any type finishing material. CAUTION: Do not block any openings designed into the unit.

Install a mantel above the unit if desired. Note that a combustible mantel or mantel support must be positioned at least 12" above the top of the Model 60 unit.

FOR LIGHTING AND SHUT-DOWN INSTRUCTIONS - see pages 7 - 10.

FOR LOG PLACEMENT - see page 7.

WIRING DIAGRAM FOR ROOM AIR BLOWER - see page 5

WALL SWITCH INSULATION - see page 6

GLASS REMOVAL - see page 3

CONNECTING GAS LINE - see page 5

CLEANING AND MAINTENANCE REQUIREMENT - see page 18

TROUBLE SHOOTING - see pages 19 and 20

REPLACEMENT PARTS - see page 21

NEW BUCK CORPORATION (NBC)

"LIMITED FIVE YEAR WARRANTY"
FOR THE BUCK STOVE AND RELATED PRODUCTS

PLEASE READ THIS WARRANTY CAREFULLY

This warranty covers your new heating unit, so long as it is owned by the original purchaser, including optional and standard accessories purchased at the same time, subject to terms, limitations, and conditions herein set out.

This warranty will not cover any damage and/or failure caused by abuse or improper installation of the products covered.

WARRANTY

For a five year period from the date of purchase, as long as the heater is owned by the original purchaser, NBC will repair or replace, at its option, any part defective in materials or workmanship, with the exception of: optional and standard accessories, and all parts not permanently attached to the heating unit. Parts not permanently attached to the heating unit are defined as those items designed to be removed from the stove, including those removable with common hand tools. The cost of parts only are included. The customer pays any labor or transportation charges required.

Electrical motors, wiring, switches and gas components are warranted for one (1) year from date of purchase. Customer pays any transportation charges.

PROCEDURE

Should you feel that your heater is defective, you should contact any NBC dealer for the name of your nearest authorized heater service representative, who will instruct you on the proper procedure.

CONDITIONS AND EXCLUSIONS

(A) Replacement of parts may be in the form of new or fully reconditioned parts, at NBC's option.

(B) There are no other warranties express or implied including warranties or Merchantability, Fitness for Purpose, or Otherwise except those warranties expressly stated herein.

(C) NBC is not liable for indirect, incidental, or consequential damages in connection with the use of the product including any cost or expense of providing substitute equipment or service during periods of malfunction or non-use.

Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you.

(D) All warranty repairs under this warranty must be performed by an authorized Buck Stove service representative. Repairs or attempted repairs by anyone other than an authorized service representative are not covered under this warranty. In addition, these unauthorized repairs may result in additional malfunctions, the correction of which is not covered by warranty.

OTHER RIGHTS

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

OWNER REGISTRATION CARD

The attached owner registration card must be completed in its entirety and mailed within 30 days from the date of purchase or from the date of installation, if installed by a factory certified installer to New Buck Corporation, P. O. Box 69, Spruce Pine, N. C. 28777, in order for warranty coverage to begin.

PLEASE NOTE: The Owner Registration Card must contain the Authorized Buck Stove Dealer Code Number and the Certified Installer's number (if applicable) for warranty coverage to begin.

~~NAME _____~~

~~ADDRESS _____~~

~~CITY _____ STATE _____ ZIP _____~~

~~MODEL # _____ MASONRY INSERT _____ MODEL 60 ZC INSERT _____~~

~~SERIAL # _____ DATE OF INSTALLATION _____~~

~~INSTALLER'S NAME _____~~

~~INSTALLER'S CERTIFICATION NUMBER _____~~