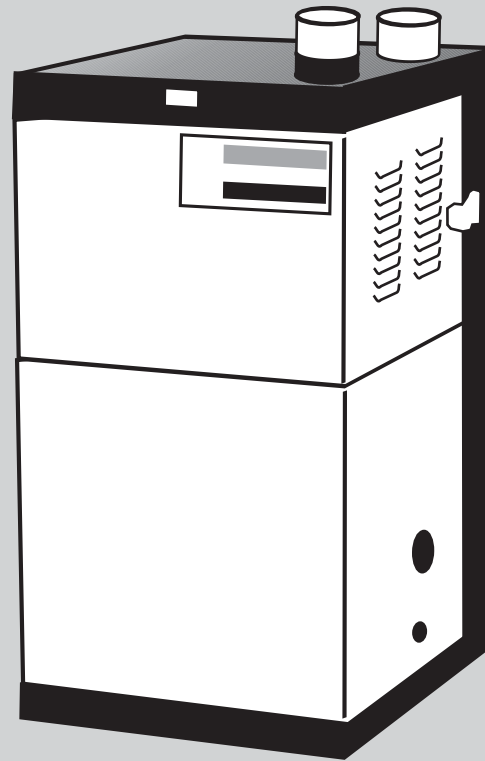


User's Information for

9600 CB

Condensing Boiler

Models	CB-M2-150
	CB-M2-175
	CB-M2-200
	CB-M2-250



FOR YOUR SAFETY: This product must be installed and serviced by a professional service technician, qualified in hot water heater installation and maintenance. Improper installation and/or operation could create carbon monoxide gas in flue gases which could cause serious injury, property damage, or death. Improper installation and/or operation will void the warranty.

⚠ WARNING

If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

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

WHAT TO DO IF YOU SMELL GAS

- Do not try to light any appliance.
- Do not touch any electrical switch; do not use any phone in your building.
- Immediately call your gas supplier from a nearby phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

Installation and service must be performed by a qualified installer, service agency, or gas supplier.

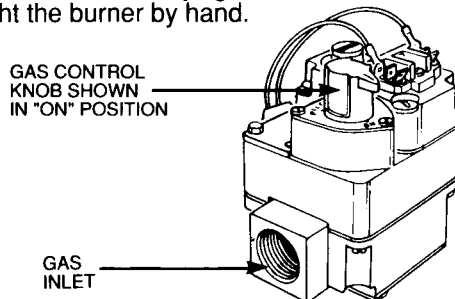
FOR YOUR SAFETY READ BEFORE OPERATING



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 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 gas supplier's instructions.
- 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.
- If you cannot reach your gas supplier, call the fire department.


OPERATING INSTRUCTIONS

1. STOP! Read the safety information above on this label.
2. Make sure system has been properly filled with water and thoroughly bled of air; 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 burner. Do not try to light the burner 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. Then smell for gas, including near the floor. If you smell gas, STOP! Follow "B" in the safety information above on this label. If you don't smell gas, go to the next step.
8. Turn gas control knob counterclockwise  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.

⚠ WARNING

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

⚠ WARNING

Should overheating occur or the gas supply fail to shut off, do not turn off or disconnect the electrical supply to the pump. Instead, shut off the gas supply at a location external to the boiler.

SECTION 1. General Information

Your boiler will require very little maintenance.

However, as with any fine appliance, there are certain steps you should take to insure continuing optimum performance.

1A. General Care

Keep the boiler area clean and free from combustible materials, gasoline and other flammable vapors and liquids.

Keep grill openings on the boiler free for proper ventilation of interior working parts.

Do not obstruct or block a free flow of air to the unit to insure proper ventilation.

If you desire, clean the jacket surfaces with a damp cloth and mild soap. Do not use flammable cleaning materials.

Keep vent terminal free of obstructions — do not pile snow against vent terminal.

1B. Annual Inspection of Flue and Vents

You should visually inspect the vent pipe once a year.

Inspect interior of vent pipe and air intake pipe with a light. No scaling, soot deposits or corrosion should be seen. Should some be found have your boiler cleaned following procedures listed in “Installation & Operating Instructions Manual” or have the corroded parts replaced.

Inspect the condensate drain system for leaks and obstructions.

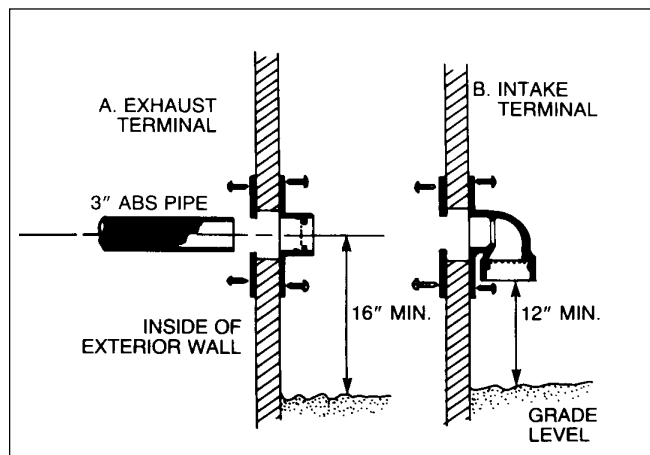


Figure 1.

1C. Shutting Down the 9600 CB Boiler

If the need may arise to shut down your boiler, the following steps are required.

1. Switch off main disconnect switch (located on left side of unit).

2. Close manual gas valve on combination gas control valve (inside unit).
3. Close main manual gas valve.

If freezing is anticipated, drain the boiler.

The above steps may require qualified service personnel.

1D. To Restart Your Boiler

Should the need arise, you may have to restart your 9600 CB. Follow these steps:

1. Momentarily switch “off” power switch on the left side of the boiler.
2. Turn up the thermostat to call for heat.
3. In approximately 1 minute, the blower will operate and ignition will occur.
4. If it does not, wait 5 minutes and then repeat steps 1-3.
5. If, after three attempts, you still do not get ignition, shut down your boiler and call your service man.

If drained:

1. Follow “Installation & Operating Instructions Manual” for proper filling and purging.
2. Turn on main manual gas valve.
3. Remove jacket and turn on manual gas valve on combination gas control valve.
4. Switch on main disconnect switch (pump and blower will start and igniter will be energized, after 25 seconds the flame safeguard system will be energized, and ignition will occur). If the ignition does not occur, switch “off” main disconnect switch, wait 5 minutes and switch “on” again. If after three attempts ignition does not occur, initiate shutdown procedure and call for service.

1E. In the Event of Power Failure

The boiler cannot be operated during an electrical power outage. If there is an extended power outage with danger of freezing, then the boiler (and all other water systems) should be completely drained. When draining the unit, turn off gas and turn off main power switch. When replacing in service, refer to start-up instruction for proper filling and purging.

1F. Full Service Every Three Years

In addition to the annual visual inspections by the owner, a qualified service agency should conduct a detailed inspection of all flue product carrying areas of the boiler and vent system. This should be done in accordance with the service instruction in the “Installation and Operating Instructions Manual” for the 9600 CB.



13-025B

LAARS®
Heating Systems Company
A subsidiary of **BRADFORD WHITE**® Corporation

800.900.9276 • Fax 800.559.1583 (**Customer Service, Service Advisors**)
20 Industrial Way, Rochester, NH 03867 • 603.335.6300 • Fax 603.335.3355
1869 Sismet Road, Mississauga, Ontario, Canada L4W 1W8 • 905.238.0100 • Fax 905.366.0130
www.Laars.com

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