



GSW WATER PRODUCTS COMPANY

A Division of GSW Inc.

599 Hill Street West, Fergus, Ontario N1M 2X1



john wood

AUTOMATIC GAS WATER HEATER

INSTALLATION INSTRUCTIONS

INSTALLATION

This heater must be installed by a qualified, licensed gas fitter and according to CGA B149 1 or 2 Installation Code for Gas Burning Appliances or Equipment and/or local codes. If in doubt, consult your Local Utility.

Select a spot near a flue. Avoid long runs of flue pipe. Horizontal runs of flue pipe must slope upward from the heater at least 1/4" per foot of run.

This heater is approved for installation on combustible flooring. Clearances from the side and rear to combustible construction must be at least 2" or greater.

Allow easy access to the controls and drain valve. A drain pipe must be installed from the relief valve to a floor drain or laundry tub where water, if discharged, will not do damage to the home or contents. **The end of the drain pipe must be kept open at all times.** Any damage to the tank caused by unauthorized removal of the relief valve is **not** the responsibility of the manufacturer and is not covered by the warranty.

A water heater should not be installed in a location where water damage can result if the water heater develops a leak. This is particularly important if the water heater is installed in a multi-storey building.

In such cases, provision should be made in the installation for a means of directing to a drain pipe, any water escaping from the water heater.

The Company accepts no responsibility for damage caused by a leaking water heater.

HOT AND COLD WATER CONNECTIONS

The heater is shipped originally from the factory with the cold water connection at the R.H. side, the hot outlet at the L.H. side as viewed from the front of the heater. If it is found necessary to reverse the order of connection, the dip tube originally in the cold inlet at the R.H. side must be removed and placed in the new location at the L.H. side. Be sure and mark the new order of connection, if changed.

Do not apply heat to fitting containing plastic dip tube. Sweat adaptor to a short piece of tubing before making thread connection to the heater.

LEAK TESTING AFTER INSTALLATION

Turn on gas valve in gas line to heater. Test all pipe connections for leaks with soap and water solution. **DO NOT USE OPEN FLAME.** Repair all gas leaks found.

FOR YOUR SAFETY

Do not store or use gasoline or other flammable, combustible or corrosive vapours and liquids in the vicinity of this or any other appliance.



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FOR HEATERS WITHOUT NIPPLES:

Do not use galvanized nipples between the steel tank and copper plumbing. To minimize galvanic action between the tank and copper plumbing, use only adaptors (3/4" NPT to 1/2" tube) machined from brass for making solder connections. See FIG. 1.

FIG. 1 - PLUMBING CONNECTIONS FOR NIPPLELESS HEATERS

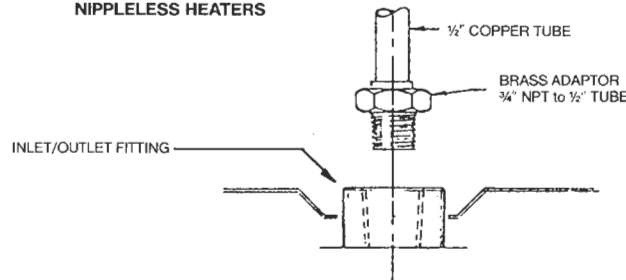
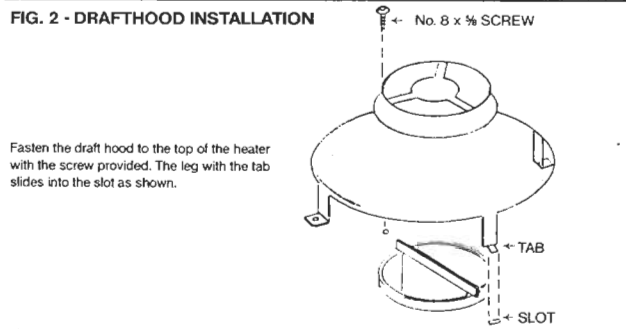


FIG. 2 - DRAFTHOOD INSTALLATION



Fasten the draft hood to the top of the heater with the screw provided. The leg with the tab slides into the slot as shown.

TO LIGHT HEATER — First lighting after installation.

Turn valve on gas control to OFF position. Wait five minutes. Turn valve to pilot position. Apply match to pilot and press pilot priming button for about one minute or until flame remains constant upon release of button. Pilot flame must envelop end of thermocouple. Turn valve to ON position. Adjust thermostat dial to desired temperature.

ADJUSTMENT

The main burner on domestic models for operation on natural gas requires no air adjustment.

Heaters equipped with the cast iron burner for propane operation require adjustment of the primary air shutter at time of installation for proper combustion.

TO TURN OFF HEATER

Turn valve to OFF position. This will shut off all gas to the heater.

FLUE BAFFLE

To clean the flue baffle, the draft hood must be removed. Turn thermostat dial down to prevent burner from coming on. Remove flue pipe and 3 screws holding legs of draft hood. Tip the draft hood and spring it from between nipples. Remove flue baffle and inspect and clean if necessary. Under normal conditions, flue baffle should never require cleaning. If it is found to be covered with soot, call a serviceman to find reason for soot buildup. Assemble in reverse order. Turn thermostat dial up to desired temperature.

FLUSH HEATER AT DRAIN COCK.

We recommend that water be drawn from the drain valve at regular intervals. This flushing helps remove sediment which has settled on the bottom of the tank.

5 YEAR AUTOMATIC WATER HEATER WARRANTY

The manufacturing Company (herein called the "Company") warrants that it will replace or repair any part of the Heater which becomes defective in material or workmanship within one year from the date of first installation.

If the heater tank leaks at any time within 5 years from the date of first installation as a result of rust, corrosion or other chemical action of the domestic water supply, the Company further warrants that it will supply an equivalent Heater of the then current and comparable model without charge.

All repairs or replacements of parts or heaters under this warranty shall be F.O.B. the Company's provincial distribution points in Canada, and the Company shall not be liable for labour or installation costs; nor shall the Company be liable for damage to persons or property howsoever caused.

Any repair or replacement of a part or Heater made hereunder shall bear no warranty other than the unexpired portion, if any, of this warranty and the term of this warranty shall be calculated as if the repair or replacement had been made on the date of first installation of the Heater.

This warranty is limited to a period of one year from the date of first installation if the Heater is used for commercial, institutional, industrial or any other non-domestic purpose.

This warranty shall not extend to damage to the Heater caused by accident, misuse, abuse, alteration, modified operation or faulty repair.

The benefit of this warranty may be assigned to a subsequent owner provided the heater has not been removed from the original installation site.

This warranty shall only be effective:

- when the Heater is installed within the boundaries of Canada in its original location in accordance with both applicable plumbing and building codes, ordinances and regulations and with Company instructions;
- when the Heater is equipped with a properly operating temp. and pressure relief valve and subjected only to normal domestic water conditions; for example, containing water at temperatures not exceeding the maximum setting of the thermostat provided therefor by the Company and at ordinary tap water pressures not exceeding pressure ratings shown on the Heater;
- if the Heater has not been connected to a furnace coil or any other auxiliary means of heating;
- if written notice of any defect in the Heater is given to the Company promptly following discovery;
- when any claim made within the warranty period states the model number, the serial number and date of installation. Proof of date of purchase must be supplied in case of dispute. Return of goods or parts at vendor's discretion.
- if the defective part or Heater is when so requested by the Company, returned transportation prepaid to an address in Canada designated by the Company complete with all components properly and securely packed and if inspected by the Company proves the part or Heater to be defective in workmanship or material;
- if all information which may be reasonably and properly required by the Company relating to the purchase, transportation, operation and installation of the Heater is supplied when so requested.

No other warranty, expressed or implied has been or will be made by or on behalf of the Company with respect to the Heater or the installation, operation, repair or replacement of the Heater. The Company's warranty is a liability only of the Company and shall not be construed as a liability of any person dealing with the Heater. Specifically it shall not be construed as an implied term of any contract of purchase and sale of the Heater.

Any notice or other communication required to be given to the Company under the terms hereof shall be in writing and delivered personally or mailed to the Company at the following address:

WATER HEATER WARRANTY,
599 Hill Street West, Fergus, Ontario, Canada N1M 2X1

*NOTE: 3 years for installation in the Province of Saskatchewan.