

MAINTENANCE & SERVICE INFORMATION

⚠ WARNING

Always turn off the electrical power supply, the manual gas valve and the manual water control valve whenever servicing the unit.



The Rinnai Water Heater should be checked by a Properly Trained Technician once a year. A Properly Trained Rinnai Technician should perform any repairs that may be necessary.

The following items should be checked each inspection:

- 1) The area around the Rinnai unit should be free from combustible materials such as cloth, vegetation and building materials. (see page 8)
- 2) Check burners for presence of foreign debris, insects or bugs. These items are not covered by the unit's warranty.
- 3) Remove and clean the inlet water filter.
- 4) Keep the appliance area clear and free from combustible materials, gasoline, and other flammable vapors and liquids.
- 5) Do not obstruct flow of combustion and ventilation air.

In the case of any fault or error message from the Rinnai Water Heater, first turn all hot water taps off. Wait for 5 seconds. Turn the hot water tap back on. If the error message still remains, call your Rinnai Authorized Service Representative or Rinnai at 800-621-9419.

Should overheating occur or the gas supply fail to shutoff, turn off the manual gas control valve to the appliance.



DO NOT ATTEMPT TO SERVICE YOUR Rinnai YOURSELF.

Call a Rinnai Authorized Service Technician or call your installer.

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MAINTENANCE SUGGESTIONS

This water heater has been designed and constructed for a long performance life when installed and operated properly under normal conditions. Regular inspections, as outlined in this section, are strongly recommended as a means of keeping your heater operating efficiently.

Consideration should be given to periodic maintenance of scale removal in applications where the water hardness quality is elevated and the water heater runs for extended periods such as in commercial applications or applications with circulating loops.

1. Cleaning

The water heater should be cleaned annually. Keep the water heater clear of dust and debris especially in and around burner. Cleaning procedures for the Rinnai Water Heaters are as follows:

- 1) Turn off and disconnect electrical power. Allow to cool for one hour.
- 2) Remove the Front Panel by removing screws. See parts breakdown on panels.
- 3) Use pressurized air to remove dust from around main burner.
- 4) Use soft dry cloth to wipe cabinet.

DO NOT DAMAGE OR DISTORT ANY PARTS OF HEATER.

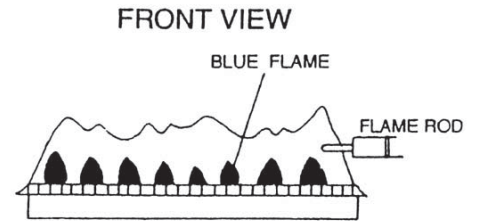
DO NOT USE WET CLOTH OR SPRAY CLEANERS ON BURNER.

2. Visual check of main burner flames.

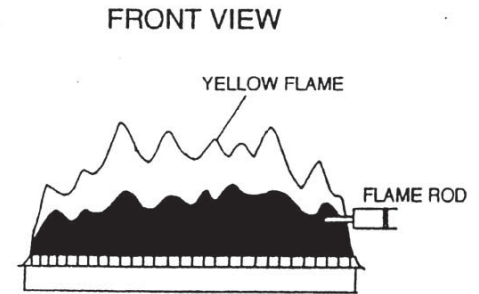
The burner must flame evenly over the entire surface when operating correctly. The flame must burn with a clear, blue, stable flame. See the parts breakdown of the burner for the location of view ports. Any and all parts removed for inspection or service must be replaced before operating the unit. The flame pattern should be as shown in the following Figures.

VISUAL CHECK

SATISFACTORY



UNSATISFACTORY



* VENT MAINTENANCE

* VENT SYSTEM

Must be checked annually for blockage or deterioration. See vent installation instructions.

* MAINTENANCE-

ELECTRIC MOTORS

Motors are permanently lubricated and need no lubrication. Keep fan and motor free of dust and dirt, clean annually.