Three types of advisories are defined as follows:

- **Important Environmental Considerations**
  - Scientific research has shown that certain man-made chemicals can affect the earth's naturally occurring stratospheric ozone layer when released to the atmosphere. In particular, several of the identified chemicals that may affect the ozone layer are refrigerants that contain Chlorine, Fluorine and Carbon (CFCs) and those containing Hydrogen, Chlorine, Fluorine and Carbon (HCFCs). Not all refrigerants containing these compounds have the same potential impact to the environment. This applies to the responsible handling of all refrigerants including industry replacements for CFCs such as HFCs and HCFCs and Ingersoll Rand Environmental Practices. 

- **Important Refrigerant Practices**
  - Trans applies to refrigerant practice. The refrigerator practices are important for the environment, our customers, and the air conditioning industry. All technicians who handle refrigerants must be certified according to global rules. For the USA, the Federal Clean Air Act (Section 608) sets forth the requirements for handling, reclaiming, recycling and recovering of all refrigerants and the equipment that is used in these services. In addition, some states or municipalities may have additional requirements that must also be adhered to for responsible management of refrigerants. Know the applicable laws and follow them.

- **SAFETY WARNING**
  - If concealed damage is discovered, stop unpacking the shipment. Do not remove damaged material from the receiving location. Take the damaged material to the package carrier immediately and file a claim against the transport company.
Heating System

Heating Cycle Operation

A normal heating cycle begins when the air temperature in your home drops below the selected setting. The control then energizes the heating electrical circuit that starts and controls the main burners. Shortly after the main burners ignite, the indoor fan starts and circulates warm air through your home, or building. When the air temperature rises to the selected setting, the control de-energizes the heating electrical circuit which, in turn, extinguishes the main burners. The indoor fan continues to circulate warm air until most of the heat is removed from the unit’s combustion chamber.

Safety Controls

Your unit is equipped with automatic reset safety limit controls to prevent overheating. When one of these controls open, it shuts down the heating electrical circuit until it cools down sufficiently. Inadequate airflow (i.e., caused by dirty air filters or a defective fan motor) may cause the unit to cycle on and off as the limit controls trip and automatically reset. If you suspect that the unit is cycling on its limit controls, immediately contact a serviceman for instructions.

Operating Instructions

1. Set the temperature control to lowest setting.
2. Turn off all electric power to the appliance.
3. This appliance is equipped with an ignition device which automatically lights the burner. Do not try to light the burner by hand.
4. Remove the access panel that has the following label:
5. Turn the gas control knob clockwise or flip the toggle switch to the “OFF” position.
6. Wait five (5) minutes to clear out any gas. If you then smell gas, STOP! Follow “What To Do If You Smell Gas” in the safety information above in this manual. If you don’t smell gas, go to the next step.
7. Turn gas control knob counter-clockwise or flip the toggle switch to “ON.”
9. Turn on all electric power to the appliance.
10. Set the temperature control to desired setting.

Note: Depending on heater size, the gas valve control will be a knob, as shown in Figure 1, or a toggle switch.

Figure 1. Gas valve control knob (toggle switch used in some heater sizes)

4. Remove the access panel that has the following label:

REMOVE THIS PANEL TO GAIN ACCESS TO THE GAS VALVE

5. Turn the gas control knob clockwise or flip the toggle switch to the “OFF” position.

Note: Some valves require the knob to be pushed in slightly before turning. Do not force.

To Turn Off Gas To The Appliance

1. Set the temperature control to lowest setting.
2. Turn off all electric power to the appliance if service is to be performed.
3. Remove the access panel that has the following label:

REMOVE THIS PANEL TO GAIN ACCESS TO THE GAS VALVE

4. Turn the gas control knob clockwise or flip the toggle switch to the “OFF” position.

Note: Some valves require the knob to be pushed in slightly before turning. Do not force.
5. Replace panel removed in Step 3.