

THERMOSTAT INSTALLATION INSTRUCTIONS

- The thermostat is installed in the fuel gas train upstream of the heater and downstream from the low pressure regulator. **The maximum input pressure to the thermostat is ½ psi.**
- When deciding where to locate the sensor bulb, ask yourself, “Where is it that I want to sense the temperature?” The bulb should not be directly in front of the catalytic heater, but should be in a location to sense the temperature in the building. The bulb should be in a location similar to a thermostat for a central heating or cooling system.
- Tie straps or clips may be used to mount the bulb to the wall, but the bulb is fragile and will not operate if crushed.

THERMOSTAT OPERATION

- The red dot is the pointer to the dial numbers with 1 equal to the lowest temperature and 10 equal to the highest temperature.
- Turn the dial clockwise to increase the temperature set point; turn the dial counter-clockwise to decrease the temperature set point.
- When the set point is reached, the thermostat valve closes off the primary fuel gas supply. A 50% gas supply flows through a bypass orifice to the heater to sustain the catalytic reaction.



| Part Number | 40-030 | 40-006 |
|-------------------|-------------------------|---------------------------|
| BTU Range | Less than 24,000 BTU/hr | 24,000 BTU/hr and greater |
| Connection | 3/8" NPT | 1/2" NPT |
| Temperature Range | 60 – 250°F | 50-200°F |
| Capillary Length | 60" | 84" |