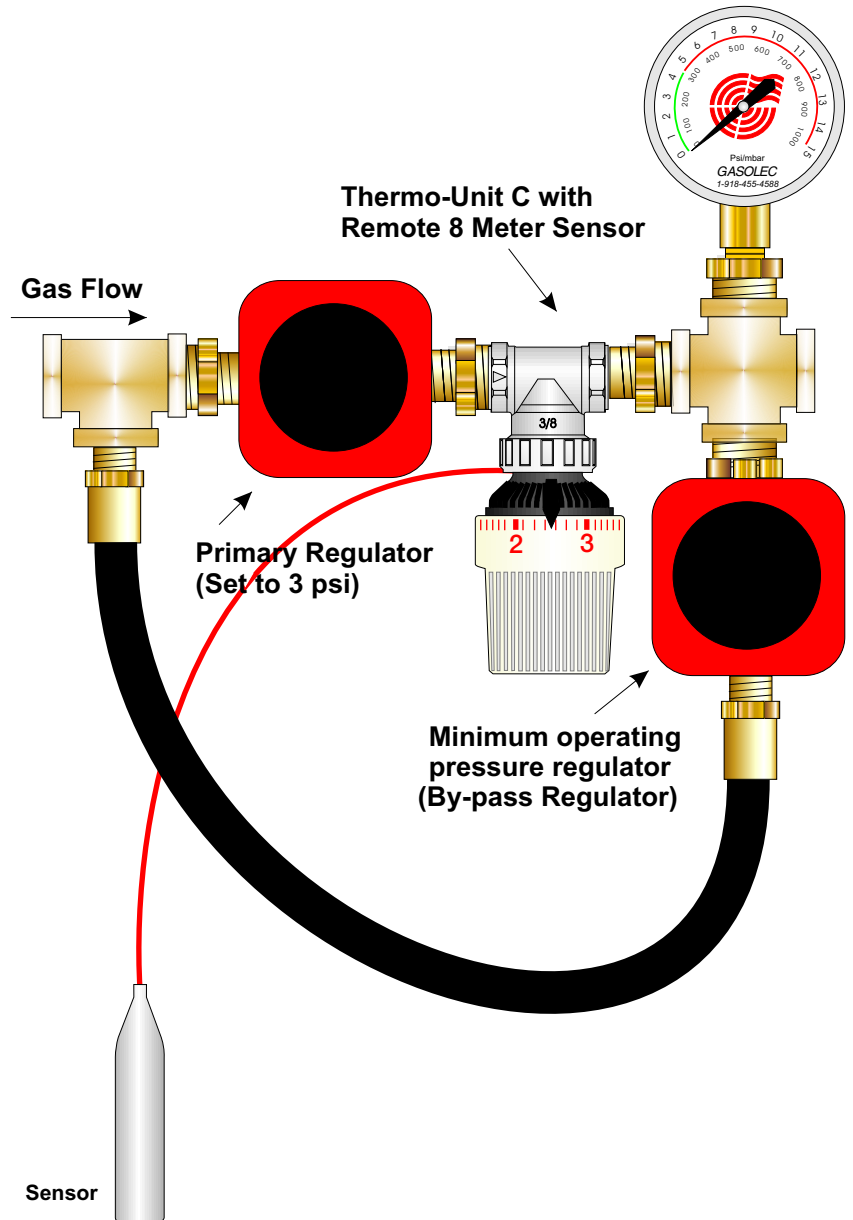




Non-Electrical Zone Control System

Depicted here is a plumbing configuration for non-electrical zone control. The key component is the Thermo-unit C with remote 8 meter sensor. The Thermo-unit requires a primary regulator set to the maximum operating pressure of the heater(s) to be controlled. It also requires a by-pass regulator set to the minimum operating pressure of the heater(s). A Thermo-unit consists of two parts, a thermostatic head and a valve. These two parts work together to mechanically maintain a specific desired temperature or set point. The Non-Electrical Zone Controller is fully modulating. As the sensor detects a change in temperature, the thermo-head opens or closes the valve just enough to return to set point. If there is no call for heat, the valve will close completely and the by-pass regulator will maintain the heaters pilot flame.



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