



**Do not check for gas leaks with open flame. Severe personal injury or death will result.**

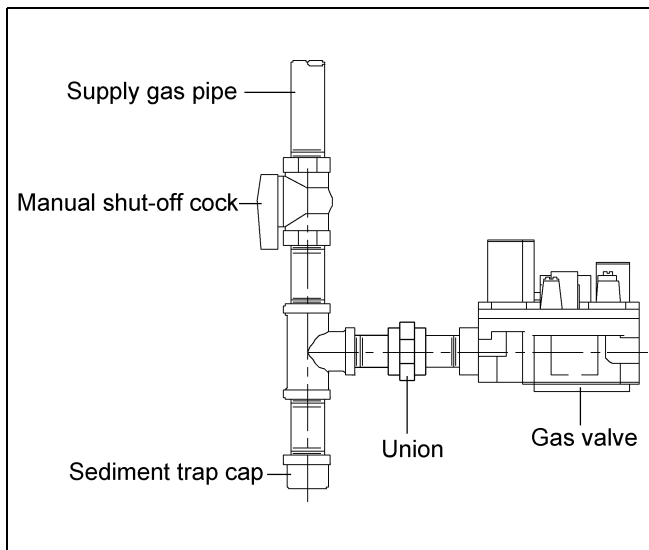
Foreign material in LP or natural gas and gas lines can easily cause control valve failure. Control valve failures include:

1. Control valve failing to close completely.
2. Small burner flame.

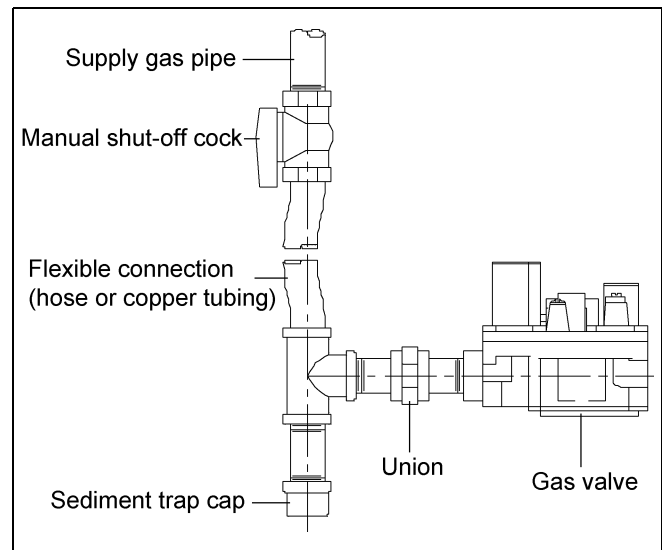
Some examples of foreign material found in control valves include:

1. Pipe thread compound and teflon tapes.
2. Rust.
3. Pipe chips and scale.

The warranties will no longer cover control valves returned to if they are found to have foreign material inside them or if they are disassembled. Utilizing this simple principle will help give the consumers years of trouble-free service from their Purafire heaters.



**Figure 1**



**Figure 2**

**NOTE:** *The gas piping must not be used to support the heater. If the installation subjects the heater to movement or vibration, a flexible gas connector may be required. Check local codes for requirements of flexible connectors. When copper tubing is used for conveying natural gas, the tubing must be internally lined or equivalently treated to resist sulfur corrosion. Install a sediment trap and a manual shut-off cock to the heater's gas inlet.*

*Check all gas connections for leaks by using a leak detector solution. Repair any gas leaks before test firing or placing the heater into service.*

