



**SERVICE**

Service Bulletin #16

# BULLETIN

## Product: J Model Booster Heater Component: Pressure Reducing Valve (PRV)

### Purpose:

To convey the significance of the Pressure Reducing Valve as well as to clarify which Hubbell J model booster heaters come with a PRV as standard equipment.

### Information:

All Hubbell J6 and J16 model booster heaters come with a brass PRV as standard equipment. The pressure reducing valve is a vital component to the proper operation of an electric booster heater and should be installed at all times. The PRV supplied has a built-in bypass and has an adjustment range of 25-75 psi. The PRV should be installed on the inlet water supply side and adjusted so that after water flows through the valve, the pressure is reduced to 20 psi. Although the adjustment range of the PRV is 25-75 psi, there is an approximate 7-8 psi drop through the valve, which will allow the flow to get down to 20 psi when adjusted properly. A combination Temperature and Pressure Gauge should also be installed after the PRV so that the pressure after the valve can be accurately measured. Please refer to the Hubbell Operation and Maintenance manual for more details.

Hubbell J3 and J4 model booster heaters do NOT come with a PRV as standard equipment, but Hubbell strongly recommends a PRV with a built-in bypass still be installed per the Operation and Maintenance manual.

### Status:

Due to thermal expansion and the pressurization that occurs as water heats, a PRV that is not adjusted to the proper setting or any installation done without a PRV could cause pressure problems, resulting in water leaking from the temperature and pressure relief valve.

### Action/Remarks:

Hubbell J3 and J4 booster heaters are at an increased risk for pressure problems as they do not come with a PRV as standard equipment. In the event that a pressure problem occurs, the first check should be to confirm the installation of a PRV and/or its psi setting.

### Additional Note:

The installation of or adjustment to a pressure reducing valve is not considered for warranty.

