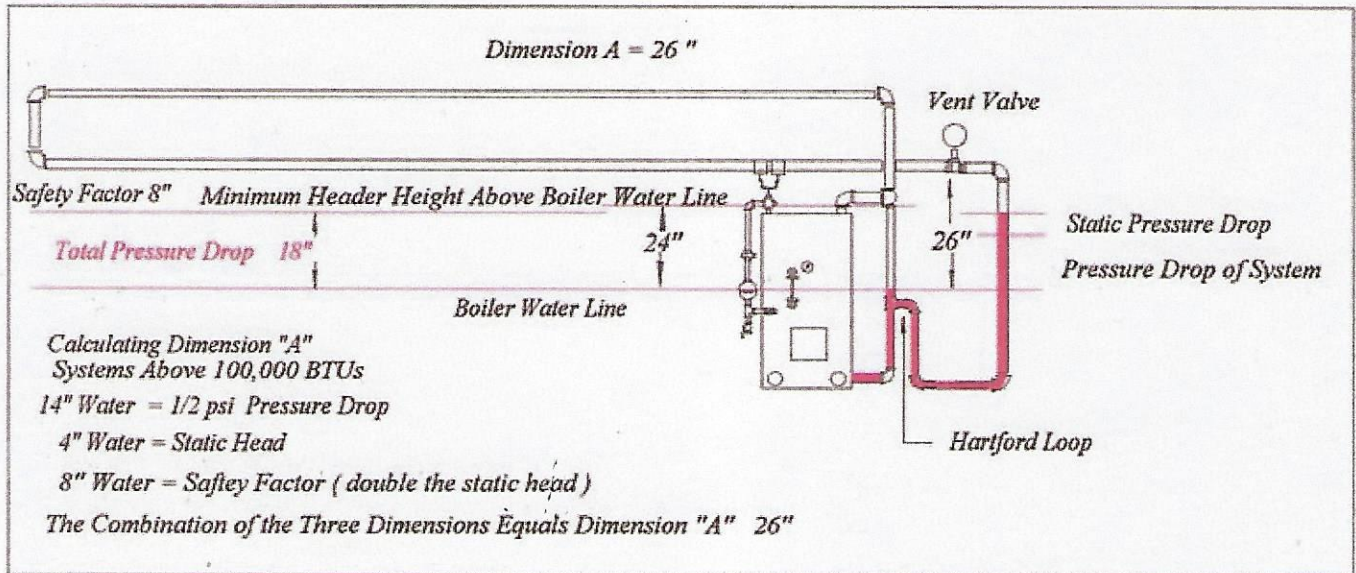
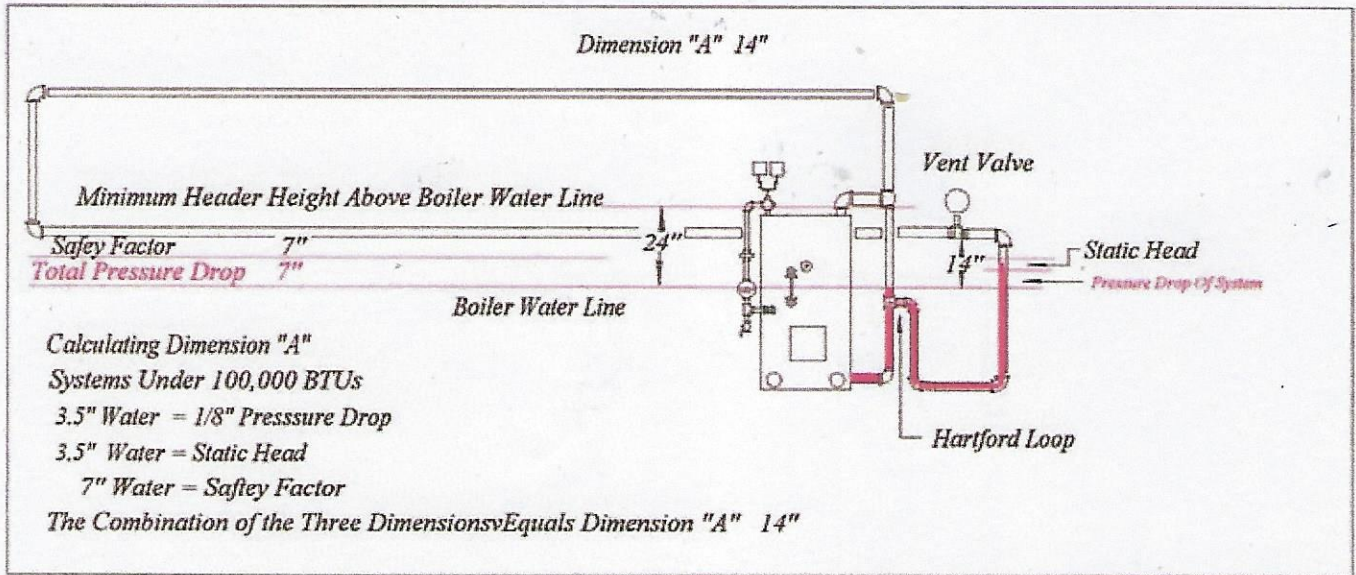


### Dimension "A" Applied to a Dry Return



Look at the drop legs in both illustrations. Note the boiler waterline's relationship to the water in the vertical drop of the dry return. At 1½ psig, steam pressure in the boiler pushed the water out of the boiler and lifted it 7 inches and 14 inches above the boiler line. The difference between both systems is the pressure drop, the smaller system, having a pressure drop of 1/8 psi, and the larger system, having a pressure drop of ½ psi.