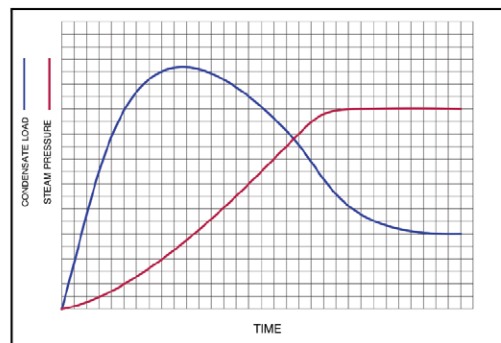
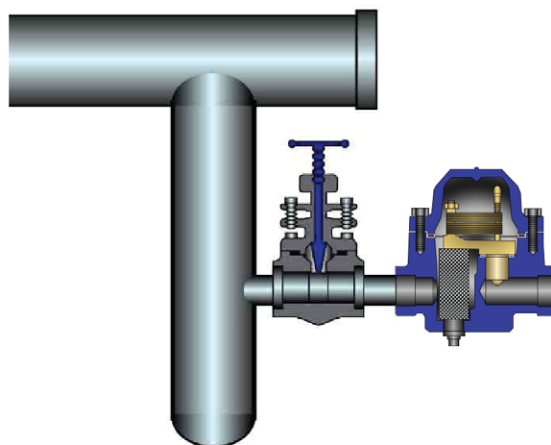




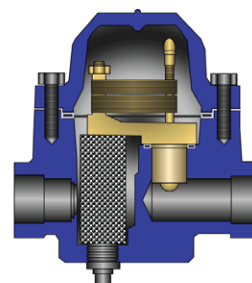
## 10. Heating System - Drip Leg Applications

Area:	Fossil fueled power plants
Application:	Transport of steam between boiler and point of use.
Objective:	Removal of condensate from steam mains and distribution lines to: <ul style="list-style-type: none"><li>• Maintain steam quality between boiler and equipment.</li><li>• Protect equipment from damage by water hammer.</li></ul>
Condensate Load:	Normally condensate load is low and constant on this saturated application except during start up when loads can be quite high.
Steam Pressure:	Normally the heating system drip leg applications will be at intermediate or low pressure.
Drain to Trap:	Condensate flow is normally by gravity.
Trap Discharge:	Typically to a closed return or drain system.
Ambient Conditions:	Not subject to temperature variance being inside the power plant.
Recommended Trap:	SF-50 / SF-150 / SF-300 (Trap only or Piping King Option)
Characteristics:	Fail open, self draining vertical or horizontal robust, able to handle cyclic temperature change, good air handling, unaffected by superheat.

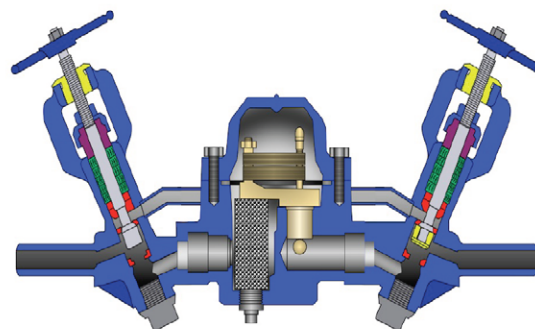
### A105 CS



Estimated Running Load for Saturated Drip Leg Application



SF Series Trap



Piping King