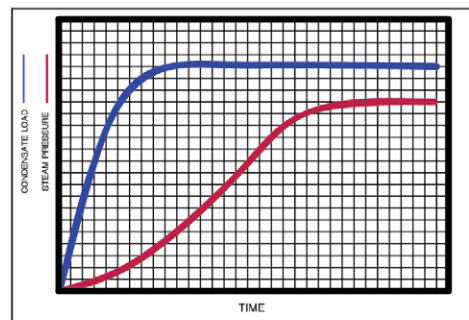
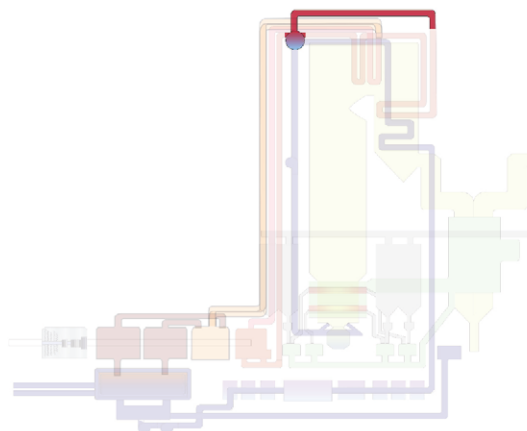




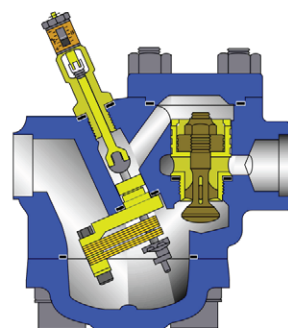
9. Desuperheater Drains

Area:	Fossil fueled power plants
Application:	Transport of steam between de-superheater and point of use.
Objective:	Removal of condensate from steam mains and distribution lines to: <ul style="list-style-type: none">• Maintain steam quality between boiler and equipment.• Protect equipment from damage by water hammer.
Condensate Load:	Normally heavy start-up loads will be experienced, but once equipment is warm, load will be lower and more constant.
Steam Pressure:	Will normally range between 500 psi and 700 psi saturated.
Drain to Trap:	Condensate flow is always designed to be by gravity.
Trap Discharge:	Typically to a closed return system directly into the condenser.
Ambient Conditions:	Not subject to temperature variance being inside the power plant.
Recommended Trap:	SPF6-600 (Trap only or Piping King Option)
Characteristics:	Robust, quick opening, high volume discharge, good air handling, unaffected by superheat.

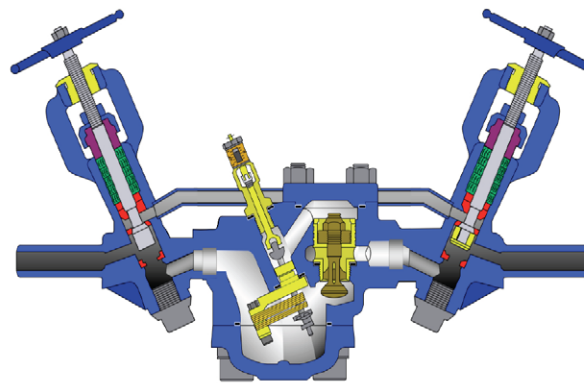
A105 CS



Estimated Running Load
for High Capacity Saturated Drip Leg Application



SPF Series



Piping King