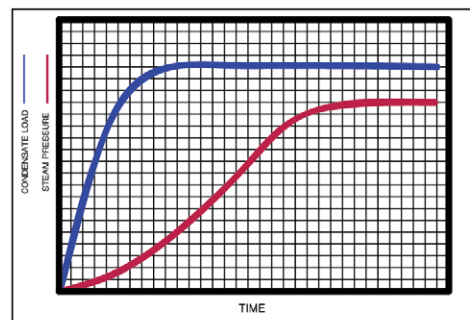
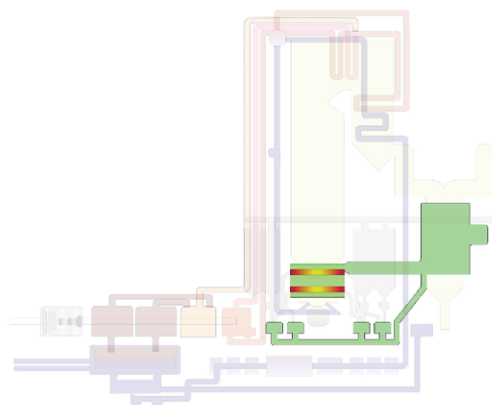




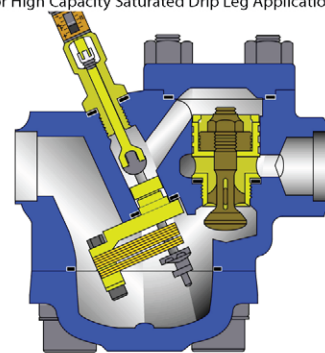
## 7. Air Preheaters

Area:	Fossil fueled power plants
Application:	Provision of hot forced air circulation.
Objective:	Forced air circulation via fans or blowers through banks of air pre-heater coils to heat outside air before it enters the boiler combustion chamber.
Condensate Load:	Considering changing inlet air temperatures and control method condensate loads will vary considerably.
Steam Pressure:	Will normally range between 100 psi and 300 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:	Major danger is from freezing especially when cold air is drawn from outside.
Recommended Trap:	SPF5-350 (Trap only or Piping King Option)
Characteristics:	Robust, quick opening, high volume discharge, good air handling, unaffected by superheat.

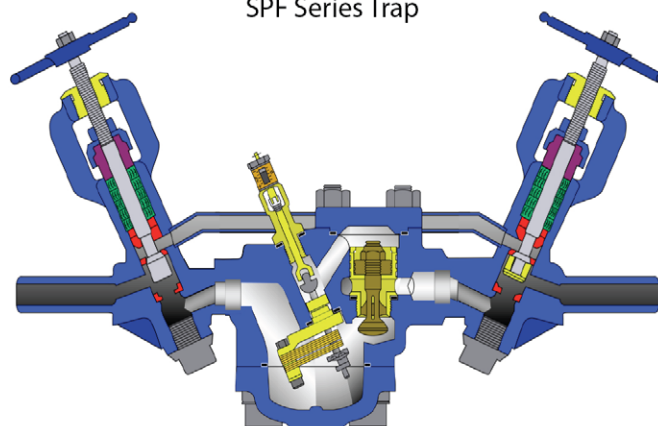
### A105 CS



Estimated Running Load  
for High Capacity Saturated Drip Leg Application



SPF Series Trap



Piping King