

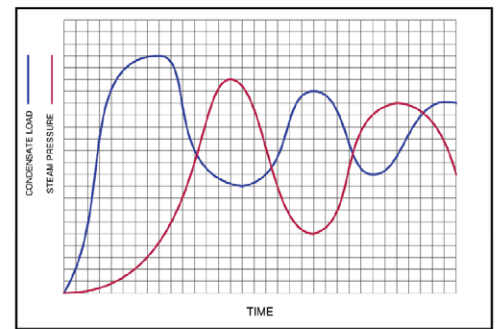
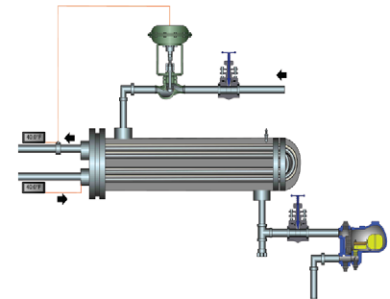
10. Heating System - Heat Exchanger Drains



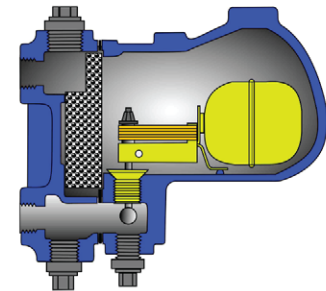
Area:	Fossil fueled power plants
Application:	Provision of hot forced air circulation.
Objective:	Forced air circulation via fans on blowers through finned tube or banks of air blast coils for space heating.
Condensate Load:	Considering changing inlet air temperatures and control method condensate loads will vary considerably.
Steam Pressure:	Normally the heating system drip leg applications will be at intermediate or low pressure.
Drain to Trap:	Gravity fed to avoid condensate back up.
Trap Discharge:	Typically to a closed return or drain system.
Ambient Conditions:	Major danger is from freezing especially when cold air is drawn from outside.
Recommended Trap:	SF-50 / SF-150 / SF-300 (Trap only or Piping King Option)
Characteristics:	Fast response, robust, hot discharge, self-draining. Good air handling. Easily maintained. Freeze resistant.
NOTE:	Fit vacuum breakers to allow complete drainage of unit during shut down conditions. Size extremely carefully – especially for start-up load.

CAST IRON

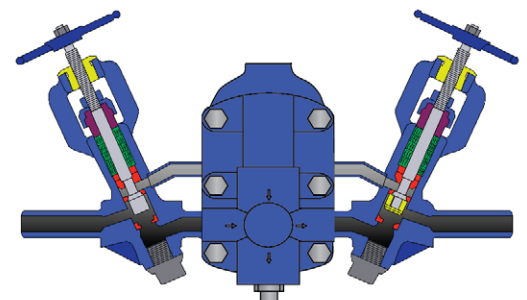
A216 GR-WCB



Estimated Running Load for Unit Heater Application



MFT Series



Piping King