



## 2. Gland Condenser Drains

Area: Fossil fueled power plants (coal, oil, waste, wood)

Application: Removal of condensate from gland steam condenser

Objective: The gland steam condenser operates at very low pressure and temperatures. This application is best served by a compressed air drain trap that immediately removes the condensate as it forms.

Condensate Load: High at start up, but will reduce to a constant load during operation.

Steam Pressure: Usually between 14-32 inches of vacuum at 110°F

Drain to Trap: Condensate flow is normally by gravity.

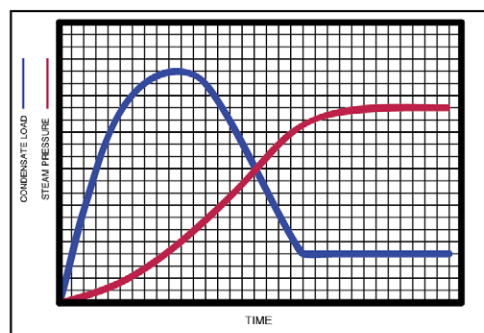
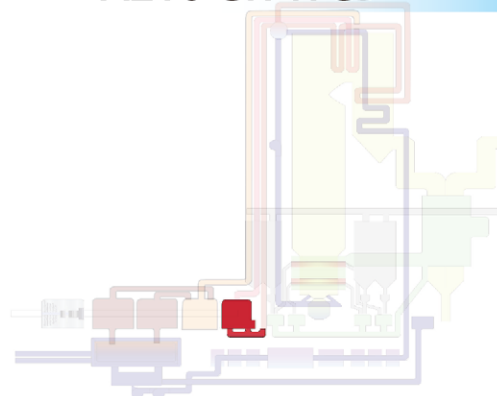
Trap Discharge: Typically to a closed return system.

Ambient Conditions: Not subject to temperature variance being inside the power plant.

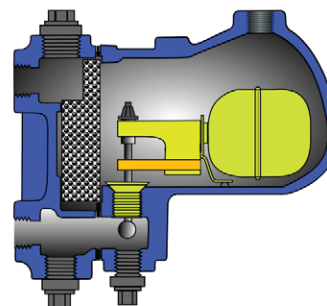
Recommended Trap: MFA or MFAS

CAST IRON

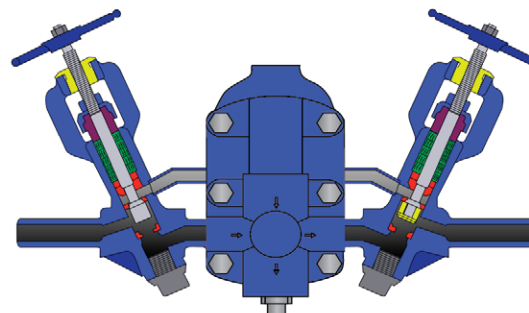
A216 GR-WCB



Estimated Running Load for Gland Condenser Drain Application



MFA Series



Piping King