

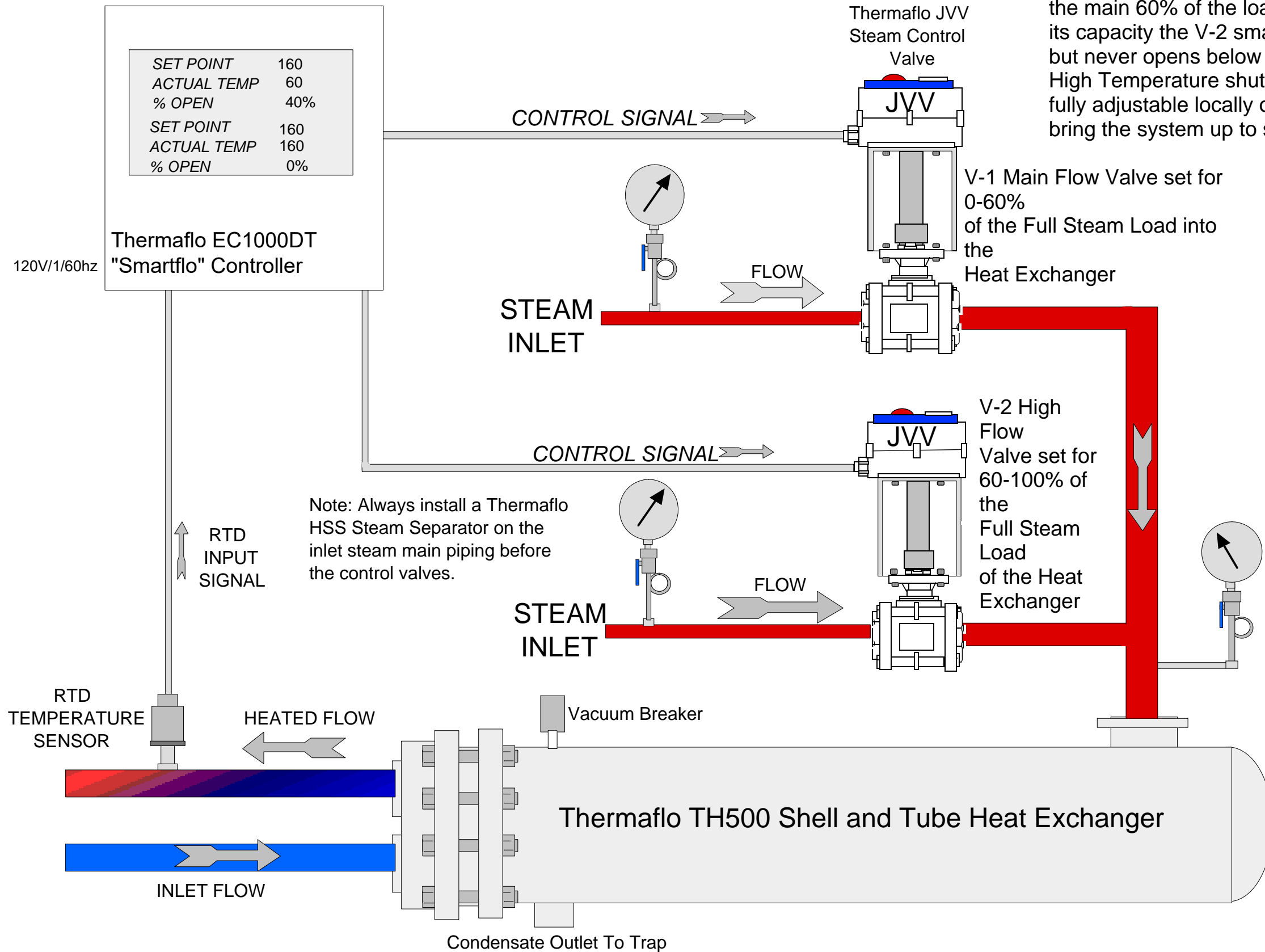
EC1000DT "Smartflo" Split Flow Electronic BacNet Fail Safe Temperature Control Valve Hookup

Application and Function

Thermaflo EC1000DT Single Input Split Range Electronic Steam Control Valve Panel controls both of the 60/40 Split Flow Valves independently using one single RTD outlet water input. Valves can be set precisely to open to meet variations in flow demand

This system is used when heat exchanger flows thus steam flow demand varies greatly. The large valve V-1 modulates proportionally and handles the main 60% of the load. When flow and steam demand increase beyond its capacity the V-2 smaller valve opens and handles the higher demand but never opens below 60% demand.

High Temperature shutdown is set approx 10F above set point and is fully adjustable locally or via BMS. On Startup V-1 is staged to slowly bring the system up to setpoint to avoid thermal shock and hammer.



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