



## **Thermaflo Type JVV-S80 Control Valve Specification**

Furnish and Install where shown on plans Thermaflo Type JVV S80 Electronic Steam Control Valves per the following specifications:

Thermaflo JVV-S80 Electronic normally closed fail closed steam control valve rated for 150 psig saturated steam working pressure @ 400F, 316 stainless steel 1000lb 3 piece body, 316 stainless steel stem and inner segmented V ball, TFM inner seats and seals with chevron packing, 316 stainless steel 8' extended stem actuator mounting bracket for high pressure steam service and 316 stainless steel shaft. Seats and seals shall be fully replaceable with swing out center section without removing valve from inline.

Valve and bracket shall be fitted with the S80 electronic fail closed electronic modulating actuator. Actuator shall have 8 second speed fully open to fully closed, and shall be powered with 24V DC current 100% duty cycle and a internal capacitor no batteries. The input signal shall be 0-10V and a 0-10 volt feedback signal shall be standard, Actuator shall have stall and idle indicators and fail position alarm outputs. Actuator shall have LED top power indicator light and a red closed, yellow open top visual indicator. Actuator shall have Blue IP67 Watertight housing.

The JVV-S80 shall be fully capable of 300:1 flow turn down operating range and shall have Class VI dead tight shutoff capability on 150 psig steam service.

The Thermaflo IOM shall be followed for installation.