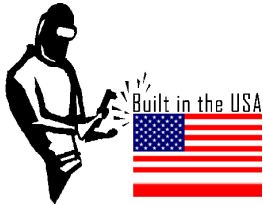
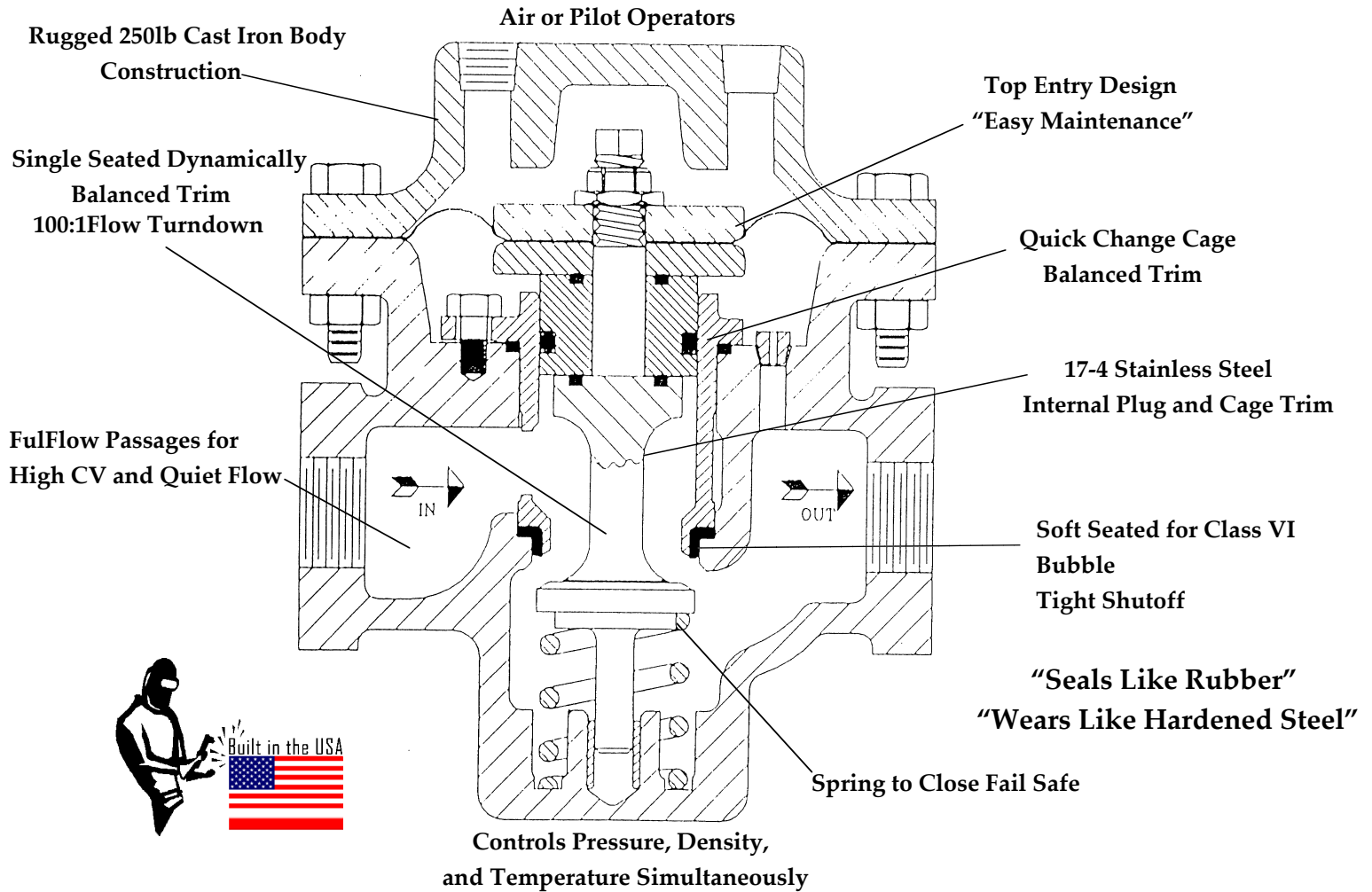


**THERMAFLO TYPE PT
 “BALANCED TRIM CONTROL VALVE”**



Description

The Thermaflo Type PT “Smart” valve is specifically engineered for high flow turn down steam control applications. A main feature is the single seated fully balanced trim construction that allows the valve to control over wide flow demand ranges such as instantaneous steam water heaters, steam pressure reducing, and deareator pressure control applications. The seat is protected from direct flow impingement but allows for dead tight shutoff Class VI, when required on long standby no load applications.

Soft seat construction “Seals Like Rubber and Wears Like Hardened Steel” will not cut. Type PT valve can be pneumatic controlled or self contained for temperature, pressure, or combined functions.
www.thermafloengineering.com

Valve CV Flow Ratings								
Valve Size	1/2"	3/4"	1"	1.25"	1.5"	2"	3"	4"
CV	4	8	15	23	30	60	120	220

Pressure and Temperature Rating

Maximum Pressure: 150 PSIG Operating Minimum Steam Pressure: 2 PSIG
 Maximum Temperature @ 150 PSIG 366F
 Maximum Air Control Pressure: 100 PSIG Minimum Air Pressure: 7 psig

Materials of Construction

Body: 250lb Cast Iron ASTM A126 CLB
 Cage and Plug: 17-4PH Hardened Stainless Steel
 Seat: 500F Thermall Teflon/Ceramic Composition/6 Ply TFE Viton High Temperature Nomex Diaphragm

Dimensions:

Size	Face to Face	Overall Height	Conn	Wt
1/2", 3/4", 1"	6"	7"	NPT	31 lbs
1 1/2", 2"	9 7/8"	9.5"	NPT	42 lbs
3"	12"	16"	125 flg	139 lbs
4"	14"	16"	125 flg	150 lbs