

TVS43 Domestic Hot Water Tempering System







Project Name:	
Contact:	
Company:	
Email:	
Phone:	

Features

- Default settings work in most applications
- Easy setup, simple 3 button interface
- Low demand dead zone adjustable activation point
- High temperature alarm function
- Fast sampling rate of sensor input

- Two valves can be installed in parallel
- ModBus communication standard
- Lead Free valve NSF/ANSI 372-2011 requirements
- Direct replacement for TA 239W control systems
- ASSE 1017 approved and listed

Selection

Model	Size	Cv
TVS43-020	3/4"	7.3
TVS43-025	1"	11.6
TVS43-032	1 1⁄4"	18.5
TVS43-040	1 ½"	29.0
TVS43-050	2"	46.3
TVS43-065	2-1/2"	65.0

Notes

Technical Data

Operating Voltage Control Signal Action **Actuator Force** Actuator Run Time Sensor Sampling Rate 24VAC at 75VA 0-10 Vdc or 2-10 Vdc Direct or reverse acting 180 lbs

20 Seconds

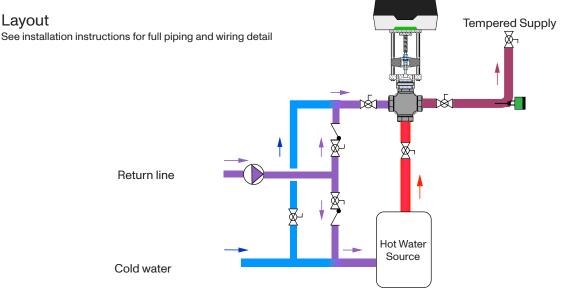
10 samples per second

Each system consists of:

TC250D STP120-70 008MV V43 TC250EN **TVS TRN**

PI Controller with LED readout Fast Immersion Sensor 1/2" NPT 20 Second Modulating Actuator Stainless Steel 3-Way Valve **NEMA 4 Enclosure** 24VAC 75VA Transformer

Layout



Paxton Controls Corporation www.paxtoncorp.com