**FEATURES**

- Shape Memory Alloy (SMA) coil allows faster water temperature response than conventional wax-type thermostatic valves
- Corrosion resistant

**TSTA**
- Single volume control for use without tub spout

**TSTD**
- Dual volume control for use with tub spout

**CODES/STANDARDS**

- Meets or exceeds ASME A112.18.1/CSA B125.1, ASSE 1016
- Certifications: IAPMO(cUPC), State of Massachusetts and others
- Code Compliance: UPC, IPC, NSPC, NPC Canada, and others

**PRODUCT SPECIFICATION**

Thermostatic mixing valve shall include Shape Memory Alloy (SMA) for faster water temperature response. Single volume control valve shall be **TOTO Model TSTA** and with tub spout. Dual volume control valve shall be **TOTO Model TSTD** and without tub spout.
TSTA & TSTD

SMA Thermostatic Mixing Valve

SPECIFICATIONS

- Warranty  Lifetime Limited Warranty
  (Residential Use)
  One Year (Commercial Use)
- Material  Brass
- Shipping Weight  7.7 lbs.
- Shipping Dimensions  11-1/2" L x 7" W x 7" H
- Minimum Flow Rate  TSTA & TSTD: 2.5 gpm (9.5 lpm)
  TSTAR & TSTDR: 1.75 gpm (6.6 lpm)

Model TSTA requires trim: TS960C(1), TS970C(1), TS794C or TS930C
Model TSTD requires trim: TS960D(1), TS970D(1), TS794D or TS930D

These dimensions and specifications are subject to change without notice