



A WATTS Brand

Shower Valve Equa-Flo Pressure-Balancing Valve

- Durable Brass Valve Body and Cap
- Durable Stainless Steel Balancing Piston
- Reliable Ceramic Disc Cartridge
- Tamper-Resistant Brass Limit Stops
- ADA-Compliant Lever Handle
- Factory Assembled and Tested
- ASSE 1016, Type P Listed
- Easy Installation and Serviceability
- Reversible for Back-to-Back Installation
- Check Stops on Inlets

Pressure-balancing valves automatically compensate for changes in supply pressure, keeping shower temperature constant. This anti-scald protection feature makes these valves the best choice for many applications.

Operation

Control handle rotates from off through cold to hot. Volume is constant. The ceramic disc cartridge has no wearing parts, providing reliable drip-free performance.

Water temperature is maintained by a stainless steel piston that instantly detects changes in supply pressures and automatically adjusts discharge ports, keeping shower temperature constant to within 2° of desired setting. Maximum delivery temperature is controlled by an adjustable limit stop that restricts the amount of hot water entering the valve. Should either hot or cold supply fail, the valve will shut off so as not to produce a spray or significant flow through showerhead.

Valve Specifications

Maximum Operating Pressure

125 PSI (860 kPa)

Connections

1/2" NPT

Flow Capacities – GPM (L/Min)

Model	Pressure Drop – PSI (Bar)						
	5 (.5)	10 (1.0)	15 (1.5)	20 (2.0)	30 (2.5)	45 (3.0)	60 (4.0)
S59-1000 Suffix EF	2.0 (8.0)	2.5 (11.0)	3.0 (13.5)	3.5 (15.5)	4.0 (17.5)	5.0 (19.0)	6.0 (22.0)

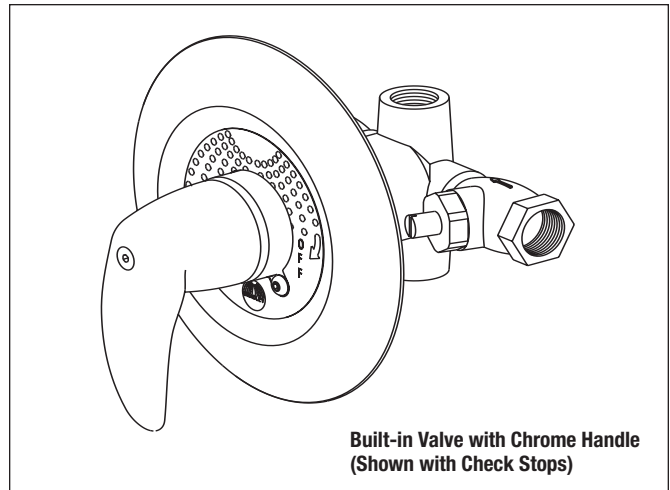
Product Compliance

Listed by IAPMO R&T to

- ASSE 1016-2017/ASME A112.1016-2017/CSA B125.16-17
- Uniform Plumbing Code (UPC)
- National Plumbing Code of Canada
- International Plumbing Code (IPC)

Listed by ASSE International to

- ASSE 1016



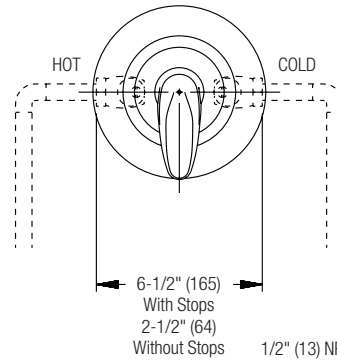
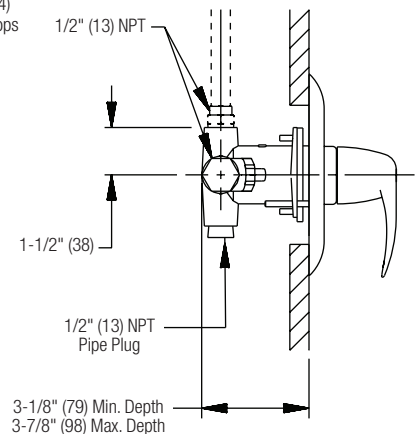
Sample Specification

Pressure-balancing valve shall have brass valve body with integral checkstops on valve inlets. Valve cartridge shall be ceramic disc with stainless steel balancing piston with no wearing parts. Valve shall have adjustable hot temperature limit stop, and ADA-compliant lever handle. Pressure-balancing valve shall be Bradley Equa-Flo model S59-1000.

Dimensions

(mm)

4-1/2" (114) Diameter Wall Opening Required



Engineer's Approval _____