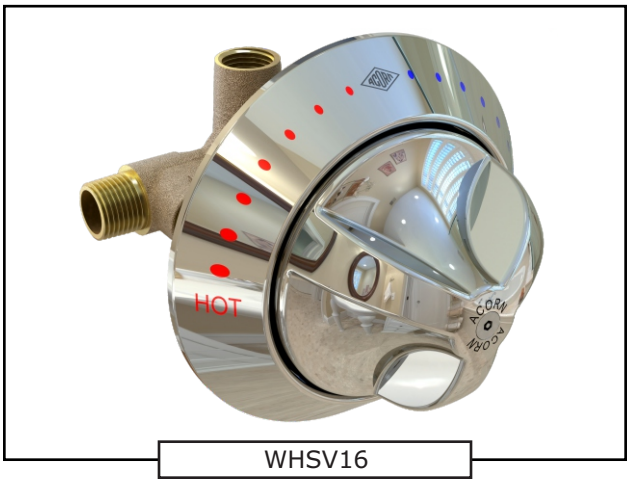
Cape Cod Systems
888-227-8555

Division of Acorn Engineering Company®

A MEMBER OF MORRIS GROUP INTERNATIONAL

APPLICATION: SHOWER VALVE

The Whitehall WHSV16 ASSE 1016 ***(Rev. 2011)*** Certified Temperature/Pressure (T/P) compensating Shower Valve meets the requirements of any shower or tub/shower application where uncompromised bather safety and comfort is required. Although designed and built for the challenges of commercial and industrial facilities, it is cost competitive with high-end Pressure Balancing valves. The WHSV16 combination T/P valve allows even the most cost sensitive properties to meet budget without the scalding risk associated with type "P" valves.



WHSV16

US PATENTS - US 10,474,170 B2 & US D697,591

FEATURES:

- IAPMO certified at 1.25 GPM (4.7 LPM) control accuracy requirements of ASSE 1016 T/P
- Ceramic shut-off components for long-term, drip-free reliability
- ✧ Lead-Free certified DZR brass body with corrosion resistant and lead-free internal components
- A self-contained, field reversible cartridge eliminates cross- piping and offsetting of valves in back-to-back type installation
- Commercial quality paraffin sensor provides repeatable, reliable performance
- Integral checkstops to isolate individual valves for servicing and to prevent backflow
- A non-rising stem insures the benefit of our patented Ligature Resistant trim even when full open
- Our patented Tri-Lever Ligature Resistant Handle is all-metal and provides ADA Compliance throughout the full operating range
- Serviceable inlet screens

SPECIFICATIONS:

Connections: ..... Combination 1/2" NPT and 1/2" solder Inlet Connections

Riser Connection: ..... 1/2" NPT

Flow Rate: ..... 4 GPM (15 LPM) @ 45 PSI (310 kPa) Differential

Hot Water Supply Temp.: ..... 110°F-180°F (43°C-82°C)

Cold Water Supply Temp.: ..... 35°F-80°F (1.7°C-27°C)

Approach Temperature*: ..... 5°F (2.8°C) Above Set Point

Maximum Operating Pressure: ..... 125 PSI (862 kPa)

Temperature Ranges*: ..... 85°F-115°F (29°C-46°C)

Certified Minimum Flow: ..... 1.25 GPM (4.7 LPM)

PRESSURE DROP PSID (kPa)	Cv	5 (34)	10 (69)	15 (103)	20 (138)	30 (207)	45 (310)	60 (414)
FLOW RATE GPM (LPM)	0.6	1.3 (5)	1.9 (7.1)	2.3 (8.7)	2.7 (10)	3.3 (12.4)	4 (15.1)	4.6 (17.5)

** Under normal operating conditions.*

✧ The wetted surface of these valves contacted by consumable water contains less than 0.25% of lead by weight in conformance with national lead-free law.

GUIDE SPECIFICATION:

WHSV16 Shower valve shall meet performance requirements of ***ASSE 1016-2011***, Type T/P, compensating for ±50% fluctuation in supply line pressure and compensate for increases in hot water supply temperature. Valve shall operate with a non-rising stem and have ceramic shut-offs for long term drip-free reliability. Cartridge shall be self-contained, designed for easy maintenance and repair. Valve shall be a cast brass body with a capacity of 4 GPM (15 LPM) at 45 PSI (310 kPa) differential. Valve shall include a field adjustable limit stop, factory set at 110°F (43°C) and capable of supplying mixed water temperature within 5°F (2.8°C) of hot water supply temperature. Valve shall always open through cold water to maximize the safety of the bather.

Member of U.S. Green Building Council *Recyclable Product* *Water Conserving Product*

*Please visit **www.whitehallmfg.com** for most current specifications.*

⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Complies with the following standards: Pb Federal Public Law 111-380 (No Lead) ASSE 1016 CSA B125.16