LEONARD®
WATER TEMPERATURE CONTROLS

4500 SERIES

AQUATROL®

LEONARD PRESSURE ACTUATED WATER MIXING VALVES for shower and bath applications in hospitals, nursing homes, institutions, hotels, dormitories, apartments, health clubs and similar commercial installations

- Stainless steel pressure balancing piston compensates for supply pressure fluctuations
- Automatic shut down on failure of hot or cold supply
- Adjustable high temperature limit stop
- Angle checkstops on hot and cold inlets
- Color-coded dial, OFF through HOT, directional indicators
- Bronze, brass and stainless steel construction
- ASSE Standard 1016 listed

4500 Features

Control rod group includes a durable stainless steel pressure balancing piston which equalizes hot and cold supply pressures to keep shower temperature constant.

5°F (2°C) minimum differential between supply and outlet temperatures.

Adjustable high temperature limit stop is set for 110°F (43°C) (with an incoming hot water supply temperature of 135°F (57°C).

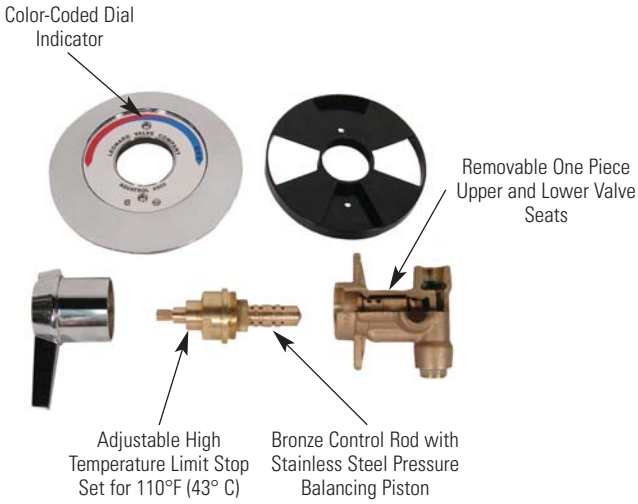
With the handle in the OFF position, hot and cold water entries into the valve are shut down completely, eliminating the possibility of cross connection.

The upper valve (cold) and lower valve (hot) seat is removable.

Bronze body, internal parts of bronze, brass, and stainless steel.

Angle hot and cold supply checkstops

Maximum operating pressure:
125 PSI (860 KPA)

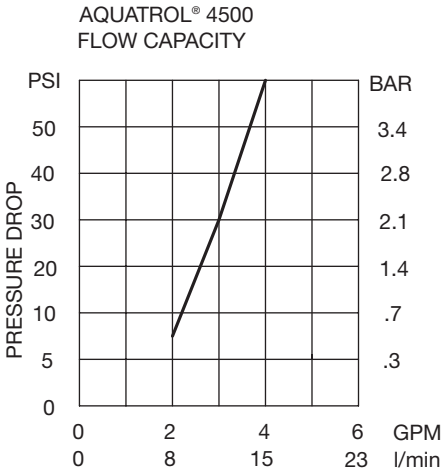


PERFORMANCE

If hot or cold supply should fail, the automatic shutdown feature reduces flow to prevent a continued spray of all hot or all cold water.

Model 4500 Aquatrol® valves provide dependable control of water temperature for showers or baths when correctly installed and maintained.

4500



4500 Models

CONCEALED MODELS

With Top and Bottom Outlets

Standard features include:

- Tub and/or shower installation
- 1/2″ inlets, 1/2″ top outlet, 1/2″ bottom outlet
- Adjustable high temperature limit stop set for 110°F (43°C)
- Combination angle checkstops on inlets
- Built-in shutoff, single-handle operation
- Bronze, brass and stainless steel construction
- Color-coded dial, OFF through HOT, directional indicators
- Cast lever handle and wall flange, chrome plated
- Factory pretested

4500

1/2″ inlets and outlet

4500

OPTIONS

____ SUFFIX VP Vandal-resistant screws

4500 Aquatrol® Combinations

4501

4500 valve, H-05 shower head (2.5 GPM), arm and flange

4503

4500 valve, D diverter spout, H-05 shower head

4505

4500 valve, D-2L inline diverter valve, 501P(G) hand shower, 2.5 GPM, with 24" glide rail, inline vacuum breaker, H-05 shower head

4507

4500 valve, D diverter spout, 501P(G) hand shower, 2.5 GPM, with 24"glide rail, inline vacuum

4509

4500 valve, D diverter spout, D-2L inline diverter valve, H-05 shower head (2.5 GPM), arm and flange, 501P(G) hand shower, 2.5 GPM, with 24"glide rail, inline vacuum

4511

4500 valve, H-06 fixed spray institutional shower head, 2.5 GPM

OPTIONS

SUFFIX H-03	Large brass shower head, ball joint, adjustable spray, 2.5 GPM
SUFFIX H-06	Institutional shower head, fixed spray, brass, 2.5 GPM
SUFFIX 501P(G)-30	Hand shower with 30" glide rail
SUFFIX 500P	Hand shower with two wall hooks
SUFFIX EVB	Elevated vacuum breaker (in place of inline vacuum breaker on hand shower)

Note: All specifications are subject to change without notice!

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