

MIXING VALVES

APOLLO® MIXING VALVES APPLICATION CHART - Point of Use

34D Series – ASSE 1070



Apollo 34D Series thermostatic “Mini Mixer” valves are dual ASSE 1070 certified and designed as the ultimate single fixture valve, with a mixed accuracy of +/- 2° F. Two designs are available depending on the application; single outlet design for sensor type faucets and double outlet design for standard connections.

- Compact, space saving design
- 3/8” compression x 3/8” compression connections
- Factory equipped with integral checks
- Corrosion resistant cast bronze body
- Stainless and thermoplastic internals
- Bypass tee option for cold water connection
- Chrome plating option

34B Series – ASSE 1070/ASSE 1017



Apollo 34B Series thermostatic mixing valves are dual ASSE 1070 and 1017 certified for point-of-use applications and provide enough capacity to protect up to twelve separate fixtures while maintaining an accuracy of +/- 3° F. They offer easy adjustment of water temperatures. In accordance with ASSE 1070 standards, Series 34B valves come with maximum set point control features.

- Sizes 1/2”, 3/4”, 1”
- Controlled temperatures from full cold up to 120° F.
- Corrosion resistant bronze body
- Union tailpieces, nuts, standard
- NPT, solder, CPVC and PEX connections
- In-line repairable
- Glass-filled Noryl® shuttle
- Factory equipped with integral checks and strainers
- Locking cap feature

34HL Series – ASSE 1069/ASSE 1017

Hi/Lo Mixer



Apollo 34HL is dual ASSE 1069 and 1017 certified as Point of Source and Point of Use. This thermostatic device will service multiple end-use fixture fittings, including but not limited to, gang showers and sitz baths, by supplying tempered water at a preset temperature through a single supply pipe and will meet ASSE standard 1069-2005. ASSE 1069 devices are designed to reduce the risk of scalding and thermal shock during changes in hot or cold water supply pressure or temperature, or loss of cold water supply.

- Capable of maintaining safe, consistent temperature control of water at low and high flows to within $\pm 3.6^{\circ}\text{F}$
- Provides consistent temperature control at flow rates as high as 60 GPM and as low as 1.5 GPM, including mid-range flow between high and low
- Performs without requiring recirculation pumps like other systems in order to achieve low flow control
- Integral strainers and checks are provided at the hot and cold supply inlets for greater reliability and performance.
- Manufactured to the same exacting standards that have made the Apollo name famous for durability and reliability
- Units can be mounted in parallel for extra large flow requirements
- Cabinets available

34E Series – ASSE 1071

Emergency Eye Wash / Face Wash



Apollo 34E Emergency Mixing Valves are designed to control the cold and hot water temperature to deliver tepid water at a predetermined temperature to emergency eyewash/facewash fixtures. The device provides a precise temperature and flow control in the event of cold water, hot water and thermostatic element failures. Complies with ANSI Z358.1-2009 & ASSE 1071-2008.

- Hot and cold water supply failure protection patented design (US Patent 6,926,20 B2)
- Tepid water temperature limit control and adjustment
- Tepid water temperature adjustment handle with locking mechanism for tamper-resistant protection and inadvertent adjustment
- Integral inlet check valves and strainers to provide protection against cross-flow and foreign particles
- Superior thermostatic element technology for optimum reliability, dependability and accuracy
- Thermostatic element failure and over-travel protection
- High efficiency and positive shut-off check valves
- In-line accessibility and serviceability of failure protection module and mixing valve internal components
- Meets the requirements of the EPA Safe Drinking Water Act
- Corrosion resistant components
- Single cartridge design of failure protection module for easy service and maintenance.