

MIXING VALVES

APOLLO® MIXING VALVES APPLICATION CHART - Point of Source

34-200 Series



Apollo 34 Series mixing valves help extend hot water supply and enhance the life and accuracy of hydronic thermostats in residential and small commercial systems. These valves may be used to increase draw capacity of automatic storage water heaters. They save hot water and energy by automatically regulating the mix of hot water with cold. Water temperatures can be adjusted by simply turning the yellow knob to the desired setting.

- Sizes 1/2", 3/4" solder
- Corrosion resistant bronze body and stainless steel spring
- Easy installation
- For tankless coils, water heaters, boilers and solar energy systems
- Outlet temperatures from 120°F to 130°F (110°F to 150°F optional)

34A-H Series – Radiant Heat



Apollo 34H Series mixing valves are ideal for use with domestic and commercial boilers and all types of radiant systems. They are available in a variety of pipe end connections and are equipped with element over-travel protection. Also the 34H Series mixing valves offer integral checks to prevent cross-connection of temperatures.

- Sizes 1/2", 3/4", 1"
- Maximum rated working pressure 125 psig
- Mixed temperature range is 120°F to 180°F
- Corrosion resistant cast bronze body
- Union tailpieces and union nuts, standard
- Designed to make maintenance fast and easy
- Glass-filled Noryl® shuttle

34A Series – ASSE 1017



Apollo 34A Series mixing valves provide thermostat control of temperatures in residential, commercial and non-potable hot water systems. They are ASSE 1017 certified and designed for use with water heaters and boilers. During operation, the valve redistributes and extends safe hot water from the heater to various sections of a building's water system. 34A Series mixing valves offer integral checks to prevent cross-connection of temperatures. They also enable the contractor to direct mount the unit to the heater or boiler instead of heat trapping the valve.

- Sizes 1/2", 3/4", 1"
- Highest flow capacity in their class
- Maximum rated working pressure of 125 psig
- Easy temperature control from 85°F to 140°F
- Corrosion resistant cast bronze body
- Union tailpieces and union nuts, standard
- Easily accessible internals allow in-line servicing
- Glass-filled Noryl® shuttle

34C Series – ASSE 1017



Apollo 34C Series high capacity mixing valves are ASSE 1017 certified. Also available in a high temperature model, these large capacity valves are designed for use in large commercial and institutional hot water systems.

- Sizes 3/4" - 2"
- Industry leading flow rates
- Corrosion resistant cast bronze body
- Stainless steel and thermoplastic internals
- Maximum rated pressure 150 psig
- Controlled temperature range is 90°F to 140°F (130°F to 180°F optional)
- All replaceable parts accessible from single point
- In-line repairable
- Glass-filled Noryl® shuttle

34HL Series – ASSE 1017/ASSE 1069

Hi/Lo Mixer



Apollo 34HL single assembly controls mixed water temperatures to multiple-outlet shower and sink installations. It's the ideal choice in new construction or retrofits in nursing homes, prisons, hospitals, schools, gymnasiums, airports and other facilities where constant safe water temperature needs to be maintained at several outlets without the use of independent ASSE 1016 shower valves.

- 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

www.apollovalves.com

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