

# "Apollo"® Valves

## Mixing Valves



## system overview

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**aalberts** integrated  
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## ASSE 1017 Point-of-Source Mixing Valves

Apollo Mixing Valves are the perfect solution for:

- Increasing the amount of hot water your hot water heater can supply. By heating the water to a higher temperature, and mixing with water from the cold line, they can double the hot water capacity.
- Preventing Legionella disease. By increasing the temperature in your hot water heater to 140°F, it not only prevents Legionella bacteria from growing but will also kill the bacteria.
- Preventing injury from scalding and thermal shock. Apollo Mixing Valves offers both hot and cold supply failure shut off protection. If the cold water supply is compromised, it will shut the hot water flow down to a trickle, preventing accidental scalding. If the hot water supply is compromised, it will also shut the cold water flow down to a trickle, helping to prevent any injury in a shower situation.

**All Apollo mixing valves are made in Pageland, South Carolina and are ARRA compliant.**

### 34ALF Series

34ALF Mixing Valves come with integral strainers and check valves as standard. Provides hot water temperature control of potable and non-potable hot water distribution systems. Fingertip temperature control with maximum temperature limit option.

#### FEATURES

- Mixed Water Temp Range: 85° - 120°F (29° - 49°C)\*
  - Minimum Flow Rate: 0.5 GPM (1.9 LPM)
  - ASSE 1017
  - NSF/ANSI 372 - Lead Free
  - End Connections: Solder, Female NPT, CPVC, PEX (F1807 & F1960), Press, Push
- \*High Temperature Version for Hydronic/Radiant Heating Applications. Temp Range: 120°-180°F (49°- 82°C)



### 34BLF Series

34BLF Mixing Valves come with integral strainers and check valves as standard. Provides hot water temperature control of potable and non-potable hot water distribution systems. Fingertip temperature control with maximum temperature limit option. **Triple Certified to ASSE 1017, 1069 & 1070** with the highest capacity that meets ASSE 1070.

#### FEATURES

- Mixed Water Temp Range: 80° - 120°F (27° - 49°C)\*
  - Minimum Flow Rate: 0.5 GPM (1.9 LPM)
  - ASSE 1017, 1069, 1070
  - NSF/ANSI 372 - Lead Free
  - End Connections: Solder, Female NPT, CPVC, PEX (F1807 & F1960), Press, Push
- \*High Temperature Version for Hydronic/Radiant Heating Applications. Temp Range: 120°-180°F (49°- 82°C)



### 34CLF Series

34CLF Mixing Valves are designed for high capacity commercial and institutional “point-of-source” applications. Featuring ease of maintenance and “best in class” flow rates, providing reliable temperature control for large hot water distribution and hydronic heating systems.

#### FEATURES

- Mixed Water Temp Range: 90°F - 140°F (32° - 60°C)\*
  - Minimum Flow Rate: 1.0 GPM (3.79 LPM)
  - ASSE 1017
  - NSF/ANSI 372 - Lead Free
  - End Connections: Female NPT
- \*High Temperature Version for Hydronic/Radiant Heating Applications. Temp Range: 130°-180°F (54° - 82°C)



## ASSE 1070 Point-of-Use Mixing Valves

### 34BLF Series

34BLF Mixing Valves come with integral strainers and check valves as standard. Provides hot water temperature control of potable and non-potable hot water distribution systems. Fingertip temperature control with maximum temperature limit option. **Triple Certified to ASSE 1017, 1069 & 1070** with the highest capacity that meets ASSE 1070.

#### FEATURES

- Mixed Water Temp Range: 80° - 120°F (27° - 49°C)\*
  - Minimum Flow Rate: 0.5 GPM (1.9 LPM)
  - ASSE 1017, 1069, 1070
  - NSF/ANSI 372 - Lead Free
  - End Connections: Solder, Female NPT, CPVC, PEX (F1807 & F1960), Press, Push
- \*High Temperature Version for Hydronic/Radiant Heating Applications. Temp Range: 120°-180°F (49°- 82°C)



### 34DLF Series

34DLF Mixing Valves comes with integral check valves as standard. Locking control knob and 120°F (49°C) temperature limit stop.

#### FEATURES

- Mixed Water Temp Range: 80° - 120°F (27° - 49°C)
- Minimum Flow Rate: 0.25 GPM (0.94 LPM)
- ASSE 1070
- Lead Free (NSF/ANSI 61 & 372)
- End Connections: 3/8" Compression Tube/Braided Hose Connection.
- Bypass Fitting Option for Dual Control Faucets Available.



### Tank Max

The Apollo Tank Max Thermal Mixing Valve significantly increases your water heater's effective volume of delivered 120°F hot water by mixing cold water with 140°F or higher hot water. Keeping the water in your water heater's tank at 140°F provides protection against the growth of Legionella which can lead to Legionnaires' disease. The thermostatic mixing valve on the Apollo Tank Max also ensures water will be delivered to all fixtures is at a safe temperature, protecting against scalding and thermal shock.

#### FEATURES

- Mixed Water Temp Range: 90° - 130°F (32°-55°C)
- Minimum Flow Rate: 1.0 GPM (4.0 LPM)
- ASSE 1017
- Lead Free (NSF/ANSI 61 & 372)
- End Connections: 3/4" MNPT Outlet x FNPT Union Fitting x 3/4" NPSH Inlet



### Temp. Gauge

The Apollo Temperature Gauge accessory is used to easily measure the mixed water temperature from a mixing valve. The gauge can be used on the Apollo 34ALF & 34BLF Series Mixing Valves sizes 1/2" & 3/4", is lead free and complies with NSF/ANSI 372 requirements.



learn more



[www.apollovalves.com](http://www.apollovalves.com)

Regional Management List:

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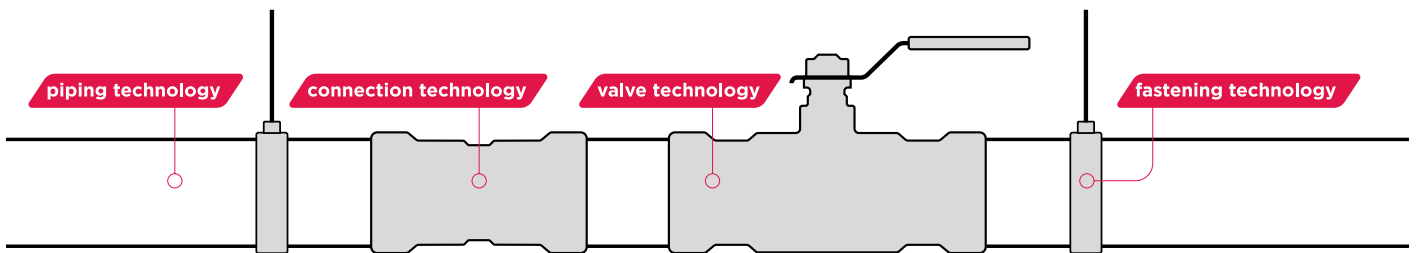
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