

*"Apollo"*® **COMMERCIAL**  
P R O D U C T S



**MIXING  
VALVES**





# "Apollo" THERMOSTATIC 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.
- Prevents 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.
- Prevents 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 the USA (Pageland, SC) and are ARRA compliant.**

## ASSE 1017

### POINT-OF-SOURCE MIXING VALVES

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)



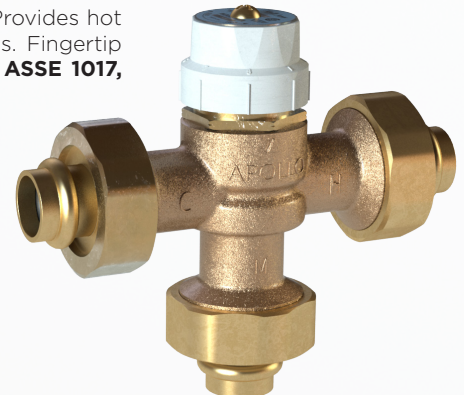
34BLF  
SERIES

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)



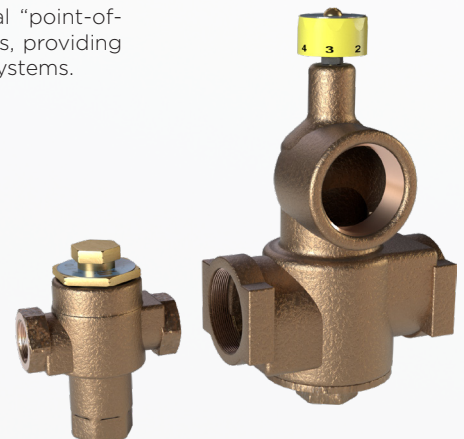
34CLF  
SERIES

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)

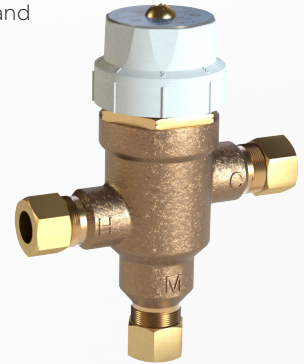


### 34DLF SERIES

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.



### TANKMAX

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.





# 34BLF

S E R T E S

TAMPER-RESISTANT  
MAX TEMP SETTING  
ADJUSTMENT

WHITE CAP INDICATES  
LEAD FREE CONSTRUCTION

WASHER WITH  
MESH STRAINER

INTEGRAL CHECK VALVES

NUMEROUS CONNECTION  
TYPE TAILPIECE OPTIONS



TRIPLE ASSE  
CERTIFIED



1017  
1069  
1070



LEADFREE  
CERTIFIED



WARRANTY  
MADE IN USA

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pipng systems  
aalberts