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Item # 24524, 3/8" HG145 with Compression Connections and Integral Checks

The Heatguard® 145 is a compact Thermostatic Mixing Valve that mixes hot water with cold to deliver tempered water at a constant temperature.

The Heatguard® 145 is specifically intended for use in conjunction with individual faucets and electronic sensor faucets.

The Heatguard® 145 is a compact, high specification product incorporating the latest in Thermostatic Technology. It features a robust design based on the expertise gained from years of experience in the design and manufacture of

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Specifications

Type	Thermostatic Mixing Valves
Connection Type	Compression
Size	3/8

Operating Temperature [Min]	35 °C 95 °F
Operating Temperature [Max]	48 °C 118 °F
Operating Pressure [Max]	230 psi
Flow Rate Minimum	0.34 gpm (1.3L/min)
Flow Rate Maximum	5.8 gpm (22L/min)
Factory Set Temperature Range	104 - 110 °F (40 - 43.3 °C)
Hot Temperature Supply Range	120 - 194 °F (48.9 - 90 °C)
Cold Temperature Supply Range	39 - 85 °F (3.9 - 30 °C)

Dimensions

Overall Length	3.78 in 99.94 mm
Overall Height	4.22 in 107.07 mm

Material

Body Material	Bronze
Springs Material	Stainless Steel
Internal Cap Material	Brass
Piston Material	Engineered Polymer
Guide Tube Material	Noryl GFN2

Details

Features and Benefits

Compact design: Easily fits under or behind a single basin. Accurate temperature control with flows as low as 0.34 gpm (1.3 l/min): Increased user comfort and convenience, (especially with sensor faucets). Robust, low complexity construction: Superior reliability, improved user safety. Total flow shut-off if cold supply fails: Greater end user safety. Listed by IAPMO, CSA, and ASSE: Inspector friendly, peace of mind! Use with SharkBite®: Easily connect to the riser with SharkBite® 1/4" fittings and stops.

Specification

A Temperature Actuated Mixing Valve shall be installed at single point-of-use fixture to deliver hot water at a controlled temperature. The valve shall be certified to ASSE 1070 and CSA B 125.3 standards and third party listed. The temperature actuated mixing valve shall control the delivered water temperature via a regulating piston made from engineered polymer. The valve should have check valves at both inlets to prevent cross flow from hot to cold. The adjusting mechanism shall be protected by a snap-on cover. The valve shall be a Cash Acme Heatguard® 145 LF.

Typical Installation

The Heatguard® 145 is a high performance thermostatic mixing valve designed to deliver mixed water to a single outlet. It can also be used to supply sensor faucets or two handle manual faucets.

Certifications

The Cash Acme Heatguard® 145 LF is certified to ASSE 1070, CSA B125.3, NSF 372, and listed by ASSE, CSA, and IAPMO for use in accordance with U.S. and Canadian plumbing codes.