



Heatguard® 110-D Series

The Heatguard® 110-D is a Temperature Actuated Mixing Valve that mixes hot water with cold to deliver tempered water at a controlled temperature to 120°F (49°C) maximum and is designed to assist in the prevention of scalding.

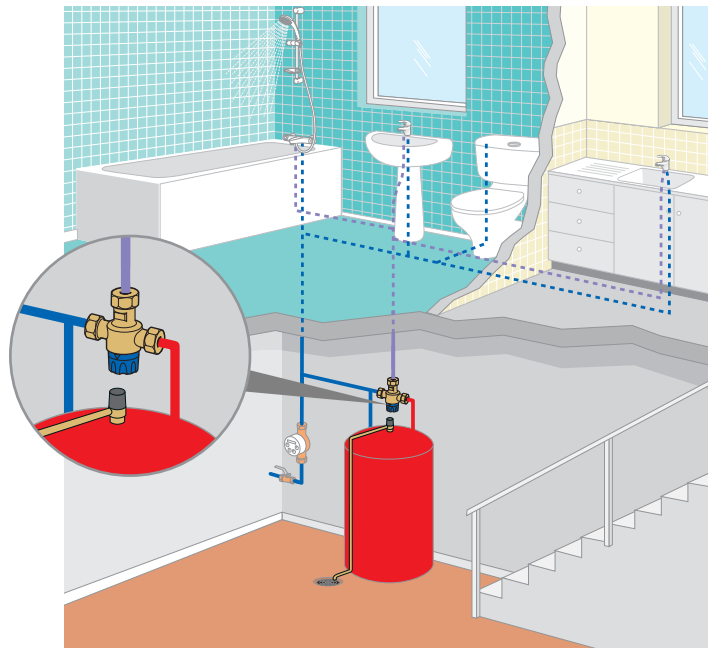
The Heatguard® 110-D is intended for installation at the water heater to distribute controlled temperature water through a domestic hot water system.

- Delivers water at a maximum of 120°F (49°C) throughout the system: *Safer hot water from all outlets.*
- Allows the heater to be set at 140°F (60°C) or higher: *Greater effective hot water volume yields less chance of legionella within the cylinder.*
- Every valve is tested for performance prior to shipping: *Specify and install with confidence!*
- Robust, low complexity construction: *Superior reliability, improved user safety.*
- Unique, purpose designed adjuster tool: *Minimizes unauthorized tampering with valve setting.*
- Listed by IAPMO and ASSE: *Inspector friendly, peace of mind!*

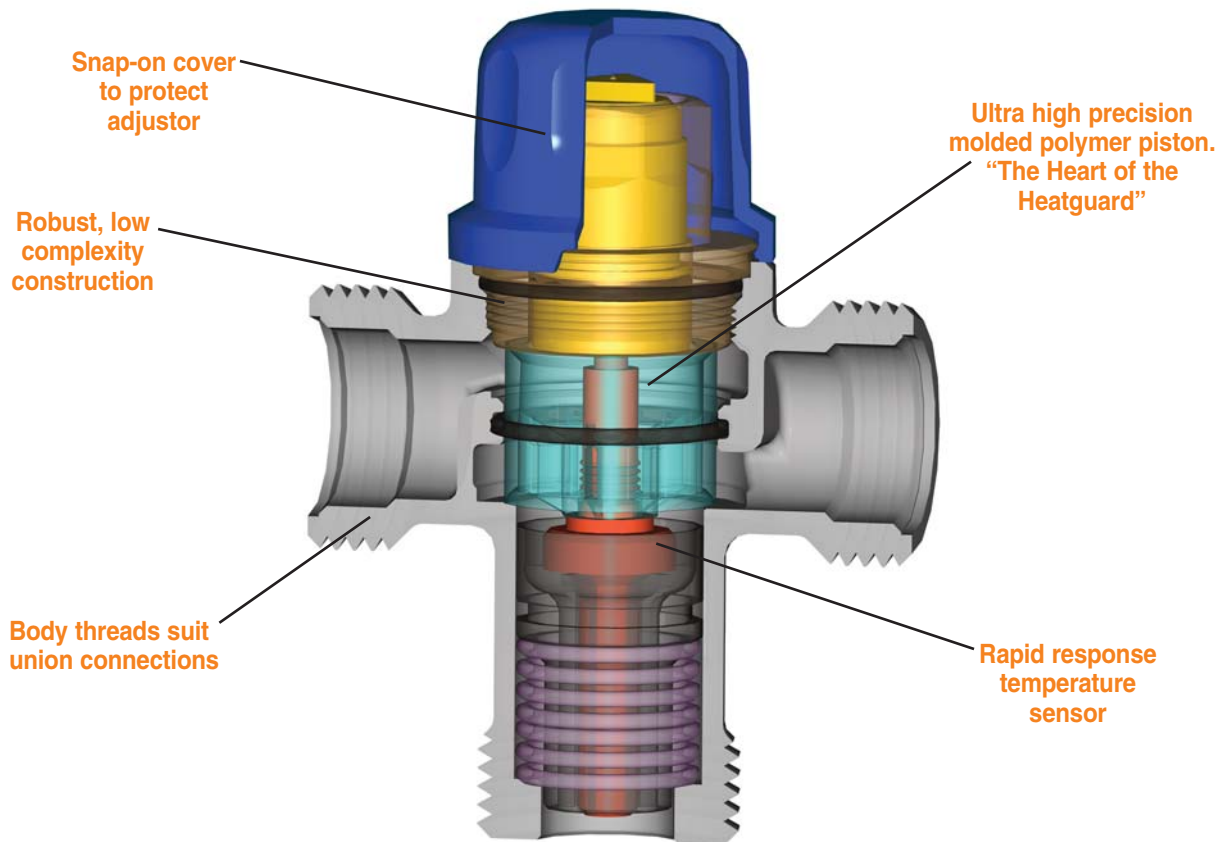


TYPICAL INSTALLATION

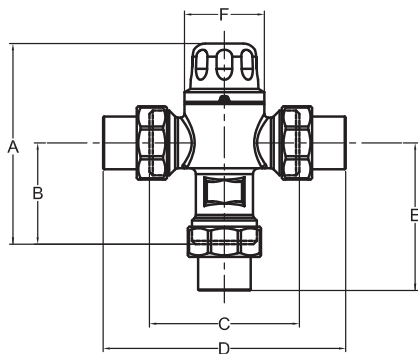
To control water temperature at the source of heat (hot water tank) to provide a safe distribution temperature.



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MODELS/SIZES



Dimensions	A	B	C	D	E	F	Inches (mm)
Base Valve	4.1 (103)	2.1 (52)	3.0 (76)	*	*	1.6 (41)	
1/2" Sweat	4.1 (103)	2.1 (52)	3.0 (76)	4.4 (112)	2.6 (66)	1.6 (41)	
3/4" Sweat	4.1 (103)	2.1 (52)	3.0 (76)	4.9 (124)	3.0 (76)	1.6 (41)	
1" Sweat	4.1 (103)	2.1 (52)	3.0 (76)	7.2 (184)	4.2 (106)	1.6 (41)	

CONNECTIONS (sold separately)

Sweat	1/2", 3/4" and 1"
Sweat w/ check	1/2" and 3/4"
Barb	1/2", 3/4" and 1"
Barb w/ Check	1/2", 3/4" and 1"
Compression	3/8" OD (1/4" ID), 1/2" ID (5/8" OD),
.....	3/4" ID (7/8" OD)
Compression w/ check	3/8" OD (1/4" ID), 1/2" ID (5/8" OD),
.....	3/4" ID (7/8" OD)
Threaded (NPT)	1/2" and 3/4"
Threaded (NPT) w/ check	1/2" and 3/4"
CPVC	1/2" and 3/4"
CPVC w/ Check	1/2" and 3/4"
SharkBite® Connection	1/2" and 3/4"

CERTIFICATIONS

The Cash Acme Heatguard® 110-D is certified to ASSE 1017 and CSA B125.3. The Cash Acme Heatguard® 110-D is listed by ASSE and IAPMO.