

CashAcme™

HG 110-HX Mixing Valve

The Heatguard™ 110-HX is a Temperature Actuated Mixing Valve that mixes hot water with cold to deliver hot water at a reduced temperature.

BIM Available [Online](#)

Application

Hydronic and radiant heating systems

Specification Data

Performance

Adj. Outlet Temperature Range	85 – 176°F (29 – 80°C)
Factory Set Outlet Temperature Range	115 – 120°F (46 – 49°C)
Temp. Hot Supply	120 – 180°F (48.9 – 82.2°C)
Temp. Cold Supply	39 – 80°F (3.9 – 26.7°C)
Maximum Pressure	230 Psi (1600 Kpa)
Flow Rate, Minimum	1 Gpm (3.8 L/Min)
Flow Rate, Maximum	20 gpm (76 l/min)

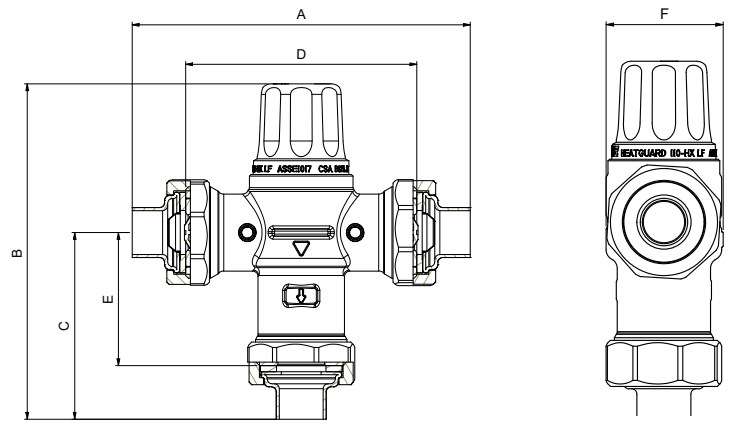
Materials

Body	Lead- Free Bronze ¹
Seals	EPDM
Springs	Stainless Steel
Internal Cap	Brass
Piston	Engineered Polymer

¹ Lead Free for all models, surfaces that are in contact with consumable water contain less than 0.25% lead by weight.

Codes and Standards

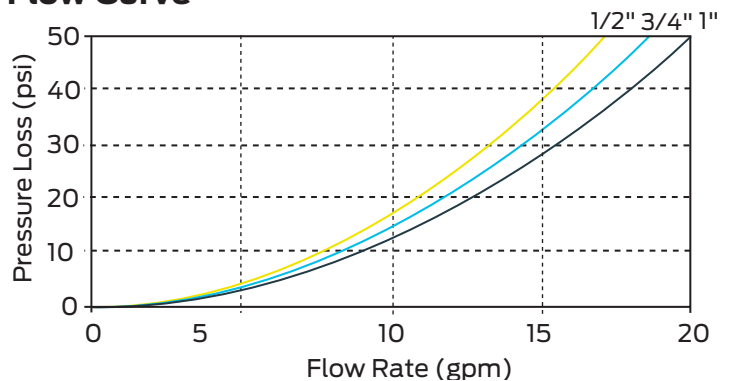
The Cash Acme Heatguard 110-HX is certified to ASSE 1017, CSA B125.3, NSF/ANSI/CAN 372, NSF/ANSI/CAN 61, and listed by ASSE and IAPMO for use in accordance with U.S. and Canadian plumbing codes.



Dimensions (inches)

Size	Connections Ends	Part	A	B	C	D	E
1/2"	Sweat	24513	4.84	5	2.67	3.31	1.91
3/4"	Sweat	24514	5.23	5.18	2.87	3.31	1.91
1"	Sweat	24515	7.56	6.32	4.04	3.31	1.91
1/2"	Threaded NPT	24517	5.68	5.4	3.09	3.31	1.91
3/4"	Threaded NPT	24518	6.19	5.65	3.35	3.31	1.91
1/2"	Cold Expansion	25947	5.55	5.15	3.03	3.31	1.91
3/4"	Cold Expansion	25983	6.01	5.38	3.26	3.31	1.91
3/4"	SharkBite	24867	6.21	5.72	3.65	3.31	1.91

Flow Curve



Product Submittal

Name		Contractor	
Date		Tag	
Architect/Owner		Notes	

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