

CashAcme™ HG 110-D Mixing Valve

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.

BIM Available [Online](#)

Approved Applications

- Domestic and Commercial hot water distribution.

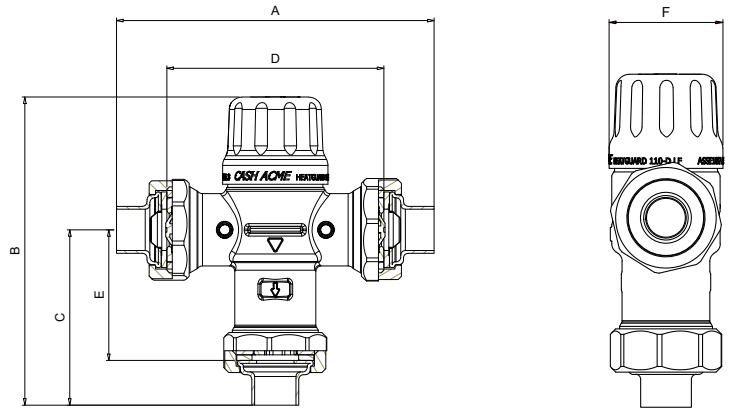
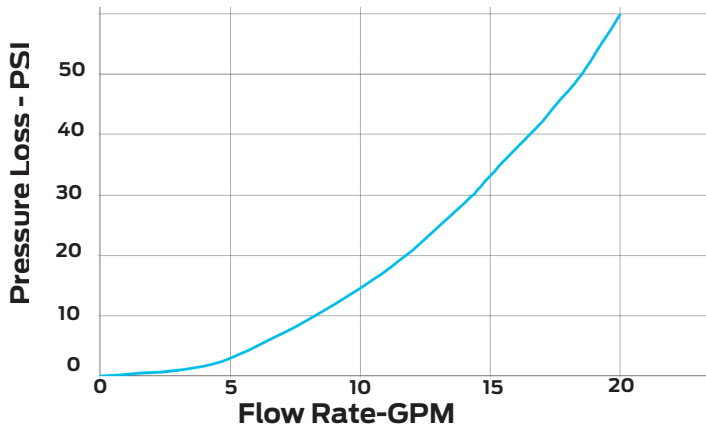
Specification Data

Performance	
Adj. Outlet Temperature Range	85 – 130°F (29 – 54°C)
Factory Set and Locked	120°F (49°C)
Temperature Hot Supply	120 – 180°F (48.9 – 82.2°C)
Temperature Cold Supply	39–80°F(3.9–26.7°C)
Maximum Pressure	230 psi* (1600 kPa)
Flow Rate, Minimum	1 GPM (3.8l/Min)
Flow Rate, Maximum (@ 60 psi)	20 GPM (53 l/min)

*200 psi (1379 kPa) when using with SharkBite connections.

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

Flow Curve



Dimensions (inches)

Size	Connections	Ends Part	A	B	C	D	E
½"	Sweat	24501	4.79	4.74	2.65	3.07	1.91
¾"	Sweat	24502	5.17	4.91	2.84	3.07	1.91
1"	Sweat	24503	7.57	6.13	4.04	3.07	1.91
½"	SharkBite Union	24504	6.12	5.41	3.31	3.07	1.91
¾"	SharkBite Union	24505	6.47	5.58	3.49	3.07	1.91
½"	Barb (PEX)	24506	5.29	4.99	2.90	3.07	1.91
¾"	Barb (PEX)	24507	5.29	4.99	2.90	3.07	1.91
½"	CPVC	24508	6.92	5.81	3.71	3.07	1.91
¾"	CPVC	24509	6.93	5.81	3.72	3.07	1.91
½"	Threaded NPT	24510	5.68	5.17	3.09	3.07	1.91
¾"	Threaded NPT	24511	6.19	5.42	3.35	3.07	1.91
½"	Direct SharkBite	24548	5.94	5.36	3.27	4.08	2.34
¾"	Direct SharkBite	24549	5.89	5.34	3.24	4.08	2.34
½"	Cold Expansion	25948	5.55	5.01	3.03	3.07	1.91
¾"	Cold Expansion	25949	6.01	5.24	3.26	3.07	1.91

Codes & Standards

The Cash Acme Heatguard 110-D is certified to ASSE 1017, ASSE 1069, ASSE 1070/ASME A112.1070/CSA B125.70, CSA B125.3, NSF/ANSI 372, NSF/ANSI/CAN 61 and listed by IAPMO, ASSE, and CSA for use in accordance with U.S. and Canadian plumbing codes.



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

Product Submittal

Name	Contractor
Date	Tag
Architect/Owner	Notes

This information is proprietary to RWC and is subject to change without notice. It may not be reproduced in part or whole without written authorization.