

Cash Acme™

HG110-D Thermostatic Mixing Valve

The Heatguard™ 110-D is a Temperature Actuated Mixing Valve that mixes hot water with cold water to deliver tempered water at a controlled temperature to 120°F (49°C) maximum.

Approved Applications

Domestic and commercial hot water distribution.

Specification Data

Performance

Adj. Outlet Temperature Range	85°F-130°F (29°C-54°C)
Factory Set Temperature Range	115°F-120°F (46°C-49°C)
Hot Supply Temperature	120°F-180°F (48.9°C-82.2°C)
Cold Supply Temperature	39°F-80°F (3.9°C-26.7°C)
Maximum Pressure	230 psi
Min. Flow Rate	0.5 GPM
Max. Flow Rate @ 50 psi	14 GPM

Materials

Body	Lead-Free ¹ DZR Brass
Springs	Stainless Steel
Internal Cap	Brass
Piston	Engineered Polymer
Inlet Strainer Screens	Stainless Steel

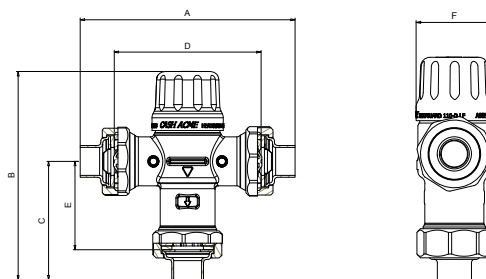
¹ For all models, surfaces that are in contact with consumable water contain less than 0.25% lead by weight.

Certifications & Listings

ASSE 1017, ASSE 1069, ASSE 1070/ASME A112.1070/CSA B125.70, CSA B125.3, NSF/ANSI/CAN 61, NSF/ANSI/CAN 372



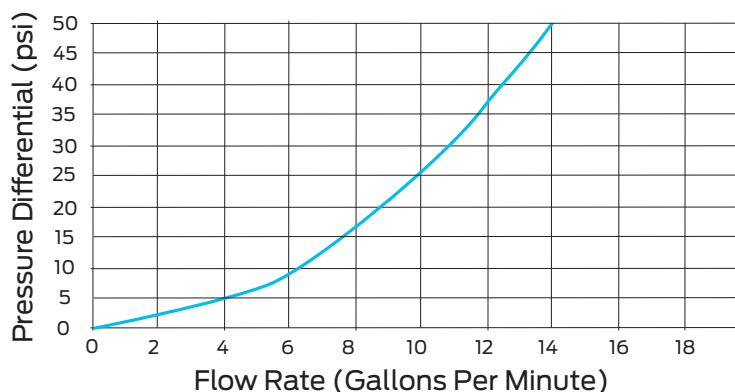
Refer to local plumbing code



Dimensions (inches)

Size	Connection Style	Part #	A	B	C	D	E	F
1/2"	Sweat	24501	4-25/32	4-3/4	2-21/32	3-1/16	1-29/32	1-9/16
1/2"	SharkBite Union	24504	6-1/8	5-13/32	3-5/16	3-1/16	1-29/32	1-9/16
1/2"	Barb	24506	5-9/32	5	2-29/32	3-1/16	1-29/32	1-9/16
1/2"	CPVC	24508	6-15/16	5-13/16	3-23/32	3-1/16	1-29/32	1-9/16
1/2"	Threaded FNPT	24510	5-11/16	5-5/32	3-3/32	3-1/16	1-29/32	1-9/16
1/2"	Direct SharkBite	24548	5-15/16	5-3/8	3-9/32	4-3/32	2-11/32	1-9/16
1/2"	Cold Expansion	25948	5-9/16	5	3-1/32	3-1/16	1-29/32	1-9/16
3/4"	Sweat	24502	5-3/16	4-29/32	2-27/32	3-1/16	1-29/32	1-9/16
3/4"	SharkBite Union	24505	6-15/32	5-19/32	3-1/2	3-1/16	1-29/32	1-9/16
3/4"	Barb	24507	5-9/32	5	2-29/32	3-1/16	1-29/32	1-9/16
3/4"	CPVC	24509	6-15/16	5-13/16	3-23/32	3-1/16	1-29/32	1-9/16
3/4"	Threaded MNPT	24511	6-3/16	5-7/16	3-11/32	3-1/16	1-29/32	1-9/16
3/4"	Threaded FNPT	25523	6	5-11/32	3-1/4	3-1/16	1-29/32	1-9/16
3/4"	Direct SharkBite	24549	5-29/32	5-11/32	3-1/4	4-3/32	2-11/32	1-9/16
3/4"	Cold Expansion	25949	6	5-1/4	3-1/4	3-1/16	1-29/32	1-9/16
1"	Sweat	24503	7-9/16	6-1/8	4-1/32	3-1/16	1-29/32	1-9/16

Flow Curve



Product Submittal

Name	
Date	
Architect/Owner	
Contractor	
Tag	
Notes	