



THERMOSTATIC MIXING VALVES

HG110-HX

COMMERCIAL, RESIDENTIAL

The HG110-HX LF temperature actuated thermostatic mixing valve mixes hot and cold water to deliver reduced temperature hot water. This Heatguard valve offers a high flow rate which reduces system pressure losses, and robust, low complexity construction. An adjustable and lockable handle prevents tampering. The extended outlet temperature range—up to 176°F (80°C)—makes the 110-HX LF ideal for heating system applications. Adj. outlet temperature range: 85–176°F (29.4–80°C).

FEATURES AND BENEFITS:

- High flow rate design for lower pressure losses within the system providing efficient system performance for lower running costs
- Robust, low complexity construction for superior reliability
- Integral union connections on all three ports for Easy and quick install and service
- Unique, purpose designed adjuster tool integrated with cap minimizes unauthorized tampering with valve setting
- Every valve is tested for performance on an automated testing station during the assembly process

PERFORMANCE:

Adj. outlet temperature range	85–176°F (29.4–80°C)
Factory set outlet temperature range	115–120°F (46.1–48.9°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)

APPLICATIONS:

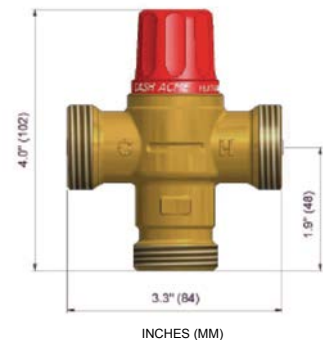
Hydronic and radiant heating systems.

AVAILABLE CONNECTIONS:

Sweat	1/2", 3/4" and 1"
Threaded (NPT)	1/2" and 3/4"
SharkBite	3/4"

APPROVALS AND LISTINGS:

ASSE 1017, CSA B125.3, NSF/ANSI 372 (Lead Free), NSF/ANSI 61. Listed by ASSE and IAPMO.



PRODUCT DESCRIPTION	PART NUMBER
HG110-HX LEAD FREE	
1/2" HG110-HX with FNPT Connections and Integral Checks	24517
3/4" HG110-HX with MNPT Connections and Integral Checks	24518
1/2" HG110-HX with Sweat Connections and Integral Checks	24513
3/4" HG110-HX with Sweat Connections and Integral Checks	24514
1" HG110-HX with Sweat Connections and Integral Checks	24515
3/4" HG110-HX with SharkBite Connections and Integral Checks	24867