

AM-1 Series™



LEAD FREE THERMOSTATIC MIXING VALVES

SUBMITTAL SHEET

Job Name	
Engineer	
Mechanical Contractor	
Contractor's P.O. No.	
Representative	
Notes	

Model(s)				
	Qty.		Notes	
	Qty.		Notes	
Approval				
Service				
Tag No.				

APPLICATION

The Honeywell AM-1 series accurately adjusts, maintains, and limits the hot water temperature to a desired setting selected by the user. By installing a Honeywell AM-1 mixing valve, raising water heater storage temperature setting, and limiting mixed outlet water temperature to a safe temperature, more usable hot water is available.

SPECIFICATIONS

Design: Straight-Through (hot and cold at the same level)

Maximum Pressure: 150 psi (1034 kPa)

Certifications: ASSE, CSA and IAPMO listed

Patent Information: U.S. Patent No. 6,079,625

Warranty: 1 year limited warranty

MATERIALS

Body: Teflon®-Coated, Nickel-Plated Low Lead Brass*

Temperature Gauge Adapter/Thermowell: Low Lead Brass

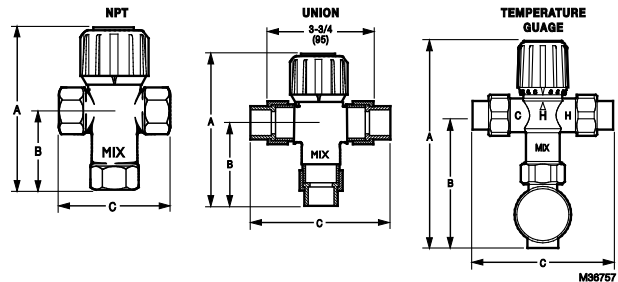
Shuttle: Teflon-Coated Low Lead Brass*

O-Rings: EPDM Rubber

Teflon® is a registered trademark of DuPont or its affiliates.

***Lead Free Plumbing Code Compliance:** The wettable surfaces of lead free models contain less than 0.25% of lead by weighted average.

DIMENSIONS



Model Number	Pipe Size	Operating Temp.	CV	ASSE Certs.	Dimensions		
	Inch				A	B	C
NPT							
AM100-1LF	1/2"	70°F - 145°F	3.2	1017	5.8	2.7	3
AM101-1LF	3/4"	70°F - 145°F	3.8	1017	5.8	2.7	3
AM102-1LF	1"	70°F - 145°F	4.3	1017	5.8	2.7	3
AM100C-1LF	1/2"	70°F - 120°F	3.2	1017	5.8	2.7	3
AM101C-1LF	3/4"	70°F - 120°F	3.8	1017	5.8	2.7	3
AM102C-1LF	1"	70°F - 120°F	4.3	1017	5.8	2.7	3
Union Sweat							
AM100-US-1LF	1/2"	70°F - 145°F	3.9	1017	5.4	2.8	4.6
AM101-US-1LF	3/4"	70°F - 145°F	3.9	1017	5.6	2.9	4.9
AM102-US-1LF	1"	70°F - 145°F	3.9	1017	6.3	3.7	6.5
AM100C-US-1LF	1/2"	70°F - 120°F	3.9	1017	5.4	2.8	4.6
AM101C-US-1LF	3/4"	70°F - 120°F	3.9	1017	5.6	2.9	4.9
AM102C-US-1LF	1"	70°F - 120°F	3.9	1017	6.3	3.7	6.5
AM100C1070-US-1LF	1/2"	70°F - 120°F	1.8	1017, 1070	5.4	2.8	4.6
AM101C1070-US-1LF	3/4"	70°F - 120°F	1.8	1017, 1070	5.6	2.9	4.9
AM102C1070-US-1LF	3/4"	70°F - 120°F	1.8	1017, 1070	6.3	3.7	6.5



Model Number	Pipe Size	Operating Temp.	CV	ASSE Certs.	Dimensions		
	Inch				A	B	C
Union CPVC							
AM100-UCPVC-1LF	1/2"	70°F - 145°F	3.9	1017	5.8	2.8	4.7
AM101-UCPVC-1LF	3/4"	70°F - 145°F	3.9	1017	5.8	2.8	4.7
AM100C-UCPVC-1LF	1/2"	70°F - 120°F	3.9	1017	5.8	2.8	4.7
AM101C-UCPVC-1LF	3/4"	70°F - 120°F	3.9	1017	5.8	2.8	4.7
AM100C1070UCPVC1	1/2"	70°F - 120°F	1.8	1017, 1070	5.8	2.8	4.7
AM101C1070UCPVC1	3/4"	70°F - 120°F	1.8	1017, 1070	5.8	2.8	4.7
Union Threaded							
AM100-UT-1LF	1/2"	70°F - 145°F	3.9	1017	5.9	2.9	4.9
AM101-UT-1LF	3/4"	70°F - 145°F	3.9	1017	6.6	3.8	6.5
AM102-UT-1LF	1"	70°F - 145°F	3.9	1017	6.8	3.9	7
AM100C-UT-1LF	1/2"	70°F - 120°F	3.9	1017	5.9	2.9	4.9
AM101C-UT-1LF	3/4"	70°F - 120°F	3.9	1017	6.6	3.8	6.5
AM102C-UT-1LF	1"	70°F - 120°F	3.9	1017	6.8	3.9	7
AM100C1070-UT-1LF	1/2"	70°F - 120°F	1.8	1017, 1070	5.9	2.9	4.9
AM101C1070-UT-1LF	3/4"	70°F - 120°F	1.8	1017, 1070	6.6	3.8	6.5
AM102C1070-UT-1LF	1"	70°F - 120°F	1.8	1017, 1070	6.8	3.9	7
Temperature Gauge							
AM100-USTG-1LF/U	1/2"	70°F - 145°F	3.9	1017	7.1	4.5	4.6
AM101-USTG-1LF/U	3/4"	70°F - 145°F	3.9	1017	7.3	4.7	4.9
AM102-USTG-1LF/U	1"	70°F - 145°F	3.9	1017	7.4	4.8	6.5
AM100C-USTG-1LF/U	1/2"	70°F - 120°F	3.9	1017	7.1	4.5	4.6
AM101C-USTG-1LF/U	3/4"	70°F - 120°F	3.9	1017	7.3	4.7	4.9
AM102C-USTG-1LF/U	1"	70°F - 120°F	3.9	1017	7.4	4.8	6.5
AM100C1070-USTG-LF	1/2"	70°F - 120°F	1.8	1017, 1070	7.1	4.5	4.6
AM101C1070-USTG-LF	3/4"	70°F - 120°F	1.8	1017, 1070	7.3	4.7	4.9
AM102C1070-USTG-LF	1"	70°F - 120°F	1.8	1017, 1070	7.4	4.8	6.5
AM100R-USTG-1/U	1/2"	70°F - 180°F	3.9	N/A	7.1	4.5	4.6
AM101R-USTG-1/U	3/4"	70°F - 180°F	3.9	N/A	7.3	4.7	4.9
AM102R-USTG-1/U	1"	70°F - 180°F	3.9	N/A	7.4	4.8	6.5

Model Number	Pipe Size	Operating Temp.	CV	ASSE Certs.	Dimensions		
	Inch				A	B	C
Union PEX							
AM100-UPEX-1LF	1/2"	70°F - 145°F	3.9	1017	6.0	3.0	5.1
AM101-UPEX-1LF	3/4"	70°F - 145°F	3.9	1017	6.0	3.0	5.1
AM100C-UPEX-1LF	1/2"	70°F - 120°F	3.9	1017	6.0	3.0	5.1
AM101C-UPEX-1LF	3/4"	70°F - 120°F	3.9	1017	6.0	3.0	5.1
AM100C1070-UPEX1LF	1/2"	70°F - 120°F	1.8	1017, 1070	6.0	3.0	5.1
AM101C1070-UPEX1LF	3/4"	70°F - 120°F	1.8	1017, 1070	6.0	3.0	5.1
Union Press Fittings							
AM100-UP-1LF/U	1/2"	70°F - 145°F	3.9	1017	5.9	3.3	5.6
AM101-UP-1LF/U	3/4"	70°F - 145°F	3.9	1017	6.2	3.6	6.3
AM102-UP-1LF/U	1"	70°F - 145°F	3.9	1017	6.5	3.8	6.7
AM100C-UP-1LF/U	1/2"	70°F - 120°F	3.9	1017	5.9	3.3	5.6
AM101C-UP-1LF/U	3/4"	70°F - 120°F	3.9	1017	6.2	3.6	6.3
AM102C-UP-1LF/U	1"	70°F - 120°F	3.9	1017	6.5	3.8	6.7
AM100C1070-UP-1LF	1/2"	70°F - 120°F	1.8	1017, 1070	5.9	3.3	5.6
AM101C1070-UP-1LF	3/4"	70°F - 120°F	1.8	1017, 1070	6.2	3.6	6.3
AM102C1070-UP-1LF	1"	70°F - 120°F	1.8	1017, 1070	6.5	3.8	6.7
AM100R-UP-1/U	1/2"	70°F - 180°F	3.9	N/A	5.9	3.3	5.6
AM101R-UP-1/U	3/4"	70°F - 180°F	3.9	N/A	6.2	3.6	6.3
AM102R-UP-1/U	1"	70°F - 180°F	3.9	N/A	6.5	3.8	6.7

Home and Building Technologies

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