

AM-1 Series™ THERMOSTATIC MIXING VALVES

SUBMITTAL SHEET

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

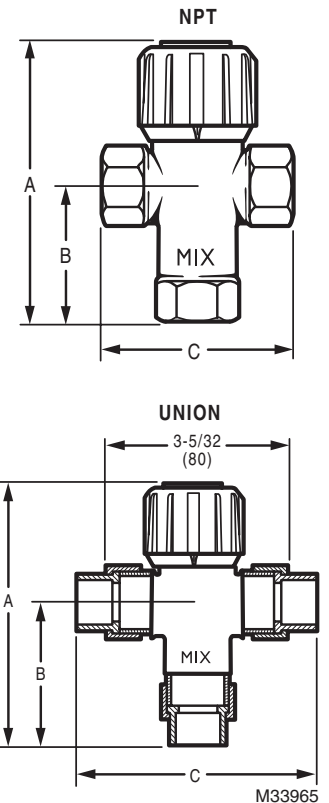
Body: Teflon®-Coated, Nickel-Plated Brass
Shuttle: Teflon®-Coated Brass
O-Rings: EPDM Rubber

**Lead free models available, add LF to the end of the part (Example, AM100-1LF)

Dimensions

Model Number	Pipe Size	Operating Temp	Cv	ASSE Certs.	Dimensions		
					A	B	C
NPT							
AM100-1	1/2"	70°F - 145°F	3.2	1017	5.8	2.7	3
AM101-1	3/4"	70°F - 145°F	3.8	1017	5.8	2.7	3
AM102-1	1"	70°F - 145°F	4.3	1017	5.8	2.7	3
AM100C-1	1/2"	70°F - 120°F	3.2	1017	5.8	2.7	3
AM101C-1	3/4"	70°F - 120°F	3.8	1017	5.8	2.7	3
AM102C-1	1"	70°F - 120°F	4.3	1017	5.8	2.7	3
Union Sweat							
AM100-US-1	1/2"	70°F - 145°F	3.9	1017	5.7	2.7	4.4
AM101-US-1	3/4"	70°F - 145°F	3.9	1017	5.7	2.9	4.9
AM102-US-1	1"	70°F - 145°F	3.9	1017	5.7	3.5	6.1
AM100C-US-1	1/2"	70°F - 120°F	3.9	1017	5.7	2.7	4.4
AM101C-US-1	3/4"	70°F - 120°F	3.9	1017	5.7	2.9	4.9
AM102C-US-1	1"	70°F - 120°F	3.9	1017	5.7	3.5	6.1
AM100R-US-1	1/2"	70°F - 180°F	3.9	N/A	5.7	2.7	4.4
AM101R-US-1	3/4"	70°F - 180°F	3.9	N/A	5.7	2.9	4.9
AM102R-US-1	1"	70°F - 180°F	3.9	N/A	5.7	3.5	6.1
AM100C1070-US-1	1/2"	70°F - 120°F	1.8	1017, 1070	5.7	2.7	4.4
AM101C1070-US-1	3/4"	70°F - 120°F	1.8	1017, 1070	5.7	2.9	4.9
Union CPVC							
AM100-UCPVC-1	1/2"	70°F - 145°F	3.9	1017	5.8	2.8	4.7
AM101-UCPVC-1	3/4"	70°F - 145°F	3.9	1017	5.8	2.8	4.7
AM100C-UCPVC-1	1/2"	70°F - 120°F	3.9	1017	5.8	2.8	4.7
AM101C-UCPVC-1	3/4"	70°F - 120°F	3.9	1017	5.8	2.8	4.7
AM100C1070-UCPVC-1	1/2"	70°F - 120°F	1.8	1017, 1070	5.8	2.8	4.7
AM101C1070-UCPVC-1	3/4"	70°F - 120°F	1.8	1017, 1070	5.8	2.8	4.7
Union Threaded							
AM100-UT-1	1/2"	70°F - 145°F	3.9	1017	5.9	2.9	4.9
AM101-UT-1	3/4"	70°F - 145°F	3.9	1017	6.6	3.8	6.5
AM102-UT-1	1"	70°F - 145°F	3.9	1017	6.8	3.9	7
AM100C-UT-1	1/2"	70°F - 120°F	3.9	1017	5.9	2.9	4.9
AM101C-UT-1	3/4"	70°F - 120°F	3.9	1017	6.6	3.8	6.5
AM102C-UT-1	1"	70°F - 120°F	3.9	1017	6.8	3.9	7
AM100R-UT-1	1/2"	70°F - 180°	3.9	N/A	5.9	2.9	4.9
AM101R-UT-1	3/4"	70°F - 180°	3.9	N/A	6.6	3.8	6.5
AM102R-UT-1	1"	70°F - 180°	3.9	N/A	6.8	3.9	7
AM100C1070-UT-1	1/2"	70°F - 120°F	1.8	1017, 1070	5.9	2.9	4.9
AM101C1070-UT-1	3/4"	70°F - 120°F	1.8	1017, 1070	6.6	3.8	6.5
AM102C1070-UT-1	1"	70°F - 120°F	1.8	1017, 1070	6.8	3.9	7
Union PEX							
AM100-UPEX-1	1/2"	70°F - 145°F	3.9	1017	6.0	3.0	5.1
AM101-UPEX-1	3/4"	70°F - 145°F	3.9	1017	6.0	3.0	5.1
AM100C-UPEX-1	1/2"	70°F - 120°F	3.9	1017	6.0	3.0	5.1
AM101C-UPEX-1	3/4"	70°F - 120°F	3.9	1017	6.0	3.0	5.1
AM100R-UPEX-1	1/2"	70°F - 180°F	3.9	N/A	6.0	3.0	5.1
AM101R-UPEX-1	3/4"	70°F - 180°F	3.9	N/A	6.0	3.0	5.1
AM100C1070-UPEX-1	1/2"	70°F - 120°F	1.8	1017, 1070	6.0	3.0	5.1
AM101C1070-UPEX-1	3/4"	70°F - 120°F	1.8	1017, 1070	6.0	3.0	5.1





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

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

Automation and Control Solutions

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