



Braukmann 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	
	Qty.	Notes	
Approval			
Service			
Tag No.			

APPLICATION

The Resideo AM-1 series accurately adjusts, maintains, and limits the hot water temperature to a desired setting selected by the user. By installing a Resideo 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, NSF, 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*

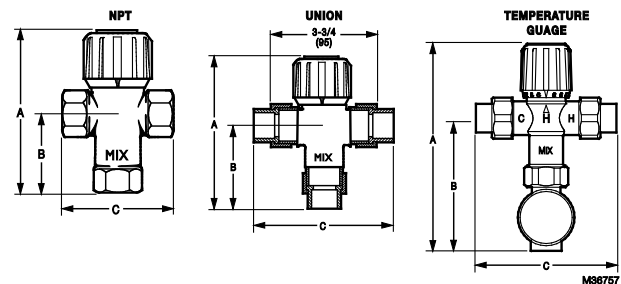
O-Rings: EPDM Rubber

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.

*"R" or Radiant models are for hydronic systems and are not lead-free.

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	5.4	2.7	3.0
AM101-1LF	3/4"	70°F - 145°F	3.8	1017	5.4	2.7	3.0
AM102-1LF	1"	70°F - 145°F	4.3	1017	5.4	2.7	3.3
AM100C-1LF	1/2"	70°F - 120°F	3.2	1017	5.4	2.7	3.0
AM101C-1LF	3/4"	70°F - 120°F	3.8	1017	5.4	2.7	3.0
AM102C-1LF	1"	70°F - 120°F	4.3	1017	5.4	2.7	3.3
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
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	1"	70°F - 120°F	1.8	1017, 1070	6.3	3.7	6.5
AM100R-US-1	1/2"	70°F - 180°F	3.9	N/A	5.4	2.8	4.6
AM101R-US-1	3/4"	70°F - 180°F	3.9	N/A	5.6	2.9	4.9
AM102R-US-1	1"	70°F - 180°F	3.9	N/A	6.3	3.7	6.5
Body Only							
AM1-1070BODY-1LF	N/A*	70°F - 120°F	1.8	1017, 1070	4.7	2.1	3.2
AM1-BODY-1LF	N/A*	70°F - 145°F	3.9	1017	4.7	2.1	3.2
AM1-RBODY-1	N/A*	70°F - 180°F	3.9	N/A	4.7	2.1	3.2

*Body Only AM1 Mixing Valves can be used with any size or connection fitting, which are ordered separately.



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
AM100C1070UCPVC1LF	1/2"	70°F - 120°F	1.8	1017, 1070	5.8	2.8	4.7
AM101C1070UCPVC1LF	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
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
AM100R-UT-1	1/2"	70°F - 180°F	3.9	N/A	5.9	2.9	4.9
AM101R-UT-1	3/4"	70°F - 180°F	3.9	N/A	6.6	3.8	6.5
AM102R-UT-1	1"	70°F - 180°F	3.9	N/A	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
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
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
AM101R-UPEX-1	3/4"	70°F - 180°F	3.9	N/A	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
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
Push Connect							
AM100-SB-1LF/U	1/2"	70°F - 145°F	3.9	1017	6.9	4.2	7.5
AM100C1070-SB-1LF	1/2"	70°F - 120°F	1.8	1017, 1070	6.9	4.2	7.5
AM101-SB-1LF/U	3/4"	70°F - 145°F	3.9	1017	8.1	5.5	10.0
AM101C1070-SB-1LF	3/4"	70°F - 120°F	1.8	1017, 1070	8.1	5.5	10.0
AM102-SB-1LF/U	1"	70°F - 145°F	3.9	1017	8.2	5.5	10.1
AM102C1070-SB-1LF	1"	70°F - 120°F	1.8	1017, 1070	8.2	5.5	10.1

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