

# resideo

## 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\*

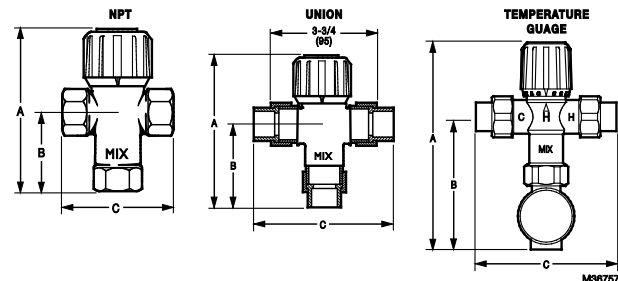
**O-Rings:** EPDM Rubber

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
<b>NPT</b>							
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
<b>Union Sweat</b>							
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
<b>Body Only</b>							
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.



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Model Number	Pipe Size	Operating Temp.	CV	ASSE Certs.	Dimensions		
	Inch				A	B	C
<b>Union CPVC</b>							
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
<b>Union Threaded</b>							
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
<b>Temperature Gauge</b>							
AM100-USTG-1LF/U	1/2"	70°F - 145°F	3.9	1017	8.2	5.3	4.6
AM101-USTG-1LF/U	3/4"	70°F - 145°F	3.9	1017	8.4	5.5	4.9
AM102-USTG-1LF/U	1"	70°F - 145°F	3.9	1017	9.1	6.3	6.5
AM100-UPTG-1LF/U	1/2"	70°F - 145°F	3.9	1017	8.7	5.9	5.6
AM101-UPTG-1LF/U	3/4"	70°F - 145°F	3.9	1017	9.0	6.2	6.3
AM102-UPTG-1LF/U	1"	70°F - 145°F	3.9	1017	9.3	6.5	6.8

Model Number	Pipe Size	Operating Temp.	CV	ASSE Certs.	Dimensions		
	Inch				A	B	C
<b>Union PEX</b>							
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
<b>Union Press Fittings</b>							
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
<b>Push Connect</b>							
AM100C1070-SB-1LF	1/2"	70°F - 120°F	1.8	1017, 1070	6.3	3.7	6.4
AM101C1070-SB-1LF	3/4"	70°F - 120°F	1.8	1017, 1070	6.4	3.8	6.7
AM102C1070-SB-1LF	1"	70°F - 120°F	1.8	1017, 1070	6.7	4.1	7.2

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