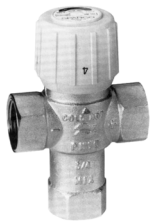


Valves, Mixing—SparcoMix™ AM Series

SparcoMix™, AM Series™—Anti-Scald, Anti-Chill Proportional Thermostatic Mixing and Diverting Valve



NPT Valve



Union Valve



CPVC Valve

The Sparco Sparcomix AM series accurately adjusts, maintains and limits the hot water temperature to a desired setting selected by the user. In domestic water applications it offers anti-scald, anti-chill protection and saves money. The installation of a Sparco AM mixing valve on an 80 gallon hot water heater increases the usable hot water to 120 gallons by running the water heater at a higher temperature and mixing it to a safe usable temperature. In heating applications it provides comfort and protects the equipment.

- Dual purpose mixing or diverting valves.
- Constant water temperature under changing operating conditions.
- Reliable performance at minimum flow of 0.5 gpm.
- Proportional valve (simultaneous control of hot and cold water).
- Energy savings through lower supply temperatures.
- Anti-scald, anti-chill thermal shock protection.
- Temperature lock at any point or high/low range.
- Nickel-plated brass/bronze construction, EPDM O-rings.
- All bronze proportioning shuttle.
- Straight through design (hot and cold at the same level).
- Max. press. 150 psi (1034 kPa), temp. 212 F (100 C).
- Designed for easy maintenance and element replacement.
- Teflon® coated to prevent mineral build-up and extend life.
- Tamper evident design.
- Valve trapping not required.

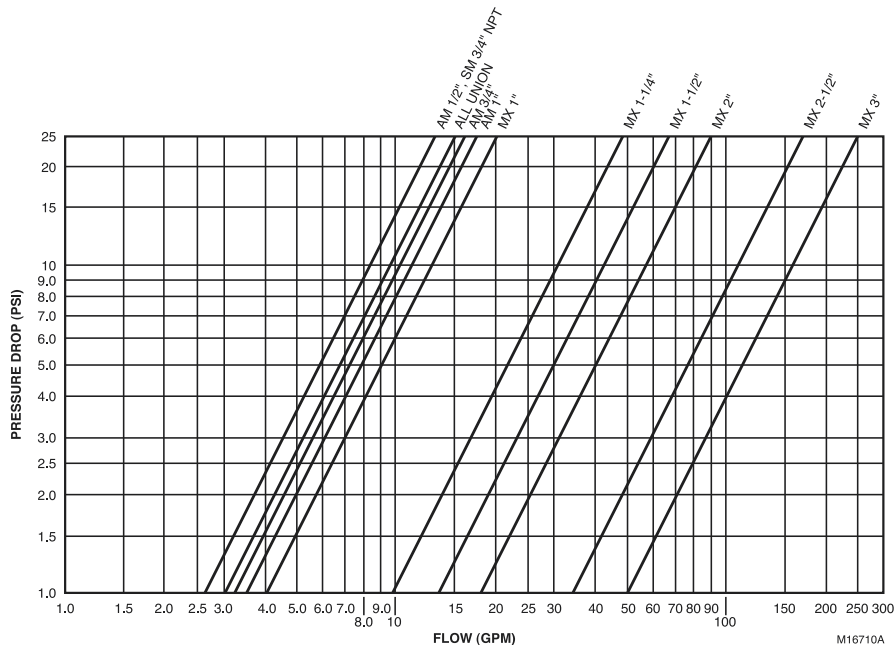
Description: AM-1 Series Mixing Valve

ASSE: 1016; 1017 (100 F - 145 F, 80 F - 120 F only)

Applications: Automatic faucets; Combo systems; Domestic water; Greenhouses; Heat pump systems; Industrial applications; Nursing homes; Photo processing; Public facilities; Radiant floor heating; Solar hot water; Space heating.

Teflon® is a registered trademark of DuPont.

Pressure Drop Chart



Honeywell Sparco/Braukmann products are sold via independent Manufacturer Representatives.

Valves, Mixing—SparcoMatic™ AM Series

ORDER NUMBER	Valve Size	Connection Type	Operating Temperature
AM100-1	1/2 in. DOMESTIC HOT WATER	NPT	100 F - 145 F
AM100-US-1		Union Sweat	
AM100-UT-1		Union NPT	
AM100B-1	1/2 in. & HEATING SERVICE	NPT	60 F - 100 F
AM100B-US-1		Union Sweat	
AM100B-UT-1		Union NPT	
AM100C-1	1/2 in. & HEATING SERVICE	NPT	80 F - 120 F
AM100C-US-1		Union Sweat	
AM100C-UT-1		Union NPT	
AM100R-US-1	1/2 in. & HEATING SERVICE	Union Sweat	80 F - 120 F
AM100R-UT-1		Union NPT	80 F - 180 F
AM101-1	3/4 in. HEATING SERVICE	NPT	100 F - 145 F
AM101-US-1		Union Sweat	
AM101-UT-1		Union NPT	
AM101B-1	3/4 in. HEATING SERVICE	NPT	60 F - 100 F
AM101B-US-1		Union Sweat	
AM101B-UT-1		Union NPT	
AM101C-1	3/4 in. HEATING SERVICE	NPT	80 F - 120 F
AM101C-US-1		Union Sweat	
AM101C-UT-1		Union NPT	
AM101R-US-1	3/4 in. HEATING SERVICE	Union Sweat	80 F - 180 F
AM101R-UT-1		Union NPT	
AM102-1	1 in. HEATING SERVICE	NPT	100 F - 145 F
AM102-US-1		Union Sweat	
AM102-UT-1		Union NPT	
AM102B-1	1 in. HEATING SERVICE	NPT	60 F - 100 F
AM102B-US-1		Union Sweat	
AM102B-UT-1		Union NPT	
AM102C-1	1 in. HEATING SERVICE	NPT	80 F - 120 F
AM102C-US-1		Union Sweat	
AM102C-UT-1		Union NPT	
AM102R-US-1	1 in. HEATING SERVICE	Union Sweat	80 F - 180 F
AM102R-UT-1		Union NPT	

NEW AM-1 Series Mixing valves with CPVC connection 1/2 in. and 3/4 in. Contact factory.

Replacement Parts AM-Series

ORDER NUMBER	Description	Includes	Operating Temperature
AM100-001RP	C element, spring, plug assembly (Does not fit AM-1 Series)	Element, spring, and plug assembly	90 F - 120 F
AM100-002RP	Std. element, spring, plug assembly (Does not fit AM-1 Series)		110 F - 145 F
AM100-003RP	H element, spring, plug assembly (Does not fit AM-1 Series)		130 F - 170 F
AM100-009RP	B element, spring, plug assembly (Does not fit AM-1 Series)		60 F - 100 F
AM100-010RP	R element, spring, plug assembly (Does not fit AM-1 Series)		80 F - 180 F

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Valves, Mixing—Replacement Parts

Replacement Parts AM-1 Series

ORDER NUMBER	Description	Includes	Operating Temperature
AM-1-020 RP	AM Series-1 B or C Range element, spring, diffuser and plug assembly	Element, spring, diffuser and plug assembly	60 F - 100 F B range 80 F - 120 F C range
AM-1-025 RP	AM Series - 1 Standard or R Range element, spring diffuser and plug assembly		100 F - 145 F Standard range 80 F - 180 F R range
AMU200-RP	Gasket Kit for Aquamix/Sparcomix with unions 3 pcs. included.	3 pieces included	
CPVCA-075	3/4 in. NPT x CPVC adapter for NPT valves		
AMCOM-050	3/8 in. Compression Adapter for Union Valves		

Replacement Parts SM-Series

ORDER NUMBER	Description	Includes	Operating Temperature
SM100-004RP	SM series element, spring, shuttle assembly	Element, spring, and plug assembly	80 F - 120 F

Check-Adapter™—Check Valves

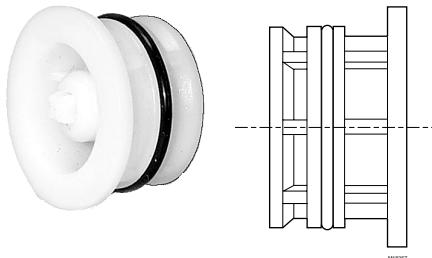


CHECK-ADAPTER™ For NPT SparcoMixes without unions or other spring check applications requiring low cracking pressure. Spring check built into sweat adapter.

Materials: Brass/Stainless, soft seat.

ORDER NUMBER	Capacity	Description
CA-050	2.4 Cv	Check Adapter 1/2 in. sweat x 1/2 in. NPT Male Soft seat
CA-075	3.6 Cv	Check Adapter 3/4 in. sweat x 3/4 in. NPT Male Soft seat

Union-Check™—Check Valves



UNION-CHECK™ Check Valves for union mixing valves.

Material: Plastic/stainless spring, soft seat.

Capacity: 8 Cv

Description: Fits 1/2 in., 3/4 in., and 1 in. SparcoMix Valves with unions.

ORDER NUMBER	Description
AMCU100	Check valve for AM-1 Series union valves.

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