



Thermostatic Mixing Valves

AMX300 Thermostatic Mixing Valve Kit



Key Features and Benefits

- Kit includes mixing valve, cold water tee, flexible 8" or 11" metal connectors, and thermostrip
- Easy installation on water heaters – saves time and money
- Commonly used for scalding protection
- ASSE 1017 approved for point of source/whole house protection
- Teflon® coating extends service life
- Integrated recirculation and hot water ports (for optional use)

Installation that's literally almost no sweat

Typical Applications

Residential, water heater application: point-of-source, domestic water and nursing homes.



**Free
Thermostrip®
Included**

Makes temperature setting easy for one person to handle.



The AMX300 Kit includes everything you need for a 15 minute installation

All AMX300 Mixing Valves have a temp. range of 100° – 145° F and are ASSE 1017 certified.

Model	AMX300T	AMX302T	AMX300
Description	Kit includes mixing valve, cold water tee, 8" flex connector	Kit includes mixing valve, cold water tee, 11" flex connector	Mixing valve (for replacement only)
Connection to tank	3/4" FNPT	3/4" FNPT	3/4" FNPT
Connection to system	3/4" MNPT	3/4" MNPT	3/4" MNPT
Min Flow GPM	0.25	0.25	0.25
Max Flow GPM	19	19	19

AMX Series DirectConnect™ Thermostatic Mixing Valve



Shrink installation time and grow your bottom line.

Key Features And Benefits

- Engineered for fast installation — orientation of the mix and cold ports reduces fittings required on typical water heater installations
- Dramatically reduces installation time and cuts number of parts in half
- Available in multiple connection types: NPT, CPVC, Compression and PEX and Sweat fittings
- Adjustable temperature range 90° – 130° F
- Easy recirculation — integrated port allows for optional recirculation connection
- DirectConnect™ to water heater — NPT bottom connection attaches easily
- Teflon® coating increases product life and reduces callbacks
- Patent pending

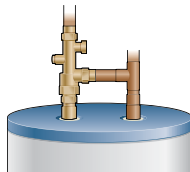
Typical Applications

Residential, water heater application: point-of-source, domestic water and nursing homes.



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The AMX mixing valve cuts installation time and number of parts in half.

All AMX Mixing Valves have a temp. range of 90° – 130° F and are ASSE1017 certified.

Connection	1/2"	3/4"	1"
Union CPVC	AMX100-UCPVC-1	AMX101-UCPVC-1	AMX102-UCPVC-1
Union Sweat	AMX100-US-1	AMX101-US-1	AMX102-US-1
Union Threaded	AMX100-UT-1	AMX101-UT-1	AMX102-UT-1
Max Flow* GPM	8.0	14.0	20.0
CV	4.0	4.0	4.0

* Maximum recommended flow rate.

AMX100 and AMX101 Series includes 3/4" FNPT bottom connection, AMX102 includes 1" FNPT.

AM-1-Series Thermostatic Mixing Valve



Designed to provide scalding protection and up to 50 percent more usable hot water.

Key Features and Benefits

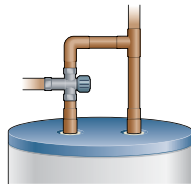
- Designed to prevent scalding — meets multiple industry safety certifications: ASSE 1017, CSA and IAPMO
- Allows homeowners to store water at 140° F and higher to prevent *legionella* growth, but receive safe, comfortable 120° F water at sinks, shower or tub
- Designed to increase the amount of usable hot water by up to 50 percent
- Honeywell reliability — one of the most trusted names in home comfort
- Teflon® coating increases product life and reduces callbacks
- Lockable hand wheel for accurate temperature control

Typical Applications

Domestic water, nursing homes, public facilities, automatic faucets, radiant floor heating, space heating, heat pump systems, combo systems, solar hot water, greenhouses, industrial applications, photo processing.



Free Thermostrip® Included
Makes temperature setting easy for one person to handle.



Standard mixing valve installation.

Model	S (standard) Model	C Model	R Model (Heating ONLY)	Connection Type	Conn. Size	Max Flow* GPM	CV
Temp Range	70 – 145° F (21 – 62° C)	70 – 120° F (21 – 49° C)	70 – 180° F (21 – 82° C)				
Certification	ASSE1016 & 1017	ASSE1016 & 1017	None				
	AM100-1	AM100C-1	NA	NPT	1/2"	8	3.2
	AM101-1	AM101C-1	NA	NPT	3/4"	12	3.8
	AM102-1	AM102C-1	NA	NPT	1"	16	4.3
	AM100-US-1	AM100C-US-1	AM100R-US-1	US	1/2"	8	3.9
	AM101-US-1	AM101C-US-1	AM101R-US-1	US	3/4"	12	3.9
	AM102-US-1	AM102C-US-1	AM102R-US-1	US	1"	16	3.9
	AM100-UT-1	AM100C-UT-1	AM100R-UT-1	UT	1/2"	8	3.9
	AM101-UT-1	AM101C-UT-1	AM101R-UT-1	UT	3/4"	12	3.9
	AM102-UT-1	AM102C-UT-1	AM102R-UT-1	UT	1"	16	3.9

* Maximum recommended flow rate.

Connections - US models: Union Sweat; - UT Models: Union NPT (female); All other valves are NPT (female).
Consult product catalog for AM-1 Series Models with Union Compression, CPVC and PEX connections.

AM-1 1070 SERIES Thermostatic Mixing Valve



Meets new rigid plumbing codes.

Key Features and Benefits

- Designed to meet the new ASSE 1070 plumbing standards requirements for point-of-use applications
- Color-coded black hand-wheel prevents tampering and is required by the new ASSE 1070 plumbing standards
- CV rating of 1.8 equals larger flow through the valve
- Teflon coating resists mineral deposit build-up and extends service life
- ASSE 1070 listed

Typical Applications

Roman tubs, whirlpools, large showers, sinks and public facilities with lavatories and bidets.



**Free
ThermoStrip®
Included**

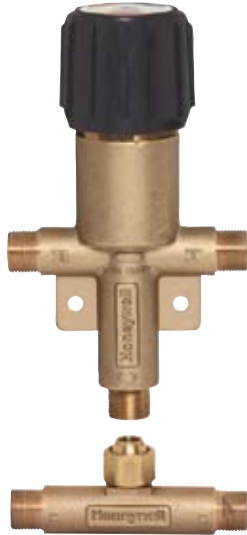
Makes temperature setting easy for one person to handle.

All AM1070 mixing valves have a temp. of 70° – 120° F and are ASSE 1070 listed.

Connection	1/2"	3/4"	1"
Union CPVC	AM100C1070-UCPVC-1	AM101C1070-UCVPC-1	NA
Union Sweat	AM100C1070-US-1	AM101C1070-US-1	AM102C1070-US-1
Union PEX	AM100C1070-UPEX-1	AM101C1070-UPEX-1	NA
Union NPT	AM100C1070-UT-1	AM101C1070-UT-1	AM102C1070-UT-1
Max Flow*	10.0	10.0	10.0
CV	1.8	1.8	1.8

* Note: AM1070 series available in Union Models only.

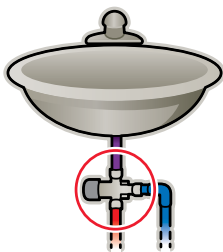
UMV Series UnderSink Thermostatic Mixing Valve



The smart way to add safety at every faucet.

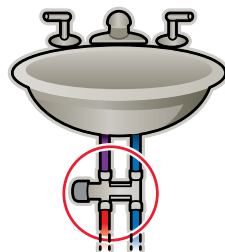
Key Features And Benefits

- Universal 3- or 4-port connection model for ease of installation
- Easily installed between the hot and cold water supplies — just set it and lock it; the retaining screw prevents the setting from being changed accidentally
- Controls the maximum water temperature that flows from the faucet to protect your customers and their families
- Thermostatic element instantaneously responds to changes in the water temperature to control desired setting
- Internal check valves in hot and cold inlets to prevent cross flow
- Hardware and fittings for easy installation and compatibility with most faucets
- Forged bronze body for durability
- Mounting pilot holes for secure undersink mounting
- Meets requirements of ASSE 1016 point-of-use and ASSE 1070 point-of-source applications



UMV-304 3-Port Option

Typically used in public facilities and office buildings where a consistent temperature is required.



UMV-304 4-Port Option

Typically used in homes, apartments, hotels and locations where the user is free to adjust the water temperature.

Typical Applications

Honeywell UnderSink Thermostatic Mixing Valves are easily installed and deliver protection against high water temperature in public facilities, office buildings, homes and apartments.

The Honeywell UMV has a temp. range of 80° – 120° F and is ASSE1016 and 1070 certified.

Three Way or Four Way	Model Number	Connection Type	Connection Size	Max Flow* GPM	CV
		UMV-304U	Compression	3/8"	3

* Maximum recommended flow rate.

MX Series High Capacity Mixing Valve



MX Series™ High Capacity Mixing Valve is specifically designed for larger applications — giving you larger results.

Key Features And Benefits

- Large flow proportional mixing or diverting valve
- Valve controls hot and cold supply based on control setting
- Teflon® coating increases product life and reduces callbacks
- Tamper-evident temperature adjustment
- Union NPT and flanged models
- Recirculation port for fast responses
- ASSE 1017 listed (Union Models only)

Typical Applications

Any application requiring accurate control of hot water temperature based on the mixing of hot and cold water, such as: domestic water for homes, apartments, hotels, schools, nursing homes, offices, public facilities, space heating and radiant floor heating.

Model	Connector	Min. Max. Flow	CV	Temp Range
MX127	1" NPT	1.0 – 22	4	110 – 150°F (43 – 65°C)
MX128	1-1/4" NPT	2.5 – 50	9.3	110 – 150°F (43 – 65°C)
MX129	1-1/2" NPT	3.5 – 75	13.5	110 – 150°F (43 – 65°C)
MX130	2" NPT	5.0 – 100	18	110 – 150°F (43 – 65°C)
MX131	2-1/2" Flange	5.0 – 186	34	110 – 150°F (43 – 65°C)
MX132	3" Flange	12.0 – 274	50	110 – 150°F (43 – 65°C)
MX127C	1" NPT	1.0 – 22	4	90 – 120°F (32 – 49°C)
MX128C	1-1/4" NPT	2.5 – 50	9.3	90 – 120°F (32 – 49°C)
MX129C	1-1/2" NPT	3.5 – 75	13.5	90 – 120°F (32 – 49°C)
MX130C	2" NPT	5.0 – 100	18	90 – 120°F (32 – 49°C)

Maximum working pressure: 150 psi, 1,034 kPa. Maximum temperature 200°F (93°C). For safety, use "C" model for domestic water application with maximum output setting of 120°F (49°C). Minimum temperature difference between hot and mix 10°F (6°C). Maximum flow indicated at 30 psi pressure drop.

Learn More

For complete details on increasing profits with Honeywell Hydronic Heating Solutions, contact your Honeywell distributor or visit customer.honeywell.com.

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