

MX Series Large Flow Proportional Mixing or Diverting Valve. Protects People and Equipment, Saves Energy

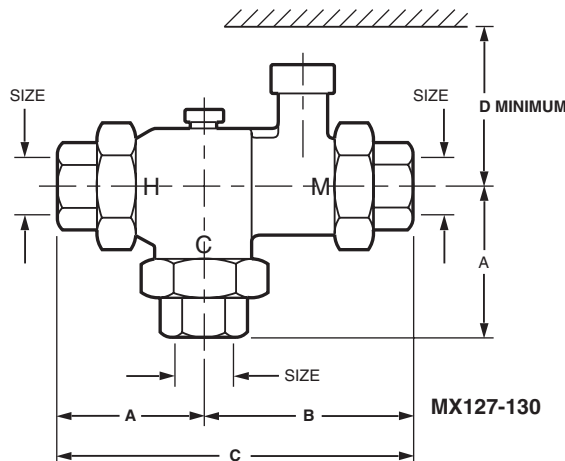


Threaded

Flanged

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, apartment, hotels, schools, nursing homes, offices, public facilities, space heating, radiant floor heating,
Weight (lb): 3.6 lb

Dimensions in inches (millimeters)

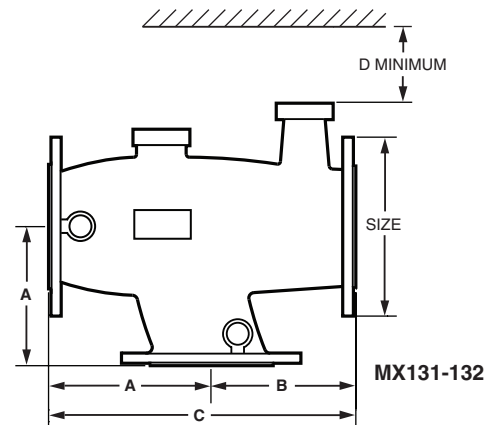


Product Number	Size NPT	Recir Port Size	Dimensions in inches (millimeters)			
			A	B	C	D
MX127	1"	1/2 (13)	2-51/64 (71)	3-45/64 (94)	6-1/2 (165)	6 (152)
MX128	1-1/4"	1/2 (13)	3-19/64 (84)	4-13/32 (112)	7-45/64 (196)	6-29/32 (175)
MX129	1-1/2"	1/2 (13)	3-19/32 (91)	5 (127)	8-19/32 (218)	7 (178)
MX130	2"	1/2 (13)	4-13/64 (107)	5-51/64 (147)	10 (254)	7-19/64 (211)
MX127LF	1"	1/2 (13)	2-51/64 (71)	3-45/64 (94)	6-1/2 (165)	6 (152)
MX128LF	1-1/4"	1/2 (13)	3-19/64 (84)	4-13/32 (112)	7-45/64 (196)	6-29/32 (175)
MX129LF	1-1/2"	1/2 (13)	3-19/32 (91)	5 (127)	8-19/32 (218)	7 (178)
MX130LF	2"	1/2 (13)	4-13/64 (107)	5-51/64 (147)	10 (254)	7-19/64 (211)

M23243E

The MX Series is a state-of-the-art mixing valve that manages the hot and cold supply based on control settings. Accurate control of temperature provides energy savings, increased comfort and safety. The Teflon wear surfaces prevent calcium buildup.

- Dual purpose mixing or diverting valve.
- Constant water temperature under different operating conditions.
- Proportional valve (control of hot and cold water).
- Flow reduction in seconds if cold water supply is interrupted.
- Maintains temperature with extremely low minimum flows.
- Temperature adjustable, tamper evident.
- Install in any position, heat trapping not required.
- Recirculation connection for fast response.
- Bronze/stainless construction.
- Wear surfaces Teflon coated to prevent deposit build-up.
- Union/tailpiece connections included.
- Tapped flange connections 2-1/2 in. and 3 in.
- Allen wrench for temperature adjustment included.
- ASSE 1017 and CSA listed (Union Models)

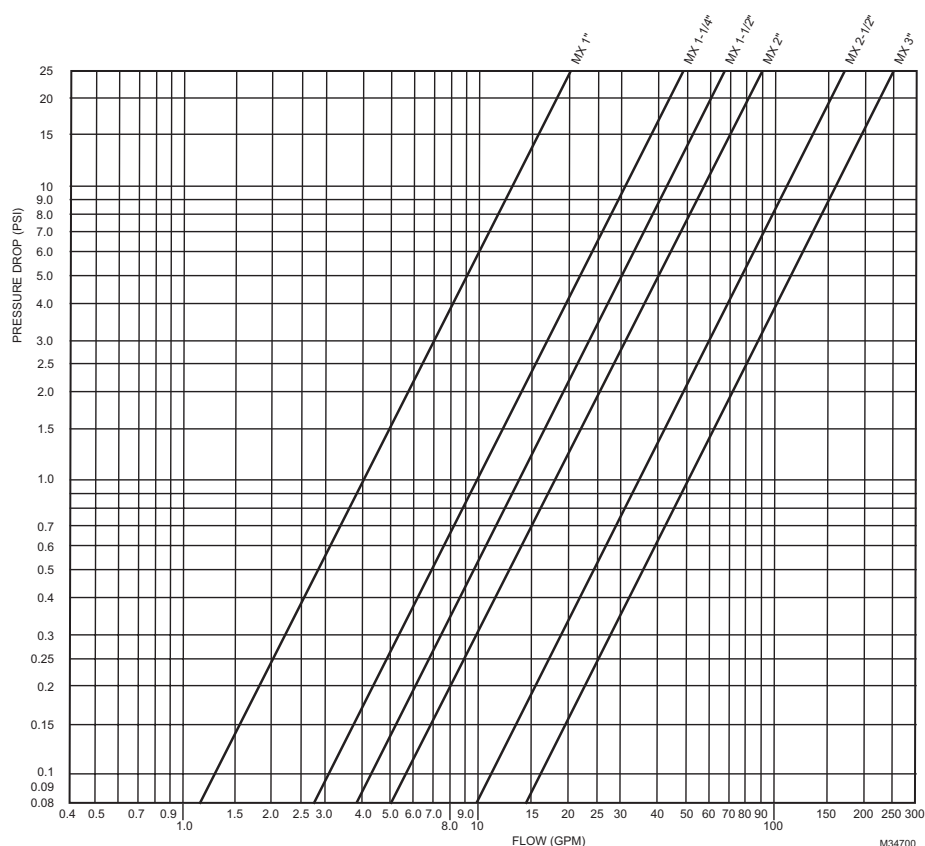


Product Number	Size NPT	Recir Port Size	Dimensions Inches (mm)			
			A	B	C	D
MX131	2-1/2" Flange	1 (25)	5-45/64 (145)	5-45/64 (145)	11-13/32 (290)	4 (102)
MX132	3" Flange	1-1/4 (32)	6-7/64 (155)	6-7/64 (155)	12-13/64 (310)	4 (102)
MX131LF	2-1/2" Flange	1 (25)	5-45/64 (145)	5-45/64 (145)	11-13/32 (290)	4 (102)
MX132LF	3" Flange	1-1/4 (32)	6-7/64 (155)	6-7/64 (155)	12-13/64 (310)	4 (102)

M27479A

Mixing Valves

Pressure Drop Chart



Material Number	Pipe Size in/(DN)	Connection Type	Capacity (Cv)	Operating Temperature °F (°C)	Description	Approvals, ASSE	Comments
MX127/U	1 in. (DN25)	NPT	4 Cv	113°F to 149°F (45°C to 65°C)	1 inch NPT MX Mixing Valves	1017	Heating Only
MX127LF/U	1 in. (DN25)	NPT	4 Cv	113°F to 149°F (45°C to 65°C)	1 inch NPT MX Mixing Valves Lead Free	1017	Low Lead Content <.25% by weighted average
MX128/U	1 1/4 in. (DN32)	NPT	9.3 Cv	113°F to 149°F (45°C to 65°C)	1 1/4 inch MX NPT Mixing Valves	1017	Heating Only
MX128LF/U	1 1/4 in. (DN32)	NPT	9.3 Cv	113°F to 149°F (45°C to 65°C)	1 1/4 inch NPT MX Mixing Valves Lead Free	1017	Low Lead Content <.25% by weighted average
MX129/U	1 1/2 in. (DN40)	NPT	13.5 Cv	113°F to 149°F (45°C to 65°C)	1 1/2 inch NPT MX Mixing Valves	1017	Heating Only
MX129LF/U	1 1/2 in. (DN40)	NPT	13.5 Cv	113°F to 149°F (45°C to 65°C)	1 1/2 inch NPT MX Mixing Valves Lead Free	1017	Low Lead Content <.25% by weighted average
MX130/U	2 in. (DN50)	NPT	18 Cv	113°F to 149°F (45°C to 65°C)	2 inch NPT MX Mixing Valves	1017	Heating Only
MX130LF/U	2 in. (DN50)	NPT	18 Cv	113°F to 149°F (45°C to 65°C)	2 inch NPT MX Mixing Valves Lead Free	1017	Low Lead Content <.25% by weighted average
MX131/U	2 1/2 in. (DN65)	Flanged	34 Cv	113°F to 149°F (45°C to 65°C)	2 1/2 inch Flanged MX Mixing Valves	1017	Heating Only
MX131LF/U	2 1/2 in. (DN65)	Flanged	34 Cv	113°F to 149°F (45°C to 65°C)	2 1/2 inch Flanged MX Mixing Valves Lead Free	1017	Low Lead Content <.25% by weighted average
MX132/U	3 in. (DN80)	Flanged	50 Cv	113°F to 149°F (45°C to 65°C)	3 inch Flanged MX Mixing Valves	1017	Heating Only
MX132LF/U	3 in. (DN80)	Flanged	50 Cv	113°F to 149°F (45°C to 65°C)	3 inch Flanged MX Mixing Valves Lead Free	1017	Low Lead Content <.25% by weighted average

MX Series Valves Replacement Parts

Material Number	Pipe Size in/(DN)	Description
MX050-RP/U	1/2 in. (DN15)	1/2 in. Recirculation adapter kit MX127 mixing valves. Includes 1/2 in. MNPT union nut and gasket
MX100-RP/U	1 in. (DN25)	Replacement gasket kit for MX127 mixing valves. Includes 3, 1-in. gaskets
MX125-RP/U	1 1/4 in. (DN32)	Replacement gasket kit for MX128 mixing valves. Includes 3, 1-1/4-in. gaskets
MX150-RP/U	1 1/2 in. (DN40)	Replacement gasket kit for MX129 mixing valves. Includes 3, 1-1/2-in. gaskets
MX200-RP/U	2 in. (DN50)	Replacement gasket kit for MX130 mixing valves. Includes 3, 2-in. gaskets
MX250-RP/U	2 1/2 in. (DN65)	Replacement gasket kit for MX131 mixing valves. Includes 3, 2-1/2-in. gaskets
MX300-RP/U	3 in. (DN80)	Replacement gasket kit for MX132 mixing valves. Includes 3, 3-in. gaskets