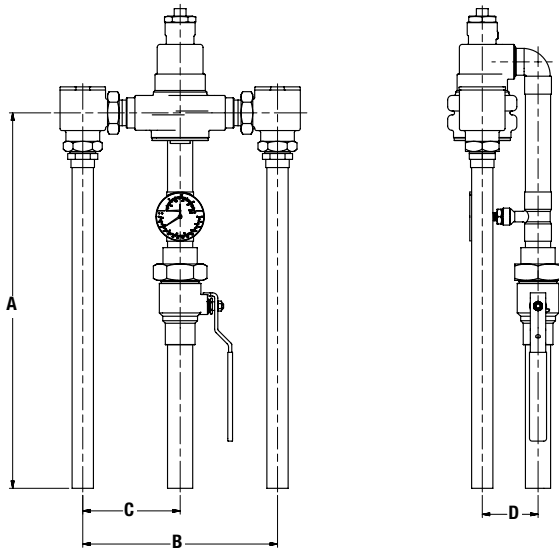


Dimensions



Valve	A	B	C	D
MM431	16-3/4" (425)	9-1/8" (232)	4-1/2" (114)	2-5/8" (67)
MM432	16-3/4" (425)	9-1/8" (232)	4-1/2" (114)	2-3/4" (70)
MM433	24-1/4" (616)	12-5/8" (321)	6-1/4" (159)	3-3/8" (86)
MM434	24-1/4" (616)	12-5/8" (321)	6-1/4" (159)	3-5/8" (92)
MM435	27" (686)	15-5/8" (397)	7-7/8" (200)	4-1/4" (108)

Note:
Dimensions are shown ±1/2"
Dimensions in parentheses are
in mm

Valve	Inlets NPT	Outlet NPT
MM431	3/4" (20)	3/4" (20)
MM432	3/4" (20)	1" (25)
MM433	1-1/4" (32)	1-1/4" (32)
MM434	1-1/4" (32)	1-1/2" (40)
MM435	2" (50)	2" (50)

Ordering Information

Valve	Order Code	Alarm System	Order Code
42 gpm (159 lpm)	MM431	None	0
64 gpm (242 lpm)	MM432	AquaSentry® 2 Alarm System	4
110 gpm (416 lpm)	MM433		
144 gpm (545 lpm)	MM434		
208 gpm (787 lpm)	MM435		
Finish		Option	
Rough Bronze	A	None	0
Chrome Plated	C	Cold Water Bypass	2
Piping Inlets/Outlet		T/P Gauge on Inlets	4
Bottom/Bottom	F	C/W Bypass & T/P Gauge on Inlets	6
Cabinet Style		Motor Range	
None	M	90°F – 160°F (32°C – 71°C)	S
		60°F – 90°F (16°C – 32°C)	W

Recirculation Piping Diagram

Please see Piping Diagram Section of this catalog.

Typical Specification – Supply Fixtures (MM)

Supply Fixture shall be factory assembled and tested and feature a HydroGuard® XP MM430 series master-tempering valve with advanced, paraffin-based actuation technology. Supply fixture shall also include copper piping, ball valve(s) and temperature/pressure gauge for diagnostics. The tempering valve shall have union check-stops, an outlet temperature range of 90 – 160°F (32 – 71°C) (with lockable means), a single seat design for positive shutoff and an approach temperature 5°F (3°C). Valve shall be ASSE 1017 listed and CSA certified. Minimum flows to ASSE 1017 shall be MM431 (3.0 gpm, 11 lpm), MM432 (4.0 gpm, 15 lpm), MM433 (5.0 gpm, 19 lpm), MM434 (7.0 gpm, 26 lpm), MM435 (10.0 gpm, 38 lpm). Valve shall be a Powers Model _____. All alternatives must have written approval prior to bidding.

POWERS™

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 Canada: Tel: (905) 332-4090 • Fax: (905) 332-7068 • PowersControls.ca
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