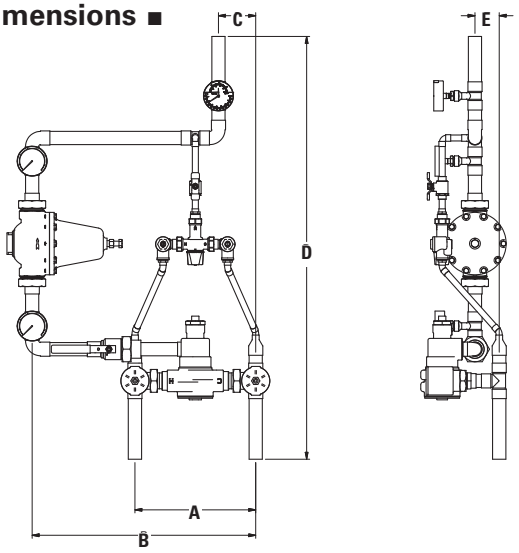
Dimensions ■



Valve	A	B	C	D	E	Inlets	Outlet
LFMM431HL	9-1/8" (232)	16-3/4" (425)	2-3/4" (70)	37" (940)	2" (51)	3/4" (20)	3/4" (20)
LFMM432HL	9-1/8" (232)	17-1/2" (445)	2-1/2" (64)	37" (940)	2-1/4" (57)	3/4" (20)	1" (25)
LFMM433HL	12-1/2" (318)	23-1/4" (591)	3-7/8" (99)	44" (1118)	2-1/2" (64)	1-1/4" (32)	1-1/4" (32)
LFMM434HL	12-1/2" (318)	26-3/4" (679)	3-1/2" (89)	44-3/4" (1137)	2-3/8" (60)	1-1/4" (32)	1-1/2" (40)
LFMM435HL	12-1/2" (318)	26-3/4" (679)	3-1/2" (89)	47" (1194)	2-3/8" (60)	1-1/4" (32)	1-1/2" (40)

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

Ordering Information ■

Valve	Inlets	Outlet	Order Code
LFLM490/LFMM431	3/4" (20mm)	3/4" (20mm)	LFMM431HL
LFLM490/LFMM432	3/4" (20mm)	1" (25mm)	LFMM432HL
LFLM490/LFMM433	1-1/4" (32mm)	1-1/4" (32mm)	LFMM433HL
LFLM490/LFMM434	1-1/4" (32mm)	1-1/2" (40mm)	LFMM434HL
LFMM431/LFMM434	1-1/4" (32mm)	1-1/2" (40mm)	LFMM435HL

Finish
Rough Bronze — A
Chrome Plated — B

Piping
Bottom/Top — E

Cabinets
Exposed, No Cabinet — M

Alarm
None — 0

Recirculation Piping Diagram ■

Please see Piping Diagram Section of this catalog.

Typical Specification - Supply Fixtures ■

Hi/Lo Water Temperature Control System shall be factory assembled and tested and shall include two thermostatic mixing valves capable of maintaining water temperature to 5°F (3°C) above set point. Hi/Lo shall include HydroGuard® XP LFMM430 and/or LFLM490 Series Master-Tempering Valve with advanced, paraffin-based actuation technology. The valves shall be constructed using Lead Free* brass. Lead Free* brass valves shall comply with state codes and standards, where applicable, requiring reduced lead content. Hi/Lo shall also include copper piping, ball valve(s) and temperature/pressure gauge for diagnostics. The tempering valve shall have union checkstops, an outlet temperature range of 90 – 160°F (32 - 71°C) (with lockable means), and a single seat design for positive shutoff. Valve shall be ASSE 1017 listed and CSA certified. Minimum flows to ASSE 1017 shall be 0.5 gpm (1.9 lpm) for LFMM431HL, LFMM432HL, LFMM433HL, LFMM434HL, and 3.0 gpm (11 lpm) for LFMM435HL. Valve shall be a Powers' Model _____. All alternatives must have written approval prior to bidding.

ENGINEERING APPROVAL

Project: _____
Contractor: _____
Architect/Engineer:

POWERS™

A Watts Water Technologies Company

ISO 9001-2000 CERTIFIED