

For Non-Health Hazard Applications

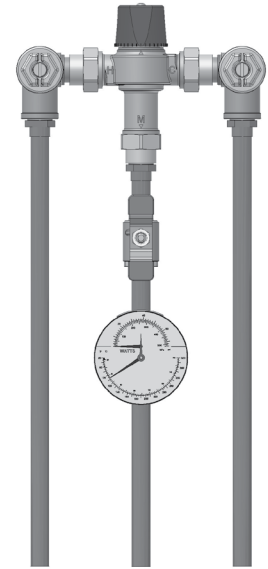
Job Name _____
 Job Location _____
 Engineer _____
 Approval _____

Contractor _____
 Approval _____
 Contractor's P.O. No. _____
 Representative _____

LEAD FREE*

HydroGuard® Master Tempering Valve Supply Fixture

Series LFLM490 Bottom Inlets/Bottom Outlet – Exposed



Advanced Thermal Activation

Features

- Features Lead Free* construction to comply with Lead Free* installation requirements.
- Paraffin-based advanced thermal actuation technology to sense and adjust outlet temperature
- Dirt and lime resistant poppet and seat design
- Virtual shutoff if supply pressure fails
- Factory tested valve and piping
- Triple-duty checkstops with filters, dial-thermometer, ball valve
- Rough bronze and chrome finishes

Specifications

Connections 1/2" (15mm) inlets and outlet
 Maximum Hot Water Supply Temperature 200°F (93°C)
 Minimum Hot Water Supply Temperature 5°F (3°C) above set point
 Minimum Flow** 0.5 gpm (1.9 lpm)
 Maximum Operating Pressure 150 psi (1034 kPa)
 Temperature Adjustment Range 90 – 160°F (32 – 71°C)
 Listing/Compliance (Valve Only) ASSE 1017, CSA B125

* The wetted surface of this product contacted by consumable water contains less than one quarter of one percent (0.25%) of lead by weight.

** When tested in accordance with ASSE 1017

Capacity

Flow Capacity at 50-50 Mixed Ratio							
Pressure Differential							
Valve	Cv	5 psi	10 psi	20 psi	30 psi	45 psi	60 psi
		(35 kPa)	(69 kPa)	(138 kPa)	(207 kPa)	(310 kPa)	(414 kPa)
LFLM490	3.42	7.6 gpm (29 lpm)	11.0 gpm (42 lpm)	15.0 gpm (57 lpm)	19.0 gpm (72 lpm)	23.0 gpm (87 lpm)	27.0 gpm (102 lpm)

Powers product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Powers Technical Service. Powers reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Powers products previously or subsequently sold.

