



# Lead Free\* MODEL MVD-LF Single Fixture Temperature Controller (34DLF Series)

Job Name:	Contractor:
Job Location:	P.O. Number:
Engineer:	Representative:
Tag:	Wholesale Distributor:

## DESCRIPTION

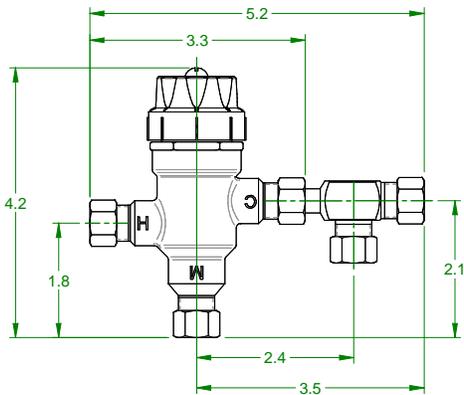
The **Lead Free\*** Apollo® MVD-LF Mini Thermostatic mixing valve is designed for ASSE 1070 "Point of Use" single fixture temperature control applications, using proven ASTM grade Lead Free materials. These valves will hold a desired temperature within  $\pm 3^\circ\text{F}$ .

## FEATURES

- Dezincification resistant **Lead Free\*** Bronze body
- Locking Control Knob
- 120°F Temperature Limit Stop
- Integral Check Valves
- 3/8" Compression Tube / Braided Hose Connection
- Hot / Cold Water Failure Protection
- Single Outlet design for Sensor Faucets
- Bypass Fitting Option for Dual Control Faucets
- Satin Chrome Plating Option
- Made in USA - ARRA Compliant

## MATERIAL

Body: ASTM B584 C89836 **Lead Free\*** Bronze  
 Shuttle: Modified PPO Noryl®  
 O-ring: Chloramine Resistant EPDM  
 Thermostat: Copper/Wax filled  
 Spring: ASTM A313 Stainless Steel  
 Handle: ABS Thermoplastic



## ORDER INFORMATION

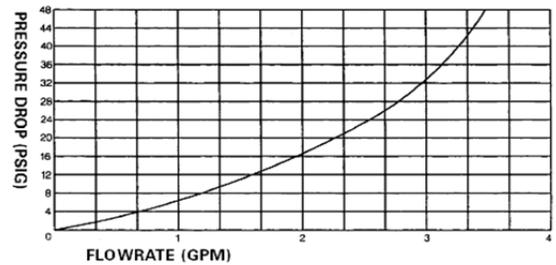
Model	Item Number	Description	Weight
MVD-LF	34DLF30201	3/8" Single Out Bronze	0.82
MVDR-LF	34DLF30217	3/8" Single Out Chrome	0.82
MVDB-LF	34DLF302B1	3/8" Double Out Bronze	1.0
MVDBR-LF	34DLF302B17	3/8" Double Out Chrome	1.0



## PERFORMANCE RATING

- Minimum Supply Pressure: **30psi (207 kPa)**
- Minimum HW Inlet/Outlet Temp. differential: **15°F**
- Maximum HW/CW Pressure differential: **25%**
- Hot Inlet temperature: **120°F-200°F (49°C-93°C)**
- Cold Inlet temperature: **38°F-80°F (3.3°C-27°C)**
- Outlet Temperature Control: **80°F-120°F (27°C-49°C)**
- Maximum Pressure: **150psi (10.3 bar)**
- Flow rates: **0.5\* – 3.2 gpm**

\*Must use recirculation loop for <1.0 gpm flow



## OPTIONS

- Satin Chrome Plated Finish
- Double Outlet Cold Water Bypass

## APPROVALS

- ASSE 1070 "Performance Requirements for Water Temperature Limiting Devices"
- CSA B125.3-05 "Plumbing Fittings"
- NSF/ANSI 61-8 Annex G
- NSF 372 **Lead Free\*** ANSI 3<sup>rd</sup> Party Certified



\* **LEAD FREE:** The wetted surfaces of this product shall contain no more than 0.25% lead by weighted average. Complies with CA AB1953, VT Act 193, MD HB372, LA HB471 and Federal Public Law 111-380. ANSI 3<sup>rd</sup> party approved and listed

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