## INSTANT-FLOW® MICRO MIX™ - LOW FLOW

### APPLICATION:
commercial, industrial, public lavatories, kitchen/bar sink

### PRODUCT FEATURES
- The combination of any Chronomite IAPMO certified microprocessor instantaneous water heater and the Chronomite IAPMO certified mixing valve assembly AP-12, when installed per the instructions, complies with ASSE 1070-2004. Reference IAPMO R&T Certificate no. 7257. Regulation pertaining to limiting risk of scalding.
- Uses a digital microprocessor for temperature control
  - Ultra quick response times for temperature variations
  - Microprocessor use is the most energy efficient means of heating water
- Unlimited hot water
- Saves water and energy - 99% energy efficient
- Vandal resistant rugged cast aluminum housing
- Works with low flow application
- Space saving compact size:
  - 6-1/4” (H) x 9-5/8” x 2-3/4”
- Meets applicable building codes including ADA, UL, IAPMO, UPC.
- Environmentally friendly
- Made in the U.S.A.

Chronomite Instant Flow® Micro Mix - Low Flow models are manufactured to provide reliable point-of-use hot water at 0.4 GPM with a minimum pressure of 25 PSI.

The AP-12 valve assembly consists of IAPMO certified mixing valve, appropriate piping and fittings. Reference IAPMO R & T certificate #7257

Housing is fabricated from rugged cast aluminum alloy.

Element assembly is fabricated from Celcon plastic.

Coils are Nichrome.

Faucet flow control and compression fittings are supplied with each unit.

### GUIDE SPECIFICATION

Tankless Water Heater shall be a Chronomite Laboratories Model

<table>
<thead>
<tr>
<th>M - ___L / _____- MM</th>
<th>OPTION</th>
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<tbody>
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with Amps and Volts to heat 0.4 GPM to a preset temperature of 104°F.

Unit shall be provided with, microprocessor, Celcon waterways, Nichrome heating coils, and an IAPMO certified AP-12 Mixing Valve Assembly meeting ASSE 1070-2004 compliance. Hot water storage vessel and simple analog temperature controller are expressly prohibited.

### OPTIONAL HOUSING FINISH
- PA 765 ABS (P)
- Satin Finish Stainless Steel (SS)
- High Polish Finish Stainless Steel (SSP)

e.g. Model M-30L/120-MM with 30 Amps, 120 Volts heat 0.4 GPM to preset temperature of 104°F.

### M - _______L / ______- MM

<table>
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<tr>
<th>MODEL</th>
<th>AMPS</th>
<th>VOLTS</th>
<th>WATTS</th>
<th>ACTIVATION @ GPM</th>
<th>TEMP RISE @ 0.80 GPM</th>
<th>TEMP RISE @ 1.00 GPM</th>
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### Complies with Standards for:
- UL
- IAPMO
- ASSE
- CALGreen
- Federal Lead Rule (90/60)

### WARNING:
Cancer and Reproductive Harm - www.P65Warnings.ca.gov
**INSTANT-FLOW® MICRO MIX™ - LOW FLOW**

**TECHNICAL DIMENSIONS**

**INSTANT-FLOW® MICRO MIX™ - LOW FLOW**

Dimensions: 6-1/4" (H) x 9-5/8" x 2-3/4"

Weight: 6 lbs.

Materials: Rugged cast aluminum housing, Celcon plastic element assembly with Nichrome coils and AP-12 mixing valve assembly

Housing Color: White

Minimum Operating Flow Rate: 0.35 GPM

Minimum Operating Pressure: 25 PSI

Maximum Operating Pressure: 80 PSI

Maximum Operating Temperature: 160°F

Listing: UL, IAPMO, UPC, ADA, ETL

**GENERAL NOTES:**

- The microprocessor adjusts the heater’s power for variations in flow rates, inlet water temperature and pressure to assure the selected factory preset water temperature.
- 240V models when operated at 220V will have approximately a 15% wattage decrease.

**INSTALLATION DIAGRAM**

- Unit must be hard wired.
- NOTE: Heaters are single phase. All tests are measured at the output of the heater.

**WIRING CONNECTION**

3/8" Cold Water Inlet

3/8" Hot Water Faucet Feed

5/8" x 3/8" x 3/8" Three Way Angle Stop Valve

3/8" Cold Water Faucet Feed

**CHRONOMITE LABORATORIES, INC.**

Member of Morris Group International, City of Industry, CA  Please visit www.chronomite.com for most current specifications.

"GRD" is earth ground.

Conduit

Refer to local code for wire size

Note: Heater to be installed below the level of all hot water outlets serviced by the heater

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