

## **INSTANT-FLOW® MICRO - LOW FLOW**

**APPLICATION:** commercial, industrial, residential, public lavatories, kitchen/bar sink

#### **PRODUCT FEATURES**

- Uses a digital microprocessor for temperature control Ultra quick response times for temperature variations -120 times per second. Microprocessor use is the most energy efficient means of heating water
- Unlimited hot water
- Ideal for sensor /hands-free faucets with the 104°F factory preset setting; no mixing valve needed
- > Saves water and energy 99% energy efficient
- Meet all CAL GREEN low flow requirements
- Vandal resistant rugged cast aluminum housing
- 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 - Low Flow models are manufactured to provide reliable point-of-use hot water. There is no pressure and temperature relief valve needed (unless required by code), saving time and money on installation.

Housing is fabricated from rugged cast aluminum alloy.

**Element assembly** is fabricated from Celcon plastic.

Heating coils are nichrome.

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





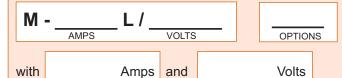


For the model being selected, please place the corresponding amps and volts values in the Guide Specifications to the right.



#### **GUIDE SPECIFICATION**

Tankless Water Heater shall be a Chronomite Laboratories Model



To heat to a preset temperature of:

O 104°F (Standard sensor faucet hand washing setting) 110°F (Standard hand washing setting Meets ADA)

°F Othdard hand setting setting required.

Other temperature settings available upon request (specify below)

O 120 °F (Meets health code) M-20L/240 & M-20L/277 only

Unit shall be provided with Celcon waterways, and Nichrome heating coils.

#### **OPTIONS**

- OPA 765 ABS Housing (P)
- Satin Finish Stainless Steel Housing (SS)
- O High Polish Finish Stainless Steel (SSP)

Temperature controlled by microprocessor.

Pressure & Temp Relief Valve Assembly (TP)

MODEL	AMPS	VOLTS	WATTS	ACTIVIATION GPM	TEMP RISE @ 0.40 GPM	TEMP RISE @ 0.75 GPM	TEMP RISE @ 1.00 GPM
M-15L / 277	15	277	4150	0.35	71	38	28
M-20L / 120	20	120	2400	0.35	41	22	-
M-20L / 208	20	208	4160	0.35	71	38	28
M-20L / 240	20	240	4800	0.35	82	44	33
M-20L / 277	20	277	5540	0.35	95	50	38
M-30L / 120	30	120	3600	0.35	61	33	25











#### **CHRONOMITE LABORATORIES, INC.**

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# **INSTANT-FLOW® MICRO - LOW FLOW**

### **TECHNICAL DIMENSIONS**

#### INSTANT-FLOW® MICRO - LOW FLOW

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

Materials: Rugged cast aluminum housing Celcon plastic element assembly

with nichrome coils

Housing Color: White Minimum Operating Flow Rate: 0.35 GPM

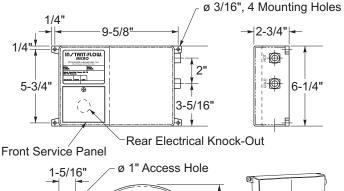
Minimum Operating Pressure: 25 PSI 150 PSI Maximum Operating Pressure

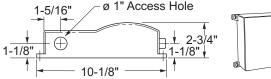
140°F Maximum Operating Temperature:

Listing: UL, IAPMO, UPC, ADA

#### **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.
- 120V models when operated 110V will have approximately a 15% wattage decrease.

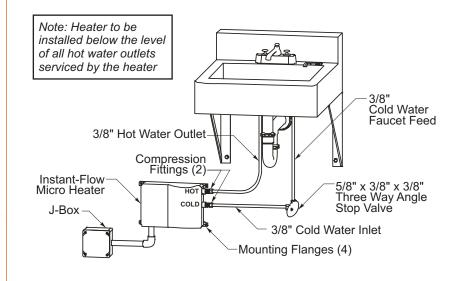




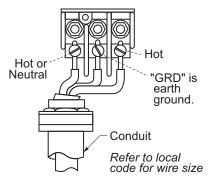


- Instant-Flow Micro is ideal for sensor/hands-free faucets with the 104°F factory preset setting temperature ; no mixing valve needed
- Factory setting of 110°F or above require cold water mixing at the hand wash faucet.
- · Microprocessor limits temperature increase according to the preselected temperature.

## INSTALLATION DIAGRAM



## WIRING CONNECTION



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

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