INSTANT-FLOW<sup>®</sup> 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
- > Works with low flow applications
- 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<sup>®</sup> Micro - Low Flow models are manufactured to provide reliable point-of-use hot water at 0.5 gallon per minute with a minimum pressure of 25 PSI. 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.

### Coils are nichrome.

for

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

MODEL	BREAKER SIZE (AMPS)	VOLTAGE	WATTS	TEMP RISE @ 0.5 GPM
M-15L/277	15	277	4,150	57°F
M-20L/120	20	120	2,400	33°F
M-20L/208	20	208	4,160	57°F
M-20L/240	20	240	4,800	65°F
M-20L/277	20	277	5,540	75°F
M-30L/120	30	120	3,600	49°F

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





Instant-Flow<sup>®</sup> Micro - Low Flow

# **GUIDE SPECIFICATION**

Tankless Water Heater shall be a Chronomite Laboratories Model



to heat 0.5 gpm to a preset temperature of:



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

Hot water storage vessel and simple analog temperature controller are expressly prohibited.

### **OPTIONAL HOUSING FINISH**

- O PA 765 ABS (P)
- Satin Finish Stainless Steel (SS)
- High Polish Finish Stainless Steel (SSP)
- eg. Model M-20L/240 with 20 Amps, 240 Volts heat 0.5 gpm to preset temperature of 104°F.

CHRONOMITE LABORATORIES, INC. 17451 Hurley St. :: City of Industry, CA 91744 Phone 800-447-4962 :: 626-937-4270 Fax 626-937-4279 :: www.chronomite.com

Chronomite Laboratories is a Division of Acorn Engineering Company.

# INSTANT-FLOW<sup>®</sup> MICRO - LOW FLOW

# **TECHNICAL DIMENSIONS**

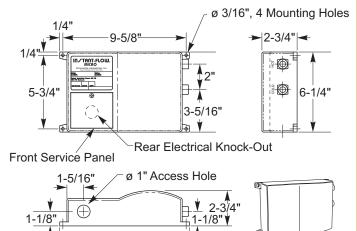
### INSTANT-FLOW<sup>®</sup> MICRO - LOW FLOW

Dimensions:	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 Operat	ing Flow Rate:	0.4 GPM		
Minimum Operat	ing Pressure:	25 PSI		
Maximum Opera	ting Pressure	150 PSI		
Maximum Opera	ting Temperature:	140°F		
Listing:	ng: UL, IAPMO			

#### 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.

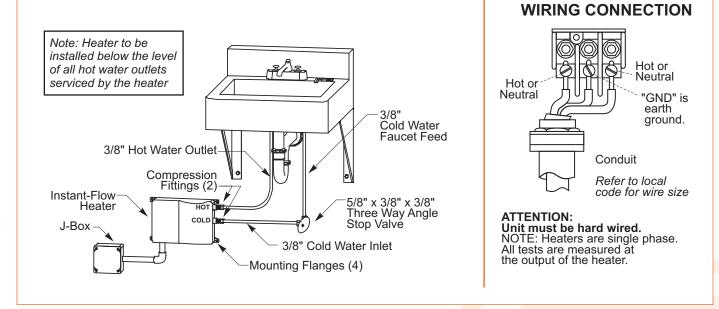
## INSTALLATION DIAGRAM



 Instant-Flow Micro is ideal for sensor/hands-free faucets with the 104°F factory preset setting temperature ; no mixing valve needed

10-1/8"

- 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.



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PRO	Contact	Title		626-937-4270
SELEC & AP MAN	Signature (Approval for Manufacturing)		Date	FAX 626-937-4279 www.chronomite.com