

INSTANT-FLOW[®] MICRO HEATERS WITH PARALLEL ASSEMBLY

APPLICATION: commercial, industrial, commercial dishwasher (booster), solar backup, jetted tub, single high volume fixture

PRODUCT FEATURES

- Two Instant-Flow Micro heaters are connected together to produce a greater flow rate.
- Assembly kit is provided
- Each heater 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
- Vandal resistant rugged cast aluminum housing
- No mixing valve needed
- Saves water and energy - 99% energy efficient
- Space saving compact size:
Heaters are 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 USA

Chronomite Instant-Flow[®] Micro - Standard Flow models are manufactured to provide reliable point-of-use hot water. With two units operating together with a supplied parallel assembly kit, the water is heated at 2.0 gallon per minute with a minimum pressure of 45 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.

Copper connections and brass compression fittings are supplied with each kit.

MODEL (2 HEATERS SUPPLIED)	BREAKER SIZE (AMPS)	VOLTAGE	WATTS	TEMP RISE @ 2.0 GPM
M-30/208-PM	30 per heater	208	12,480	42°F
M-30/240-PM	30 per heater	240	14,400	49°F
M-30/277-PM	30 per heater	277	16,620	57°F
M-40/208-PM	40 per heater	208	16,640	57°F
M-40/240-PM	40 per heater	240	19,200	65°F
M-40/277-PM	40 per heater	277	22,160	75°F
M-50/240-PM	50 per heater	240	23,040	79°F

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



Member of
U.S. Green
Building Council



Water
Conserving
Product



Made in
the USA



Instant-Flow Micro Heaters with Parallel Assembly kit (shown with aluminum housing)

GUIDE SPECIFICATION

Two tankless water heater shall be Chronomite Laboratories Model

M - _____ / _____ - **PM**

AMPS

VOLTS

OPTIONS

each operating with _____ Amps and

Volts

to heat 2.0 gpm to a preset temperature of:

104°F

110°F

(Meets ADA)

Other temperature settings available upon request (specify below)

120 °F

(Meets health code)

Each heater shall be provided with Celcon waterways, nichrome heating coils or an approved equal.

The parallel assembly kit is provided. Allows for ease of dual heater installation. Hot water storage vessel and simple analog temperature controller are expressly prohibited.

OPTIONAL HOUSING FINISH

Satin Finish Stainless Steel (SS)

High Polish Finish Stainless Steel (SSP)

eg. Two Model M-30/240 heaters with each operating with 30 Amps and 240 Volts to heat 2.0 gpm to a preset temperature of 104°F.

Complies with Standards for:



AB1953

CHRONOMITE LABORATORIES, INC.

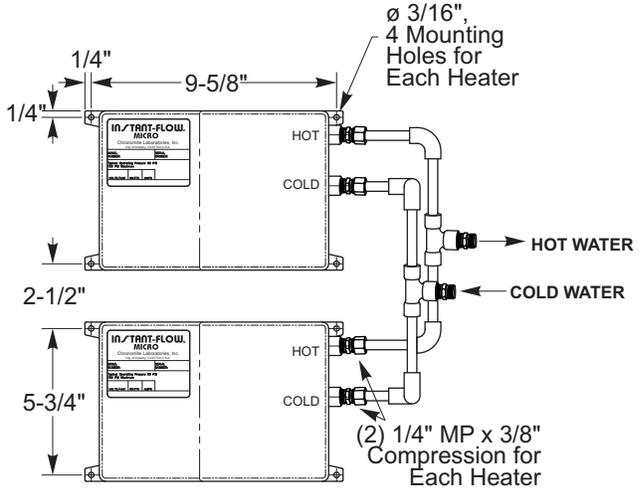
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Phone 800-447-4962 :: 626-937-4270
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INSTANT-FLOW[®] MICRO HEATERS WITH PARALLEL ASSEMBLY

TECHNICAL DIMENSIONS

INSTANT-FLOW[®] MICRO - STANDARD FLOW

Quantity:	Two Heaters
Dimensions:	6-1/4" (H) x 9-5/8" x 2-3/4"
Weight:	10 lbs.
Materials:	Rugged cast aluminum housing Celcon plastic element assembly with nichrome coils
Housing Color:	White
Minimum Operating Flow Rate:	2.0 GPM
Minimum Operating Pressure:	45 PSI
Maximum Operating Pressure:	150 PSI
Maximum Operating Temperature:	140°F
Listing:	UL, IAPMO, UPC, ADA

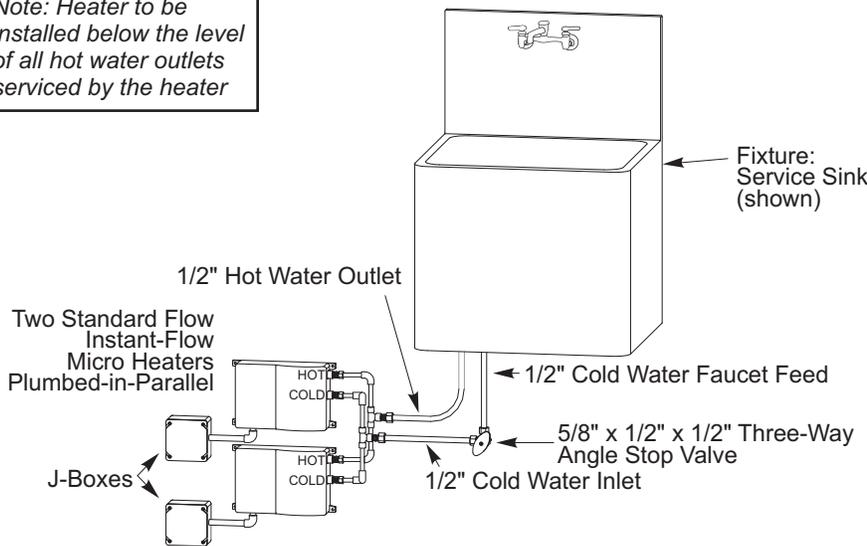


GENERAL NOTES:

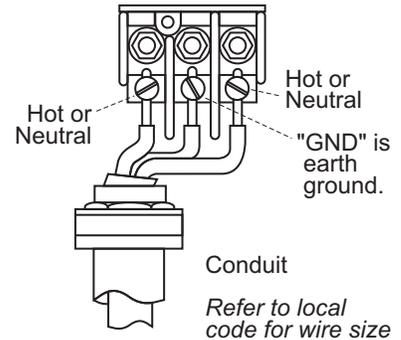
- The microprocessor adjusts the heater's power for variations in flow rates, inlet water temperature and pressure to assure the selected factory pre set water temperature.
- 240V models when operated at 220V will have approximately a 15% wattage decrease.
- Microprocessor limits temperature increase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

INSTALLATION DIAGRAM

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



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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SELECTION SUMMARY & APPROVAL FOR MANUFACTURING

Company _____

Model Number & Options _____ Quantity _____

Contact _____ Title _____

Signature (Approval for Manufacturing) _____ Date _____

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