

ELECTRIC TANKLESS WATER HEATER - POINT

INSTANT-FLOW® MICRO - STANDARD FLOW

APPLICATION: commercial, industrial, residential, kitchen/bar sink, service sink, scrub sink, shower

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
- > Saves water and energy 99% energy efficient
- Vandal resistant rugged cast aluminum housing
- Space saving compact size: 6-1/4" (H) x 9-5/8" x 2-3/4" (159 (H) x 244 x 70mm)
- Meets applicable building codes including ADA, UL, IAPMO, UPC, CSA.
- > Environmentally friendly
- Made in the U.S.A.
- > Field Adjustable Temperature 104-125°F (40-52°C) (Option -ADJ)

Chronomite Instant-Flow® Micro - Standard 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 are supplied with each unit. 3/8" compression fittings are supplied (standard). Optional 1/2" and 3/4" male NPT water connections available.





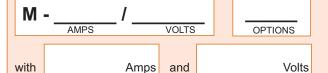


For the model being selected, please place the corresponding amps and volts values in the Guide Specifications to the right.



GUIDE SPECIFICATION

Tankless Water Heater shall be a Chronomite Laboratories Model



to heat to a preset temperature of:

○ 104°F (40°C) ○ 110°F (43°C) (Meets ADA)

Other temperature settings available upon request (specify below)

O 120 °F (49°C) (Meets health code)

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

Temperature controlled by microprocessor.

OPTIONS

- PA 765 ABS Housing (P)
- Satin Finish Stainless Steel Housing (SS)
- High Polish Finish Stainless Steel (ŠŠP)
- O Pressure & Temp Relief Valve Assembly (TP)
- 1/2" Male NPT (NPT08)
 High Flow 3/4" Male NPT (NPT12)
- Field Adjustable Temperature (ADJ)
- Disconnect Switch, Rotary 40A Lockable Nema 4X (2095-1)

MODEL	AMDO	VOLTS	WATTS	ACTIVATION °F TEMPERATURE RISE @			E@
MODEL	AMPS			GPM	1.00 GPM	1.50 GPM	2.00 GPM
M-30/208	30	208	6240	0.65	43	28	21
M-30/240	30	240	7200	0.65	49	33	25
M-30/277	30	277	8310	0.65	57	38	28
M-40/208	40	208	8320	0.65	57	38	28
M-40/240	40	240	9600	0.65	66	44	33
M-40/277	40	277	11080	0.65	76	50	38

Complies LISTED TO: UL STD 499 with Standards for:











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ELECTRIC TANKLESS WATER HEATER - POINT OF USE

INSTANT-FLOW® MICRO - STANDARD FLOW

INSTANT-FLOW® MICRO - STANDARD FLOW METRIC CHART

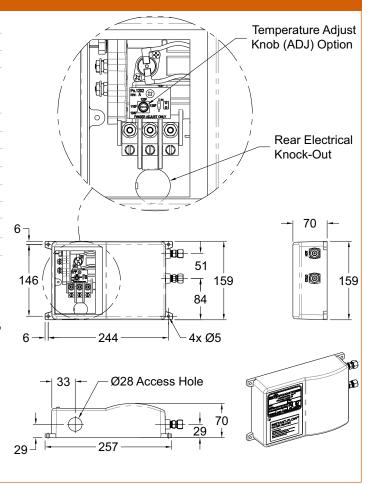
MODEL	AMPS/PHASE	1 Ø VOLTAGE	WATTS	ACTIVATION	°C TEMPERATURE RISE @		
MODEL				LPM	4.00 LPM	6.00 LPM	8.00 LPM
M-30/208	30	208	6240	2.5	22	15	11
M-30/240	30	240	7200	2.5	26	17	13
M-30/277	30	277	8310	2.5	30	20	15
M-40/208	40	208	8320	2.5	30	20	15
M-40/240	40	240	9600	2.5	34	23	17
M-40/277	40	277	11080	2.5	40	27	20

TECHNICAL DIMENSIONS

INSTANT-FLOW® MICRO - STANDARD FLOW Dimensions: 159 (H) x 244 x 70mm Weight: 2.27 Kg Materials: Rugged cast aluminum housing Celcon plastic element assembly with nichrome coils Housing Color: White Minimum Operating Flow Rate: 2.5 LPM Minimum Operating Pressure: 172 kPa Maximum Operating Pressure: 552 kPa Maximum Pressure: 1034 kPa Maximum Water Temperature: 71°C 60°C Maximum Ambient Operating Temperature: UL, IAPMO, UPC, ADA, ETL Listing:

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
- Factory setting of 43°C or above require cold water mixing at the hand wash faucet.
- Microprocessor limits temperature increase according to the preselected temperature.
- M40/277 not certified to CAN/CSA STD C22.2 No. 88



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MMARY FOR RING	Company			CHRONOMITE LABORATORIES, INC.
SAL	Model Number & Options		Quantity	PH. 800-447-4962
PRC	Contact	Title		626-937-4270
AAP	Signature			FAX 626-937-4279
SEL R	(Approval for Manufacturing)		Date	www.chronomite.com



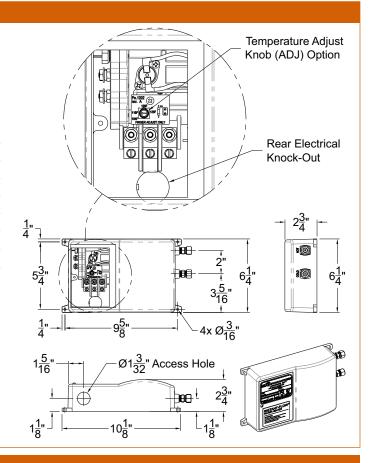
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INSTANT-FLOW® MICRO - STANDARD FLOW

TECHNICAL DIMENSIONS INSTANT-FLOW® MICRO - LOW FLOW Dimensions: 6-1/4" (H) x 9-5/8" x 2-3/4" Weight: Materials: Rugged cast aluminum housing Celcon plastic element assembly with nichrome coils Housing Color: White Minimum Operating Flow Rate: 0.65 GPM Minimum Operating Pressure: **25 PSI** Maximum Operating Pressure: 80 PSI Maximum Pressure: 150 PSI Maximum Water Temperature: 160°F Maximum Ambient Operating Temperature: 140°F Listing: UL, IAPMO, UPC, ADA, ETL

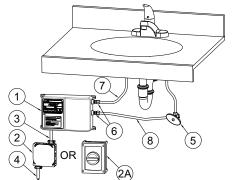
GENERAL NOTES:

- 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.
- 120V models when operated 110V will have approximately a 15% wattage decrease.
- 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.
- M40/277 not certified to CAN/CSA STD C22.2 No. 88



Notes:

- 1. Heater to be installed below the level of all hot water outlets serviced by the Heater.
- Diagram shown with standard 3/8" Compression Fitting. Optional 1/2" NPT Male water connections available.
- 1 Instant-Flow Micro Heater
- (2) Electrical Junction Supply Box (Optional)
- (2A) 2095-1 Disconnect Switch (Optional)
- (3) Electrical Supply Conduit
- (4) Electrical Supply Wire
- 5 Dual Outlet Stop, 3/8" Comp. Outlet Connections
- (6) 3/8" Comp. x 1/4" NPT Fittings (supplied)
- (7) 3/8" Hot Water Outlet
- (8) 3/8" Cold Water Inlet



Hot or Neutral Hot or Neutral "GND" is Earth Ground Conduit Refer to Local Code for Wire size

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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