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.

GUIDE SPECIFICATION

Tankless Water Heater shall be a Chronomite Laboratories Model

```
M - _______ / _______  _______  _______  _______
  AMPS   VOLTS   OPTIONS
```

with Amps    and   Volts

to heat to a preset temperature of:
- 104°F (40°C)  (Meets ADA)
- 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 (SSP)
- 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)

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

<table>
<thead>
<tr>
<th>MODEL</th>
<th>AMPS</th>
<th>VOLTS</th>
<th>WATTS</th>
<th>ACTIVATION</th>
<th>°F TEMPERATURE RISE @</th>
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<tbody>
<tr>
<td>M-30/208</td>
<td>30</td>
<td>208</td>
<td>6240</td>
<td>0.65</td>
<td>1.00 GPM 28 110°F (43°C)</td>
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<td>240</td>
<td>7200</td>
<td>0.65</td>
<td>1.50 GPM 33 110°F (43°C)</td>
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<td>277</td>
<td>8310</td>
<td>0.65</td>
<td>2.00 GPM 38 110°F (43°C)</td>
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<tr>
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<td>208</td>
<td>8320</td>
<td>0.65</td>
<td>1.00 GPM 38 120°F (49°C)</td>
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<tr>
<td>M-40/240</td>
<td>40</td>
<td>240</td>
<td>9600</td>
<td>0.65</td>
<td>1.50 GPM 44 120°F (49°C)</td>
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<tr>
<td>M-40/277</td>
<td>40</td>
<td>277</td>
<td>11080</td>
<td>0.65</td>
<td>2.00 GPM 50 120°F (49°C)</td>
</tr>
</tbody>
</table>

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

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov
**INSTANT-FLOW® MICRO - STANDARD FLOW**

**INSTANT-FLOW® MICRO - STANDARD FLOW METRIC CHART**

<table>
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<tr>
<th>MODEL</th>
<th>AMPS/PHASE</th>
<th>1 VOLTAGE</th>
<th>WATTS</th>
<th>ACTIVATION LPM</th>
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<th>4.00 LPM</th>
<th>6.00 LPM</th>
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<td>15</td>
<td>11</td>
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<td>26</td>
<td>17</td>
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<td>40</td>
<td>27</td>
<td>20</td>
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</table>

**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

**Maximum Ambient Operating Temperature:** 60°C

**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 43°C or above require cold water mixing at the hand wash faucet.
- Microprocessor limits temperature increase according to the pre-selected temperature.
- M40/277 not certified to CAN/CSA STD C22.2 No. 88
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: 0.65 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 pre-selected 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.
2. Diagram shown with standard 3/8” Compression Fitting. Optional 1/2” NPT Male water connections available.

WIRING CONNECTION

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