**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 (40°C) 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" (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 - 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.

**GUIDE SPECIFICATION**

Tankless Water Heater shall be a Chronomite Laboratories Model

<table>
<thead>
<tr>
<th>MODEL</th>
<th>AMPS</th>
<th>VOLTS</th>
<th>WATTS</th>
<th>ACTIVATION GPM</th>
<th>°F TEMPERATURE RISE @ 0.80 GPM</th>
<th>1.00 GPM</th>
<th>2.00 GPM</th>
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</table>

**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)
- 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.
TECHNICAL DIMENSIONS

INSTANT-FLOW® MICRO - LOW 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: 1.3 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 at 110V will have approximately a 15% wattage.
- Instant-Flow Micro is ideal for sensor/hands-free faucets with the 40°C factory preset setting temperature; no mixing valve needed.
- 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 decrease.

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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

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.
- 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 pre-selected temperature.

**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.

1. Instant-Flow Micro Heater
2. Electrical Junction Supply Box (Optional)
3. 2095-1 Disconnect Switch (Optional)
4. Electrical Supply Conduit
5. Electrical Supply Wire
6. Dual Outlet Stop, 3/8” Comp. Outlet Connections
7. 3/8” Comp. x 1/4” NPT Fittings (supplied)
8. 3/8” Hot Water Outlet
9. 3/8” Cold Water Inlet

**ATTENTION:**

Unit must be hard wired.

NOTE: Heaters are single phase. All tests are measured at the output of the heater.

**CHRONOMITE LABORATORIES, INC.**

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