**INSTANT-TEMP® - LOW FLOW**

**APPLICATION:** commercial, industrial, residential, multiple lavatories, 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 on low flow
- Rugged steel housing
- Space saving compact size: 7-5/16" (H) x 10-3/4" x 2-3/4"
- Meets applicable building codes including ADA, UL, IAPMO, UPC, and CSA.
- Environmentally friendly
- Made in the U.S.A.
- Field Adjustable

Chronomite Instant-Temp® - 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.

**Housing** is fabricated from rugged steel.

**Element assembly** is fabricated from Celcon/Ryton plastic.

**Heating coils** are nichrome.

**Flow control and compression fittings** are supplied with each unit.

**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>TEMP RISE @ 0.75 GPM</th>
<th>TEMP RISE @ 1.00 GPM</th>
<th>TEMP RISE @ 1.25 GPM</th>
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<tbody>
<tr>
<td>E - 48L / 240</td>
<td>12 &amp; 19</td>
<td>240</td>
<td>4600</td>
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<td>42</td>
<td>31</td>
<td>25</td>
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<tr>
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<td>277</td>
<td>4600</td>
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<td>31</td>
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<tr>
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<td>208</td>
<td>6000</td>
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<td>E - 60L / 240</td>
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<tr>
<td>E - 60L / 277</td>
<td>22</td>
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<td>6000</td>
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<td>41</td>
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<td>0.35</td>
<td>64</td>
<td>48</td>
<td>38</td>
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<tr>
<td>E - 70L / 240</td>
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<td>240</td>
<td>7000</td>
<td>0.35</td>
<td>64</td>
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<td>38</td>
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<tr>
<td>E - 70L / 277</td>
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<td>64</td>
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<td>38</td>
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<tr>
<td>E - 80L / 208</td>
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<td>E - 80L / 240</td>
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<td>82</td>
<td>61</td>
<td>49</td>
</tr>
</tbody>
</table>

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

**OPTIONS**
- Factory Preset (F)
- Low Flow/ Low Pressure (LLP)
- Remote Accessory (R)
- De-ionized (DI)
- Satin Stainless Steel Housing (SS)
- Multiple Lav applications (FLLP)
- High Polish Stainless Steel Housing(SSP)
- Pressure & Temp Relief Valve Assembly (TP)

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

**Instant-Temp® - Low Flow**

**Complies with Standards for:**
- UL
- ETL
- NSF
- WaterSense
- Made in the USA
- Environmentally friendly

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**IT-LF 11/12/15**
**TECHNICAL DIMENSIONS**

**INSTANT-TEMP® - LOW FLOW**

Dimensions: 7-5/16" (H) x 10-3/4" x 2-3/4"

Weight: 8 lbs.

Materials: Rugged steel housing
Celcon/Ryton plastic element assembly
with nichrome coils

Housing Color: White

Minimum Operating Flow Rate: 0.35 GPM

Minimum Operating Pressure: 45 PSI

Maximum Operating Pressure: 80 PSI

Maximum Pressure: 150 PSI

Maximum Operating Temperature: 160°F

Listing: UL, IAPMO, UPC, ADA, CSA

**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.
- Instant-Temp 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.

**INSTALLATION DIAGRAM**

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

**WIRING CONNECTION**

- Hot or Neutral
- "GRD" is earth ground.
- Conduit

**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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