APPLICATION: DISHWASHER

**IDEAL for**
- Commercial buildings
- Office buildings
- Schools, colleges and universities
- Hospitals
- Residential

**HEATER USED WITH RESIDENTIAL-TYPE DISHWASHER IN A COMMERCIAL SETTING**

### NON-MICROPROCESSOR MODELS

**INSTANT-FLOW® SR - STANDARD FLOW (1.0 GPM)**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>BREAKER SIZE (AMPS)</th>
<th>VOLTS</th>
<th>WATTS</th>
<th>PRESET TEMP</th>
</tr>
</thead>
<tbody>
<tr>
<td>SR-30/277</td>
<td>30</td>
<td>277</td>
<td>8,310</td>
<td>NONE</td>
</tr>
<tr>
<td>SR-40/208</td>
<td>40</td>
<td>208</td>
<td>8,320</td>
<td>NONE</td>
</tr>
<tr>
<td>SR-40/240</td>
<td>40</td>
<td>240*</td>
<td>9,600</td>
<td>NONE</td>
</tr>
</tbody>
</table>

### MICROPROCESSOR MODELS

**INSTANT-FLOW® MICRO - STANDARD FLOW (1.0 GPM)**

<table>
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<tr>
<th>MODEL</th>
<th>BREAKER SIZE (AMPS)</th>
<th>VOLTS</th>
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</thead>
<tbody>
<tr>
<td>M-40/208</td>
<td>40</td>
<td>208</td>
<td>8,320</td>
<td>Specify: 110°F or 120°F</td>
</tr>
<tr>
<td>M-40/240</td>
<td>40</td>
<td>240*</td>
<td>9,600</td>
<td>Specify: 110°F or 120°F</td>
</tr>
<tr>
<td>M-40/277</td>
<td>40</td>
<td>277</td>
<td>11,080</td>
<td>Specify: 110°F or 120°F</td>
</tr>
<tr>
<td>M-50/240</td>
<td>50</td>
<td>240*</td>
<td>11,520</td>
<td>Specify: 110°F or 120°F</td>
</tr>
</tbody>
</table>

* 240V models may be operated at 220V. However, an approximate 15% decrease in temperature will be experienced.

Other temperature settings are available upon request, including 140°F, please contact Chronomite directly.
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INSTANT-FLOW® SR
STANDARD FLOW
(1.0 GPM FLOW RATE)

Dimension: 6-1/4" (H) x 9-5/8" x 2-3/4"

Weight: 5 lbs

Material: White, rugged cast aluminum housing; Celcon plastic element assembly with nichrome coils.

Microprocessor Controlled: NO

Min. Operating Flow: Standard Flow Model operates at 1.0 GPM

Operating Pressure: Minimum 25 PSI / Maximum 150 PSI

Max. Operating Temperature: 140°F

Accessory Package: Omni Flow Control; compression fittings installed at factory

Housing Options: Satin Finish & High Polish Stainless Steel; PA 765 ABS Plastic

INSTANT-FLOW® MICRO
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(1.0 GPM FLOW RATE)

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**TEMPERATURE RISE AT:**

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<tr>
<th>MODEL</th>
<th>WATTS</th>
<th>1.0 GPM (OPTIMUM)</th>
<th>1.5 GPM</th>
<th>2.0 GPM</th>
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<tbody>
<tr>
<td>SR-30/277</td>
<td>8,310</td>
<td>57°F</td>
<td>37°F</td>
<td>28°F</td>
</tr>
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<td>SR-40/208</td>
<td>8,320</td>
<td>57°F</td>
<td>37°F</td>
<td>28°F</td>
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<tr>
<td>SR-40/240*</td>
<td>9,600</td>
<td>65°F</td>
<td>43°F</td>
<td>32°F</td>
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**TEMPERATURE RISE AT:**

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<td>11,080</td>
<td>75°F</td>
<td>50°F</td>
<td>37°F</td>
</tr>
<tr>
<td>M-50/240*</td>
<td>11,520</td>
<td>79°F</td>
<td>52°F</td>
<td>39°F</td>
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**SPECIAL INSTRUCTIONS BEFORE INSTALLING HEATER WITH DISHWASHER**

- Remove inline flow restrictor found inside the outlet compression fitting which is attached to the hot discharge side of each heater.
- Once it is removed, re-install compression fitting.
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Note: Heater to be installed below the level of all hot water outlets serviced by the heater

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

WIRING CONNECTION

Hot or Neutral
"GND" is earth ground
Conduit
Refer to local code for wire size.

Hot or Neutral

Sink Risers
3/8" Hot Water Faucet Feed
3/8" Hot Water Supply
Compression Fittings (2)
Instant-Flow® Heater
Mounting Flange (4)
3/8" Cold Water Faucet Feed
3/8" Cold Water Feed
5/8" x 3/8" x 3/8" Three-Way Angle Stop Valve

HOT COLD

Note:
- Heater to be installed below the level of all hot water outlets serviced by the heater
- Unit must be hard wired
- Heater is single phase
- All tests are measured at the output of the heater

Since 1966
Chronomite Laboratories is a member of Acorn Engineering's Family of Companies

Complies
with Standards for:

UL
AB1953

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