INSTANT-TEMP® - LOW FLOW

IDEAL APPLICATION: manual, meter, or sensor hand washing faucet(s)

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.

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

E - _____ L / ______ x 100 WATTS / VOLTS / OPTIONS

with Amps and Volts

to heat to a preset temperature of:

- 104°F
  (Standard sensor faucet hand washing setting)
- 110°F
  (Standard hand washing setting)  
  (Meets ADA)
- 120°F
  (Meets health code)

Other temperature settings available upon request (specify below)

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

Temperature controlled by microprocessor.

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)
- Eye Wash Model (EW)
- Disconnect Switch (2095-1)

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

Shown installed in a Multi-Lavatory Installation

WIRING CONNECTION

"GND" is earth ground.
Hot or Neutral
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.