

# INSTANT-TEMP® - STANDARD FLOW

**IDEAL APPLICATION:** bar and utility 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
- Saves water and energy - 99% energy efficient
- 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® - 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 steel.

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

**Heating coils** are nichrome.

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



Member of  
U.S. Green  
Building Council



Water  
Conserving  
Product



Made in  
the USA

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



Instant-Temp® - Standard Flow

## GUIDE SPECIFICATION

Tankless Water Heater shall be a Chronomite Laboratories Model

E -  S /   
x 100 WATTS      VOLTS      OPTIONS

with  Amps and  Volts

to heat to a preset temperature of:

- 104°F
- 110°F (Meets ADA)
- Other temperature settings available upon request (specify below)
- 120°F (Meets health code)

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

Temperature controlled by microprocessor.

### OPTIONS

- Factory Preset (F)
- Remote Accessory (R)
- Standard Flow Low Pressure (SLP)
- Pressure & Temp Relief Valve Assembly (TP)
- Eye Wash Model (EW)
- Satin Finish Stainless Steel Housing (SS)
- High Polish Stainless Steel Housing (SSP)
- De-ionized (DI)
- Disconnect Switch, Rotary 40A - Lockable Nema 4X (2095-1)

MODEL	AMPS	VOLTS	WATTS	ACTIVATION GPM	TEMP RISE @		
					0.75 GPM	1.00 GPM	1.50 GPM
E-46S / 208	22	208	4600	0.65	42	31	21
E-46S / 240	19	240	4600	0.65	42	31	21
E-46S / 277	17	277	4600	0.65	42	31	21
E-60S / 208	29	208	6000	0.65	55	41	27
E-60S / 240	25	240	6000	0.65	55	41	27
E-60S / 277	22	277	6000	0.65	55	41	27
E-70S / 208	34	208	7000	0.65	64	48	32
E-70S / 240	29	240	7000	0.65	64	48	32
E-70S / 277	25	277	7000	0.65	64	48	32
E-80S / 208	38	208	8000	0.65	73	55	36
E-80S / 240	33	240	8000	0.65	73	55	36
E-80S / 277	29	277	8000	0.65	73	55	36
E-90S / 240	38	240	9000	0.65	82	61	41
E-90S / 277	32	277	9000	0.65	82	61	41

Complies with Standards for:



Federal Public Law 111-380 (No Lead)

CALGreen

**CHRONOMITE LABORATORIES, INC.**

17451 Hurley St. :: City of Industry, CA 91744  
Phone 800-447-4962 :: 626-937-4270  
Fax 626-937-4279 :: www.chronomite.com

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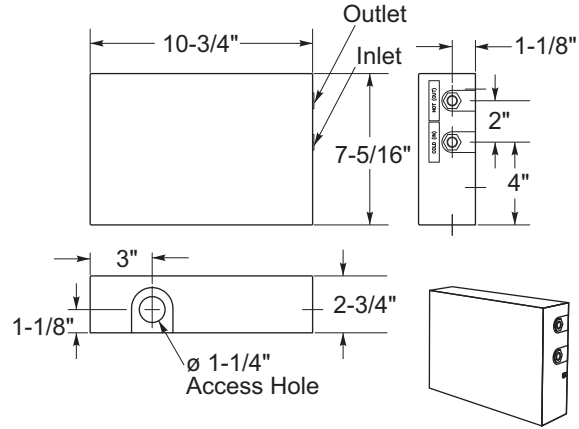


# INSTANT-TEMP® - STANDARD FLOW

## TECHNICAL DIMENSIONS

### INSTANT-TEMP - STANDARD 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:	.65 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:

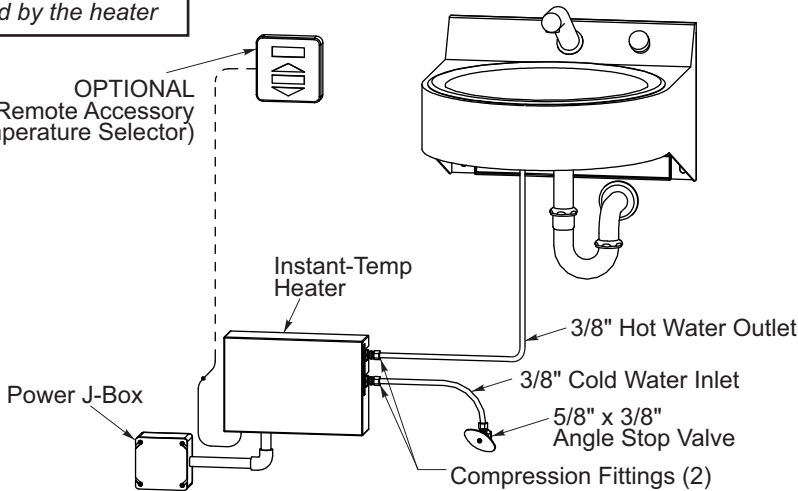
- The microprocessor adjusts the heater's power for variations in flow rates, inlet water temperature and pressure to assure the selected factory pre set water temperature.
- 240V models when operated at 220V will have approximately a 15% wattage decrease.

- 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

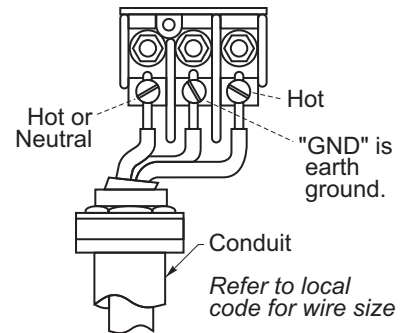
Note: Heater to be installed below the level of all hot water outlets serviced by the heater

OPTIONAL Remote Accessory (Temperature Selector)



Shown installed in a single sink installation

### WIRING CONNECTION



### 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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SELECTION SUMMARY & APPROVAL FOR MANUFACTURING

Company \_\_\_\_\_

Model Number & Options \_\_\_\_\_ Quantity \_\_\_\_\_

Contact \_\_\_\_\_ Title \_\_\_\_\_

Signature (Approval for Manufacturing) \_\_\_\_\_ Date \_\_\_\_\_

**CHRONOMITE**  
LABORATORIES, INC.

PH. 800-447-4962

626-937-4270

FAX 626-937-4279

[www.chronomite.com](http://www.chronomite.com)