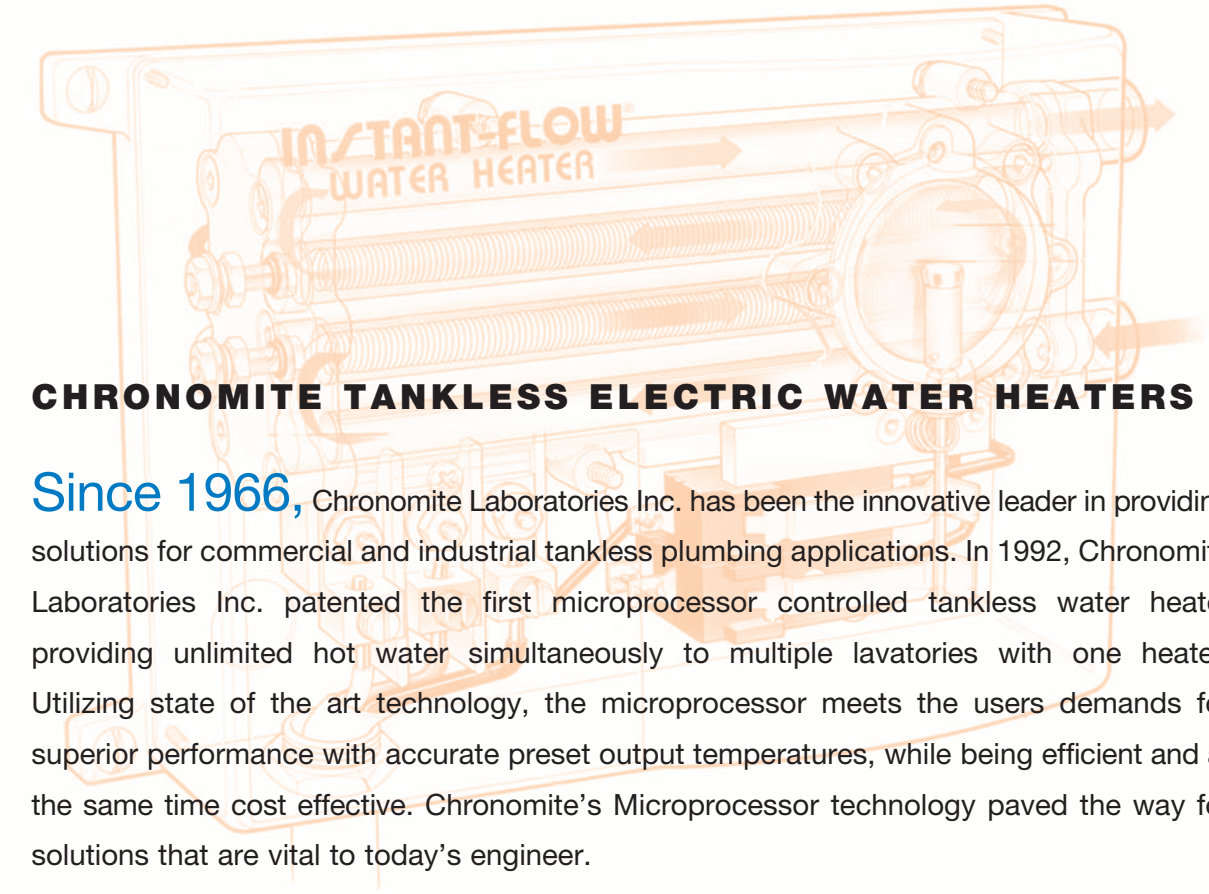
TANKLESS ELECTRIC

[WATERHEATERS]

U.S. GREEN BUILDING COUNCIL MEMBER

CHRONOMITE Laboratories, Inc.

ECONOMICAL, EFFICIENT PERFORMANCE

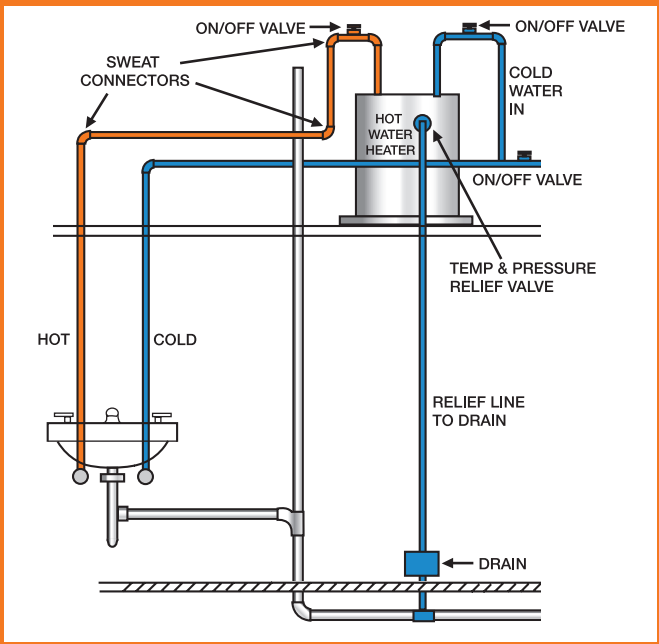


CHRONOMITE TANKLESS ELECTRIC WATER HEATERS

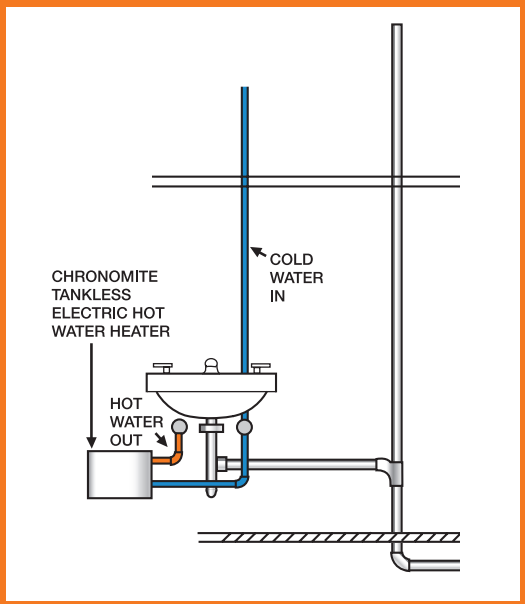
Since 1966, Chronomite Laboratories Inc. has been the innovative leader in providing solutions for commercial and industrial tankless plumbing applications. In 1992, Chronomite Laboratories Inc. patented the first microprocessor controlled tankless water heater providing unlimited hot water simultaneously to multiple lavatories with one heater. Utilizing state of the art technology, the microprocessor meets the users demands for superior performance with accurate preset output temperatures, while being efficient and at the same time cost effective. Chronomite's Microprocessor technology paved the way for solutions that are vital to today's engineer.

A TYPICAL REMOTE LAVATORY INSTALLATION

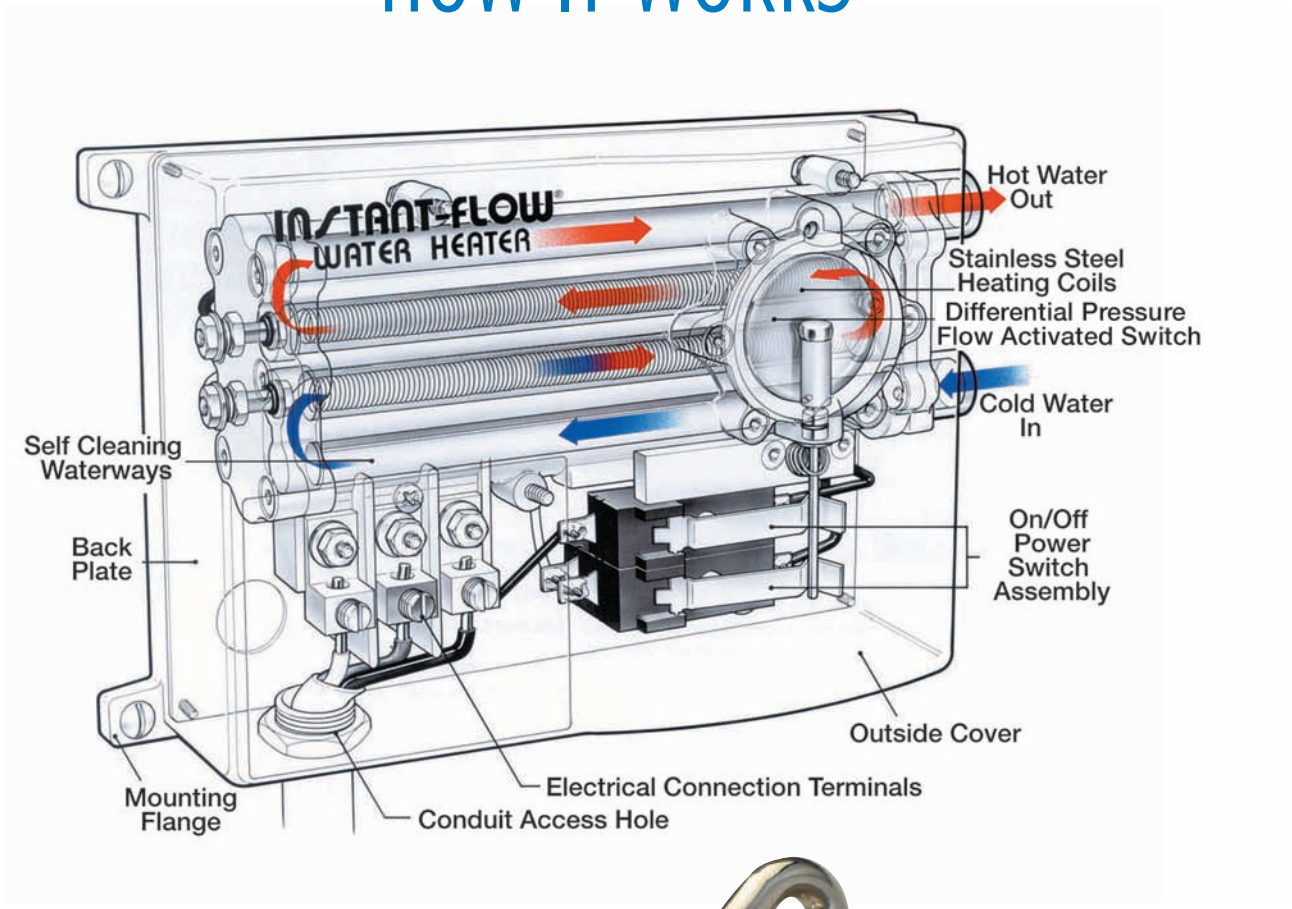
THE COSTLY CONVENTIONAL METHOD



THE ECONOMICAL CHRONOMITE INSTANT-FLOW® WAY



HOW IT WORKS


INSTANT-FLOW
WATER HEATER
Hot Water Out
Stainless Steel Heating Coils
Differential Pressure Flow Activated Switch
Cold Water In
Self Cleaning Waterways
Back Plate
On/Off Power Switch Assembly
Outside Cover
Mounting Flange
Conduit Access Hole
Electrical Connection Terminals

FEATURES AND BENEFITS

CHRONOMITE TANKLESS HEATERS

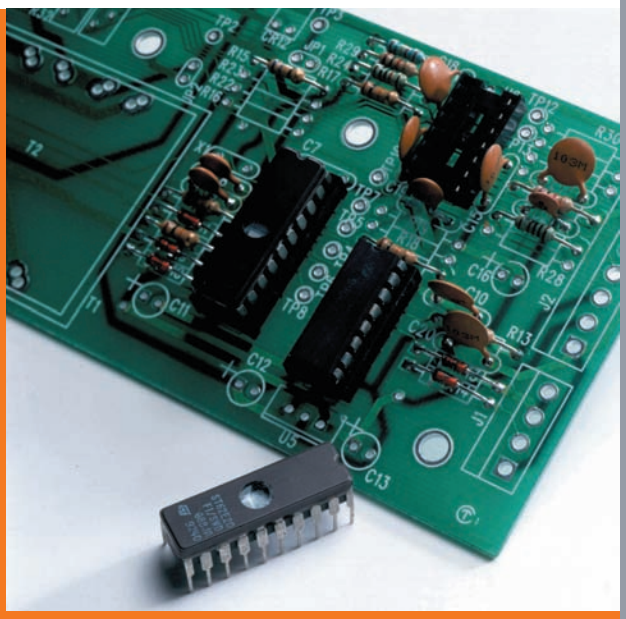
- **Unlimited Hot Water**
- **Easy to Install**
  Low Installation Costs.
  No Pressure and Temperature Relief Valve.
  Omni faucet flow control & compression fitting included.
- **Saves Energy & Water**
  98% Energy Efficient
- **Virtually Eliminates Alkali Calcification**
  Unique designed element assembly, which allows flow-through abrasive action of water creating a self-cleaning feature, eliminating alkali and calcification build-up.
- **Compact Size**
  Space saving point of use installation
  Sizes range from:
  - 10 3/4" x 7 5/16" x 2 3/4" - Instant Temp®
  - 6 1/4" x 9 5/8" x 2 3/4" - Instant Flow® Micro
  - 6 1/4" x 9 5/8" x 2 3/4" - Instant Flow®
- **Product Listings**
  UL, CSA & HUD, IAPMO
- **ADA Compliant**
- **Digital Microprocessor Technology**
  Controlled hot water temperatures using digital technology as opposed to analog control. (Instant-Flow® Micro and Instant-Temp® heaters.)
- **Anti-Scalding**
  Can be pre-set to prevent scalding without the use of mixing valves.
- **Sensor and Metering Faucet**
  Instant-Flow® Micro and Instant-Temp® tankless water heaters are compatible with sensor or metering faucets.
- **No Need for Seismic Constraints**
- **Made in U.S.A.**
- **Legionella**
  Eliminates hot water temperatures found in storage and re-circ systems, known to promote the growth of legionella.
- **Material Savings**
  Eliminates costly piping/valving associated with hot water piping.
- **Toll Free Hotline**
  800-447-4962

Optional stainless steel housing shown in photo

DIGITAL MICROPROCESSOR TECHNOLOGY

(INSTANT-FLOW® MICRO AND INSTANT-TEMP® MODELS)

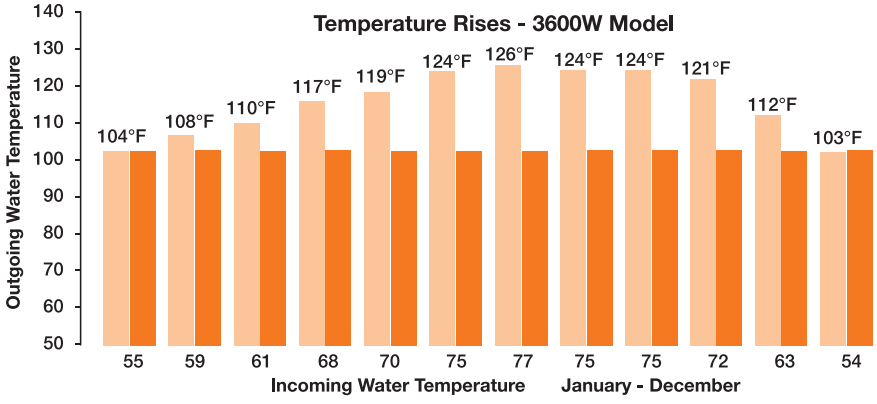
- Factory preset temperatures
- Immediate response to changes in incoming water temperatures, pressures and flow rate
- Regulates water temperature **120 times a second**
- Eliminates scalding concerns with factory preset temperatures
- No need for mixing valves
- Up to **50% more energy efficient** than non-microprocessor heaters



Optional remote control available for Instant-Temp® heaters.

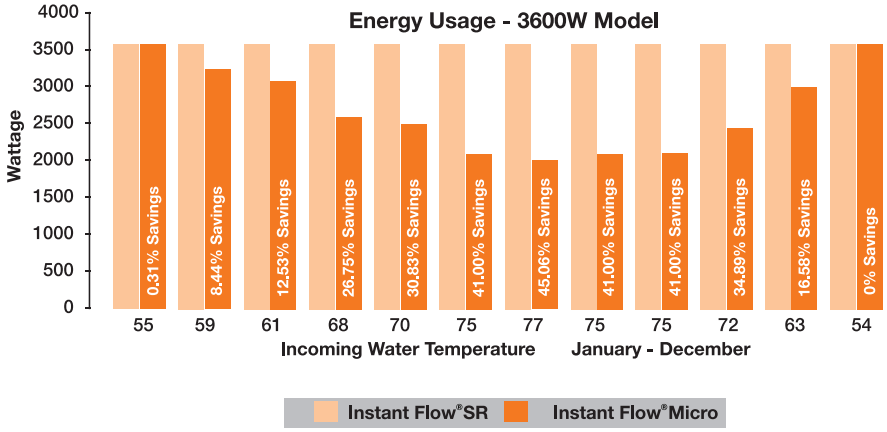
NON MICROPROCESSOR VS. MICROPROCESSOR

SAFE & PRECISE TEMPERATURES



ENERGY EFFICIENCY

Microprocessor saves money and provides safety.



BASIC HEATER

INSTANT-FLOW® SR

MICROPROCESSOR CONTROLLED TEMPERATURE HEATER

INSTANT-FLOW® MICRO

FIELD ADJUSTABLE TEMPERATURE HEATER
(with microprocessor)

INSTANT-TEMP®

APPLICATIONS:

- Public Lavatories
- Kitchen/Bar Sink
- Service Sink
- Scrub Sink

APPLICATIONS:

- Public Lavatories
- Kitchen/Bar Sink
- Service Sink
- Scrub Sink
- Shower
- Emergency Eyewash
- Booster (Dishwasher, Photoprocessing and Other Applications)

APPLICATIONS:

- Public Lavatories
- Emergency EyeWash
- Rinse Down Sink
- Call factory for details regarding your application.

FEATURES:	INSTANT-FLOW® SR	INSTANT-FLOW® MICRO	INSTANT-TEMP®
98% Energy Efficient	●	●	●
Compact Size	●	●	●
Easy to Install	●	●	●
Low Installation Cost	●	●	●
Unlimited Hot Water	●	●	●
Meets ADA Barrier Free Requirements	●	●	●
Made in the USA	●	●	●
Optional Stainless Steel Housing	●	●	●
Digital Microprocessor Control		●	●
Factory Preset Water Temperature Settings (user specified)		●	●
Serves Multiple Lavatories		●	●
Booster Applications		●	●
Emergency Eyewash Applications		●	●
Anti-Scalding Factory Preset Temperatures		●	●
Field Adjustable Water Temperature Settings			●
Deionized Water Usage			●

APPLICATIONS

EMERGENCY EYEWASH

- EyeWash Station
- Faucet Mount Eyewash
- Drench Hose

NON-PUBLIC LAVATORIES

- Residential day care facilities, childcare, day care and preschool facilities
- Modular buildings/ Modular offices

SCRUB SINKS

- Hospitals
- Surgical Centers
- Operating Rooms

SHOWERS

- Industrial & Manufacturing
- Office Buildings
- Schools, Colleges & Universities
- Modular Buildings
- Campgrounds

KITCHEN SINKS

- Tenant Improvement Areas
- Coffee and Food Service Areas
- Retail Establishments
- Concession Stands

BAR SINKS

- Shopping Malls & Strip Malls
- Retail Stores
- Service Stations
- Commercial Buildings
- Office Buildings
- Schools, Colleges & Universities
- Hospitals
- Restaurants
- Stadiums

SERVICE SINKS

- Shopping Malls & Strip Malls
- Retail Stores
- Service Stations
- Commercial Buildings
- Office Buildings
- Schools, Colleges & Universities
- Hospitals
- Restaurants
- Stadiums

PUBLIC LAVATORIES

- Shopping Malls & Strip Malls
- Retail Stores
- Service Stations
- Commercial Buildings
- Office Buildings
- Schools, Colleges & Universities
- Hospitals
- Restaurants
- Stadiums

MULTIPLE LAVATORIES

- Shopping Malls & Strip Malls
- Retail Stores
- Service Stations
- Commercial Buildings
- Office Buildings
- Schools, Colleges & Universities
- Hospitals
- Restaurants
- Stadiums

EMERGENCY EYEWASH APPLICATION

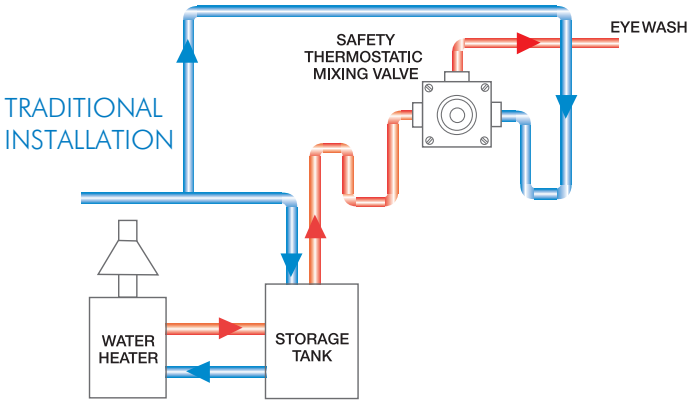
MICROPROCESSOR CONTROLLED

For emergency eyewash. The Microprocessor is factory set at 84°F to provide “tepid” water required by ANSI.

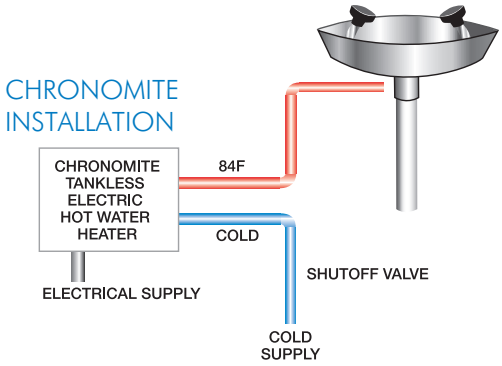
The microprocessor adjusts the heater’s power for variations in flow rates and pressure to assure safety to the user.

Safety applications where tepid water is needed:

- EyeWash Stations
- Faucet Mount EyeWash
- Drench Hoses



*Used with Instant-Flow® Micro and Instant Temp® Models



For Eyewash Model please call factory for assistance with sizing.

OPTIONAL STAINLESS STEEL HOUSING

HYGIENE

The non-porous surface of stainless steel allows virtually no growth of bacteria and other harmful micro-organisms. The easy cleaning ability makes it the first choice in hospitals, laboratories and food processing.

CORROSION RESISTANCE

The presence of chromium creates an invisible film that resists oxidation and makes the material “passive” or corrosion resistant.

AESTHETIC APPEARANCE

The bright, easily maintained surface of stainless steel provides a modern and attractive appearance.

Satin finish shown

FINISHES:

- Satin
- High Polish

INSTANT-FLOW® SR

Low Flow Models 0.5 GPM Flow Rate			
Model	Δ T Temp rise at 0.5 GPM	Watts	Amps
SR15L/120	24 °F	1800	15
SR-15L/277	57 °F	4150	15
SR-20L/ 120	33 °F	2400	20
SR-20L/ 208	57 °F	4160	20
SR-20L/ 240	65 °F	4800	20
SR-20L/ 277	75 °F	5400	20
SR-30L/120	49 °F	3600	30

Standard Flow Models 1.0 GPM Flow Rate			
Model	Δ T Temp rise at 1.0 GPM	Watts	Amps
SR-30/208	42°F	6240	30
SR-30/240	49 °F	7200	30
SR-30/277	57 °F	8310	30
SR-40/208	57 °F	8320	40
SR-40/240	65 °F	9600	40

INSTANT-FLOW® MICRO

Low Flow Models 0.5 GPM Flow Rate			
Model	Δ T Temp rise at 0.5 GPM	Watts	Amps
M-15L/277	57 °F	4150	15
M-20L/120	33 °F	2400	20
M-20L/208	57 °F	4160	20
M-20L/240	65°F	4800	20
M-20L/277	75 °F	5540	20
M-30L/120	49 °F	3600	30

Standard Flow Models 1.0 GPM Flow Rate			
Model	Δ T Temp rise at 1.0 GPM	Watts	Amps
M-30/208	42 °F	6240	30
M-30/240	49 °F	7200	30
M-30/277	57 °F	8310	30
M-40/208	57 °F	8320	40
M-40/240	65 °F	9600	40
M-40/277	75 °F	11080	40
M-50/240	79 °F	11520	50

Factory Preset Temperatures Available 104 °F 110 °F 120 °F **Other temperatures settings available upon request

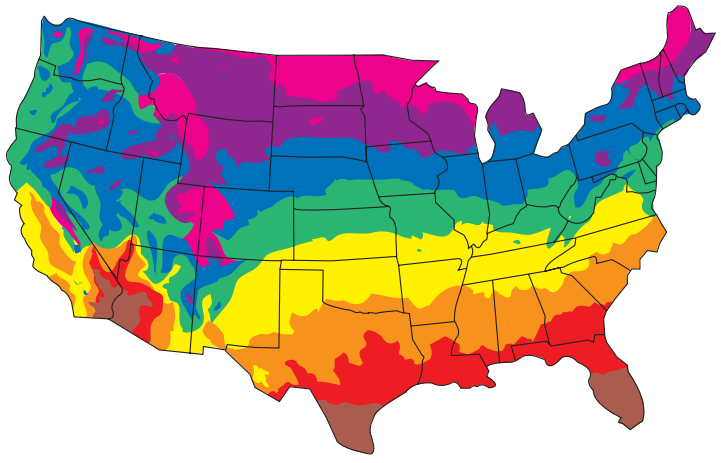
INSTANT-TEMP®

Low Flow Models 0.5 GPM Flow Rate			
Model	Δ T Temp rise at 0.5 GPM	Watts	Amps
E-46__L/208	63 °F	4600	22
E-46__L/220-240	63 °F	4600	21
E-46__L/277	63 °F	4600	17
E-60__L/208	82 °F	6000	29
E-60__L/220-240	82 °F	6000	27
E-60__L/277	82 °F	6000	22
E-70__L/208	97 °F	7000	34
E-70__L/220-240	97 °F	7000	31
E-70__L/277	97 °F	7000	25
E-80__L/208	110 °F	8000	38
E-80__L/220-240	110 °F	8000	36
E-80__L/277	110 °F	8000	29
E-90__L/220-240	122 °F	9000	40
E-90__L/277	122 °F	9000	32

Standard Flow Models 1.0 GPM Flow Rate			
Model	Δ T Temp rise at 1.0 GPM	Watts	Amps
E-46—S/208	31 °F	4600	22
E-46__S/220-240	31 °F	4600	21
E-46__S/277	31 °F	4600	17
E-60__S/208	41 °F	6000	29
E-60__S/220-240	41 °F	6000	27
E-60__S/277	41 °F	6000	22
E-70__S/208	48 °F	7000	34
E-70__S/220-240	48 °F	7000	31
E-70__S/277	48 °F	7000	25
E-80__S/208	54 °F	8000	38
E-80__S/220-240	54 °F	8000	36
E-80__S/277	54 °F	8000	29
E-90__S/220-240	61 °F	9000	40
E-90__S/277	61 °F	9000	32

Factory Preset Temperatures Available 104 °F 110 °F 120 °F **Other temperatures settings available upon request ***Digital Remote Optional

AVERAGE GROUND WATER TEMPERATURES IN THE UNITED STATES



A DIVISION OF
CHRONOMITE
LABORATORIES

Omni's unique Laminar flow offers a crystal clear, transparent, solid stream of water. When Omni created Laminar flow, it created a faucet flow control that offers no splash, while improving wetting ability without aeration. Omni Laminar faucet flow controls don't add air to the water; therefore, no airborne bacteria is introduced in the water. Omni Laminar faucet flow controls are the only devices approved for use in hospitals and health care facilities.

www.omniflowcontrols.com

TYPICAL AERATED STREAM

WITH OMNI'S
'LAMINAR' STREAM

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www.chronomite.com

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