

# SPECIAL APPLICATIONS

**IDEAL for**

- Photo processing facilities
- Manufacturing facilities
- Schools, colleges & universities
- Hospitals
- Restaurants
- Booster application
- Manufacturing processes
- Sterilizers
- Rinsing processes

Deionized Instant-Temp® models are available.



**Please call Chronomite to inquire about special applications.**

**NON-MICROPROCESSOR MODELS**

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

MODEL	BREAKER SIZE (AMPS)	VOLTS	WATTS	PRESET TEMP.
SR-30/208	30	208	6,240	NONE
SR-30/240	30	240*	7,200	NONE
SR-30/277	30	277	8,310	NONE
SR-40/208	40	208	8,320	NONE
SR-40/240	40	240*	9,600	NONE

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

Higher flow models are available, please contact Chronomite directly.

**MICROPROCESSOR MODELS**

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

MODEL	BREAKER SIZE (AMPS)	VOLTS	WATTS	PRESET TEMP.
M-30/208	30	208	6,240	Factory Preset
M-30/240	30	240*	7,200	Factory Preset
M-30/277	30	277	8,320	Factory Preset
M-40/208	40	208	8,320	Factory Preset
M-40/240	40	240*	9,600	Factory Preset
M-40/277	40	277	11,080	Factory Preset
M-50/240	50	240*	11,520	Factory Preset

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

MODEL	BREAKER SIZE (AMPS)	VOLTS	WATTS	PRESET TEMP.
E-60_S/208	30	208	6,000	Specify: Factory Preset or Remote Adjustable Control
E-60_S/240	30	240*	6,000	
E-60_S/277	20	277	6,000	
E-70_S/208	40	208	7,000	
E-70_S/240	40	240*	7,000	
E-70_S/277	30	277	7,000	
E-80_S/208	40	208	8,000	
E-80_S/240	40	240*	8,000	
E-80_S/277	30	277	8,000	
E-90_S/240	50	240*	9,000	
E-90_S/277	40	277	9,000	



Member of U.S. Green Building Council



Water Conserving Product



Made in the USA

Complies with Standards for:



AB1953

**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

# SPECIAL APPLICATIONS

## 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:** 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



MODEL	WATTS	TEMPERATURE RISE AT:			
		1.0 GPM (OPTIMUM)	1.5 GPM	2.0 GPM	2.5 GPM
SR-30/208	6,240	42°F	28°F	21°F	17°F
SR-30/240*	7,200	49°F	32°F	24°F	19°F
SR-30/277	8,310	57°F	37°F	28°F	22°F
SR-40/208	8,320	57°F	37°F	28°F	22°F
SR-40/240*	9,600	65°F	43°F	32°F	26°F

## INSTANT-FLOW® MICRO 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:** YES

**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 fitting installed at factory

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



MODEL	WATTS	TEMPERATURE RISE AT:			
		1.0 GPM (OPTIMUM)	1.5 GPM	2.0 GPM	2.5 GPM
M-30/208	6,240	42°F	28°F	21°F	17°F
M-30/240*	7,200	49°F	32°F	24°F	19°F
M-30/277	8,310	57°F	37°F	28°F	22°F
M-40/208	8,320	57°F	37°F	28°F	22°F
M-40/240*	9,600	65°F	43°F	32°F	26°F
M-40/277	11,080	75°F	50°F	37°F	30°F
M-50/240*	11,520	79°F	52°F	39°F	31°F

## INSTANT-TEMP® STANDARD FLOW (1.0 GPM FLOW RATE)

**Dimension:**  
7-5/16" (H) x 10-3/4" x 2-3/4"  
**Weight:** 8 lbs

**Material:** Rugged steel housing; Celcon plastic element assembly with nichrome coils

**Microprocessor Controlled:** YES

**Min. Operating Flow:** 1.0 GPM

**Operating Pressure:** Minimum 45 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



MODEL	WATTS	TEMPERATURE RISE AT:			
		1.0 GPM (OPTIMUM)	1.5 GPM	2.0 GPM	2.5 GPM
E-60_S/208	6,000	41°F	27°F	20°F	16°F
E-60_S/240*	6,000	41°F	27°F	20°F	16°F
E-60_S/277	6,000	41°F	27°F	20°F	16°F
E-70_S/208	7,000	48°F	31°F	23°F	19°F
E-90_S/240*	7,000	48°F	31°F	23°F	19°F
E-70_S/277	7,000	48°F	31°F	23°F	19°F
E-80_S/208	8,000	54°F	36°F	27°F	21°F
E-80_S/240*	8,000	54°F	36°F	27°F	21°F
E-80_S/277	8,000	54°F	36°F	27°F	21°F
E-90_S/240*	9,000	62°F	41°F	30°F	24°F
E-90_S/277	9,000	62°F	41°F	30°F	24°F

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

Complies with Standards for:



AB1953

### CHRONOMITE LABORATORIES, INC.

17451 Hurley St. :: City of Industry, CA 91744

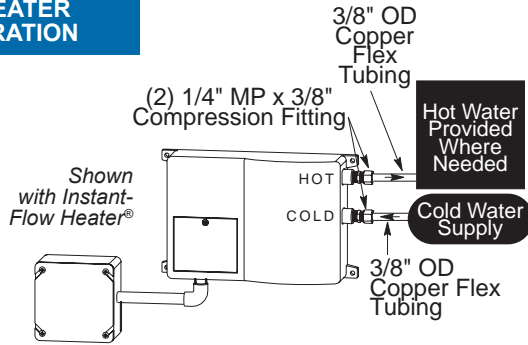
Phone 800-447-4962 :: 626-937-4270

Fax 626-937-4279 :: www.chronomite.com

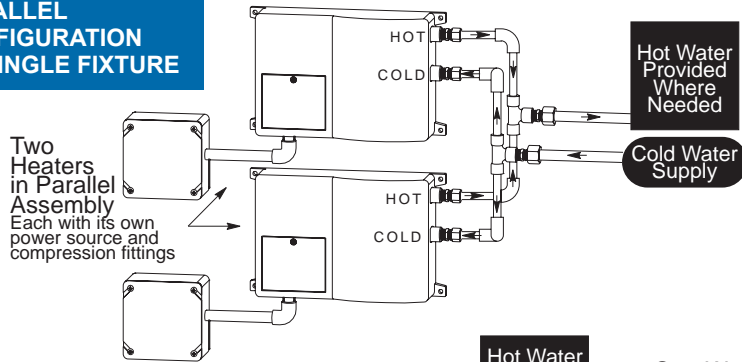
# SPECIAL APPLICATIONS

## INSTALLATION DIAGRAM

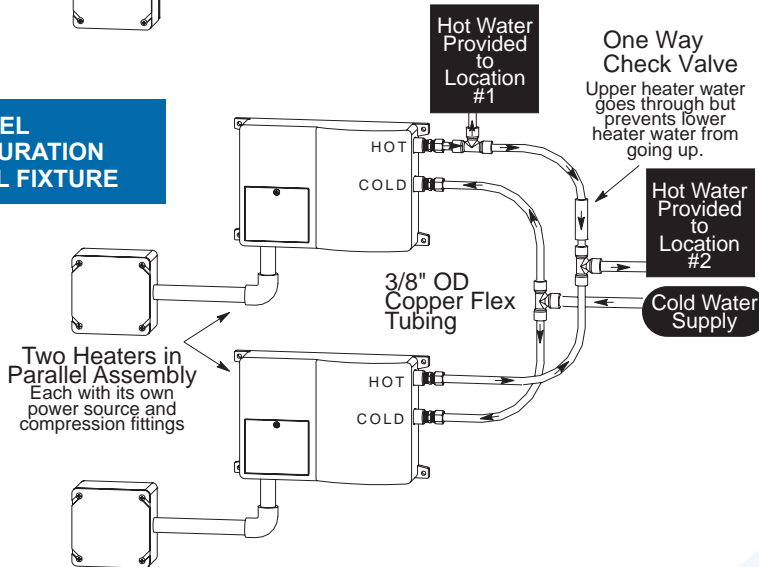
### SINGLE HEATER CONFIGURATION



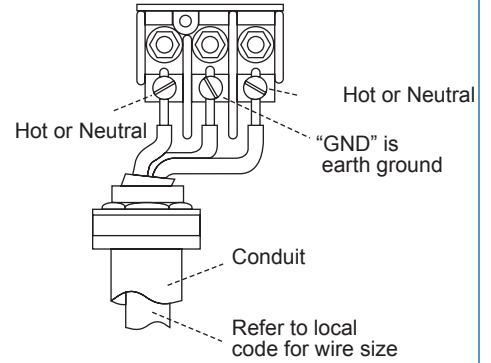
### PARALLEL CONFIGURATION TO SINGLE FIXTURE



### PARALLEL CONFIGURATION TO DUAL FIXTURE



### WIRING CONNECTION



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

### SPECIAL INSTRUCTIONS BEFORE INSTALLING HEATERS IN PARALLEL APPLICATION

- 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

**NOTE:** Additional heater(s) may be connected in parallel for more flow. Contact factory Chronomite for technical assistance.

Complies with Standards for:



AB1953

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