



# ELECTRIC TANKLESS WATER HEATER - LARGE CAPACITY

## ER SERIES - TWINS™ - HIGH ACTIVATION

**IDEAL APPLICATION: Eye/Face Wash**

### PRODUCT FEATURES

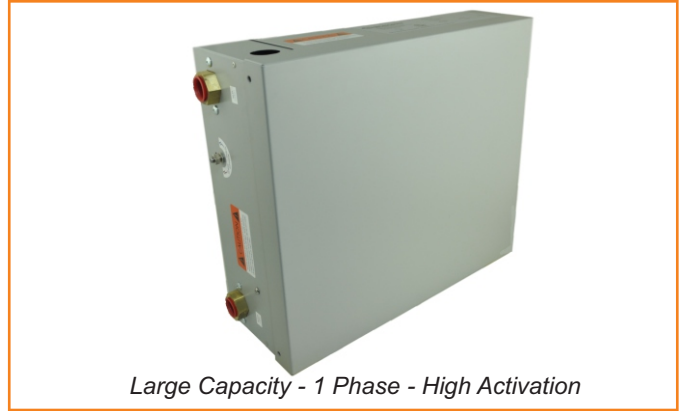
- Uses a digital microprocessor for temperature control  
*Ultra quick response times for temperature variations - 120 times per second. Microprocessor use is the most energy efficient means of heating water*
- Unlimited hot water
- Saves water and energy - 99% energy efficient
- Rugged steel housing (Standard)
- Space saving compact size:  
15-1/4" x 17-1/2" x 6-1/4"
- Meets applicable building codes including UL, UPC.
- Environmentally friendly
- Made in the U.S.A.
- 84°F preset temperature
- Flow friendly, minimum pressure drop  
(22.0 psid at 6.0 gpm)
- Tepid Water to Meet ANSI Z358.1

Chronomite Instant-Temp® - High Capacity - High Activation - H2 models are manufactured to provide reliable point-of-use hot water with flow rates from 1.8 gpm to 6.0 gpm. There is no pressure and temperature relief valve needed (unless required by code), saving time and money on installation.

**Housing** is fabricated from rugged Jet-Kote® grey steel.

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

**Heating Coils** are nichrome.



Large Capacity - 1 Phase - High Activation

### GUIDE SPECIFICATION

Tankless Water Heater shall be a Chronomite Laboratories Model

ER - \_\_\_\_\_ H / \_\_\_\_\_  
                    AMPS                      VOLTS                      WATTS

with

and

Unit shall be provided with Celcon waterways, and Nichrome heating coils. Temperature controlled by microprocessor.

### OPTIONS

- Satin Finish Stainless Steel Housing (SS)
- NEMA 4 Cabinet (N4)
- De-ionized (DI)
- Stainless Steel Enclosure (N4X)
- Digital Readout (DR)
- Y - Strainer (Y)
- Disconnect Switch Twins Single Phase (2095-2)

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

MODEL	CIRCUITS	TOTAL AMPS	1 Ø VOLTAGE	WATTS	ACTIVATION GPM	TEMP RISE @ 3 GPM	TEMP RISE @ 3.5 GPM	TEMP RISE @ 4 GPM
ER-60H/208_12500	2	60 ( 2 x 30 )	208	12500	1.8	28	24	21
ER-60H/240_14400	2	60 ( 2 x 30 )	240	14400	1.8	33	28	25
ER-60H/277_16600	2	60 ( 2 x 30 )	277	16600	1.8	38	32	28
ER-80H/208_16600	2	80 ( 2 x 40 )	208	16600	1.8	38	32	28
ER-80H/240_19200	2	80 ( 2 x 40 )	240	19200	1.8	44	37	33
ER-80H/277_22200	2	80 ( 2 x 40 )	277	22200	1.8	50	43	38



Member of U.S. Green Building Council



Water Conserving Product



Made in the USA

Complies with Standards for:

LISTED TO:  
UL STD 499  
IEC/EN 60335-1  
IEC/EN 60335-2-35  
  
CERTIFIED TO:  
CAN/CSA STD C22.2 NO. 88



Federal Public Law 111-380 (No Lead)

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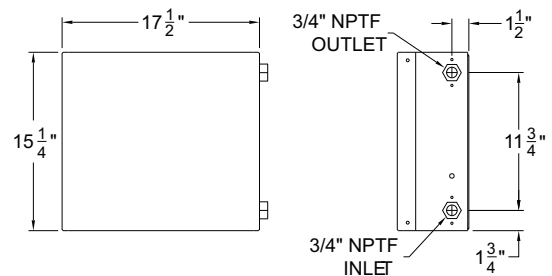
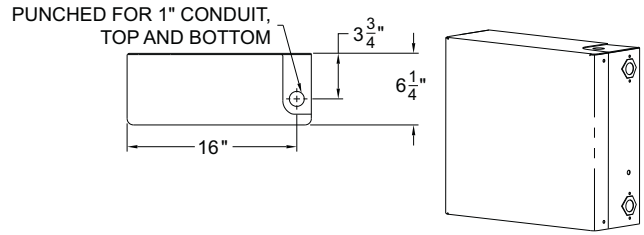
MEMBER OF



**TECHNICAL DIMENSIONS**

**INSTANT-TEMP - HIGH CAPACITY - HIGH ACTIVATION**

Dimensions:	15-1/4" x 17-1/2" x 6-1/4"
Weight:	24 LBS
Materials:	Rugged steel housing Celcon plastic element assembly with nichrome coils
Minimum Operating Flow Rate:	1.8 GPM
Minimum Operating Pressure:	25 PSI
Maximum Operating Pressure:	80 PSI
Maximum Pressure:	150 PSI
Maximum Operating Temperature:	160°F
Listing:	UL, UPC

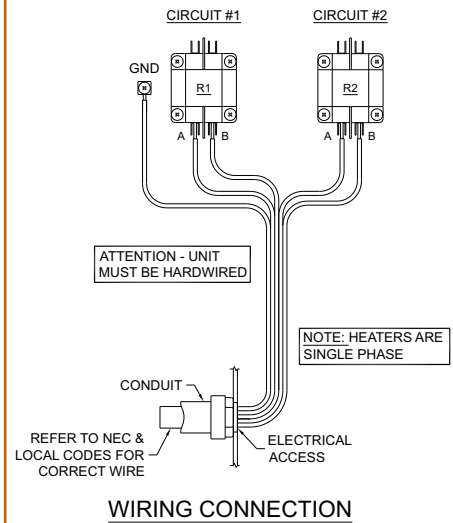
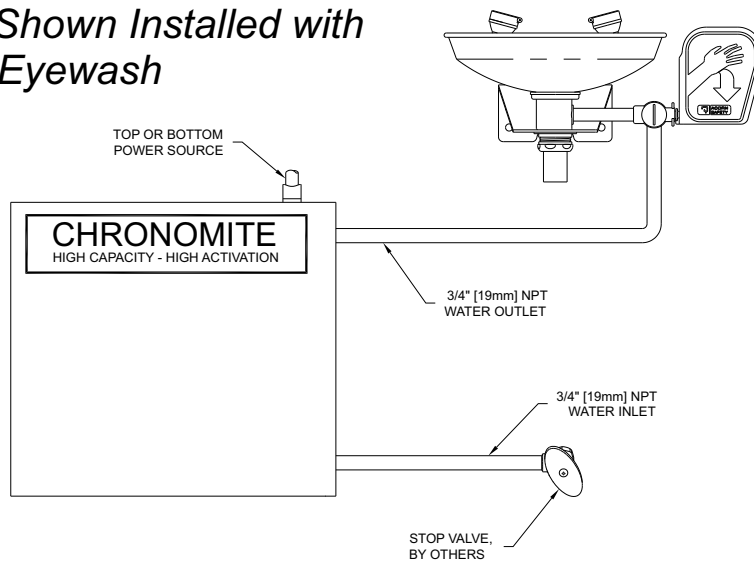


**GENERAL NOTES:**

- The microprocessor adjusts the heater's power for variations in flow rates, inlet water temperature and pressure to assure the selected water temperature
- 240V models when operated at 220V will have approximately a 15% wattage decrease
- 60-80 amp single phase units use qty 2 circuits

**INSTALLATION DIAGRAM**

Shown Installed with Eyewash



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SELECTION SUMMARY & APPROVAL FOR MANUFACTURING

Company \_\_\_\_\_

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

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

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

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