



**ELECTRIC TANKLESS WATER HEATER - LARGE CAPACITY**

**ER SERIES - TRIPLETS™ - HIGH ACTIVATION**

**IDEAL APPLICATIONS: 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  
*(25.0 psid at 8.0 gpm)*
- Tepid Water to Meet ANSI Z358.1



**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 Triplets Single Phase (2095-3)

Chronomite Instant-Temp® - High Capacity - High Activation - H3 models are manufactured to provide reliable point-of-use hot water with flow rates from 2.8 gpm to 8.0 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.

**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 @ 4 GPM | TEMP RISE @ 5 GPM | TEMP RISE @ 6 GPM |
|-------------------|----------|----------------|-------------|-------|----------------|-------------------|-------------------|-------------------|
| ER-90H/208_18700  | 3        | 90 ( 3 x 30 )  | 208         | 18700 | 2.8            | 32                | 26                | 21                |
| ER-90H/240_21600  | 3        | 90 ( 3 x 30 )  | 240         | 21600 | 2.8            | 37                | 30                | 25                |
| ER-90H/277_24900  | 3        | 90 ( 3 x 30 )  | 277         | 24900 | 2.8            | 43                | 34                | 28                |
| ER-120H/208_25000 | 3        | 120 ( 3 x 40 ) | 208         | 25000 | 2.8            | 43                | 34                | 28                |
| ER-120H/240_28800 | 3        | 120 ( 3 x 40 ) | 240         | 28800 | 2.8            | 49                | 39                | 33                |
| ER-120H/277_33300 | 3        | 120 ( 3 x 40 ) | 277         | 33300 | 2.8            | 57                | 45                | 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)

LISTED ELECTRIC HEATING APPLIANCE 214T

**CHRONOMITE LABORATORIES, INC.**

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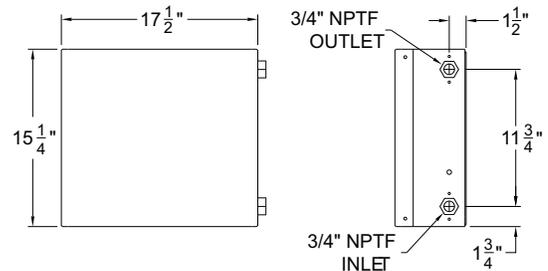
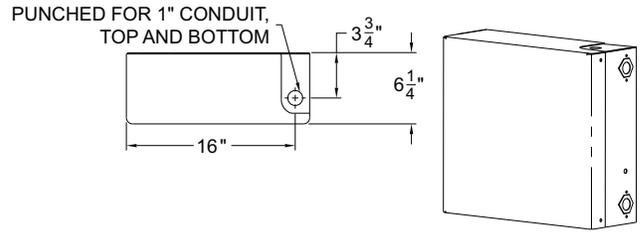
MEMBER OF



**TECHNICAL DIMENSIONS**

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

|                                |  |
|--------------------------------|--|
| Dimensions:                    | 15-1/4" x 17-1/2" x 6-1/4"   |
| Weight:                        | 26 LBS   |
| Materials:                     | Rugged steel housing<br>Celcon plastic element assembly<br>with nichrome coils |
| Minimum Operating Flow Rate:   | 2.8 GPM  |
| Minimum Operating Pressure:    | 25 PSI   |
| Maximum Operating Pressure:    | 80 PSI   |
| Maximum Pressure:              | 150 PSI  |
| Maximum Operating Temperature: | 160°F  |
| Listing:                       | UL, UPC  |

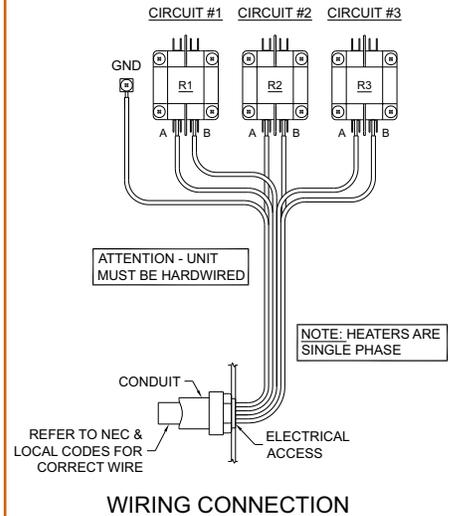
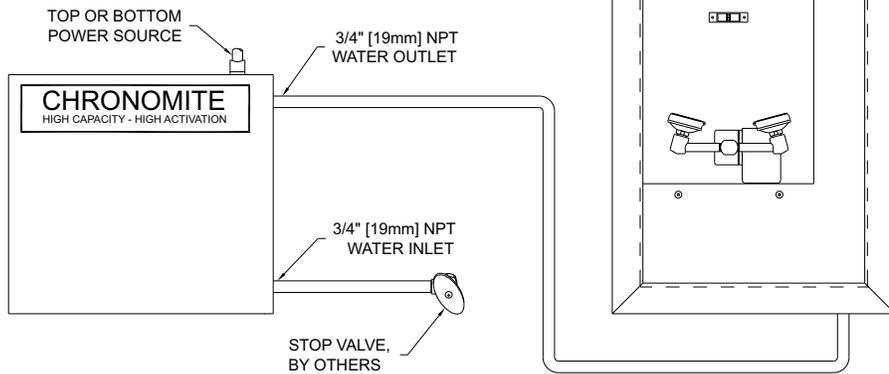


**GENERAL NOTES:**

- 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
- 90-120 amp single phase units use qty 3 circuits

**INSTALLATION DIAGRAM**

*Shown Installed with  
Eye/Face Wash*



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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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