



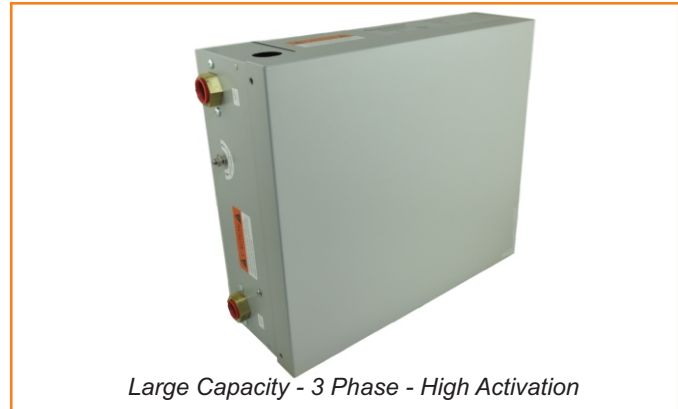
**ELECTRIC TANKLESS WATER HEATER - LARGE CAPACITY**

**ER SERIES - TRIPLETS™ - 3 PHASE - HIGH ACTIVATION**

**IDEAL APPLICATIONS: Emergency 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 tepid 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"  
(387 X 445 X 159mm)
- Meets applicable building codes including UL, UPC.
- Environmentally friendly
- Made in the U.S.A.
- 84°F (29°C) Preset Temperature
- Flow friendly, minimum pressure drop  
(25.0 PSID at 8.0 GPM)  
(172 kPaD at 30.3 LPM)
- Tepid Water to Meet ANSI Z358.1
- No solenoids, loss of power = Cold Water Bypass



Large Capacity - 3 Phase - High Activation

Chronomite Instant-Temp® - High Capacity - 3 Phase - High Activation - H3 models are manufactured to provide reliable hot water with flow rates from 2.8 GPM to 8.0 GPM (10.6 LPM to 30.3 LPM). 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 gray steel.

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

**Heating Coils** are nichrome.

**GUIDE SPECIFICATION**

Tankless Water Heater shall be a Chronomite Laboratories Model

ER - \_\_\_\_\_ H / \_\_\_\_\_ \_ 3P  
VOLTS

with \_\_\_\_\_ AMPS/PHASE and \_\_\_\_\_ Volts

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

**OPTIONS**

- Satin Finish Stainless Steel Housing (SS)
- De-ionized (DI)
- Factory Preset (F)
- Auxiliary Contact (A)
- Digital Readout (DR)
- Y - Strainer (Y)
- Disconnect Switch, Rotary 80A - Lockable Nema 4X (2095-4)
- NEMA 4 Cabinet (N4)
- NEMA 4X Cabinet (N4X)



Member of U.S. Green Building Council



Water Conserving Product



Made in the USA

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

MODEL	AMPS/PHASE	3 Ø VOLTAGE	WATTS	ACTIVATION GPM	TEMP RISE @ 4 GPM	TEMP RISE @ 6 GPM	TEMP RISE @ 8 GPM
ER-90H/208_3P	52	208	18700	2.8	32	21	16
ER-42H/480_3P	24	480	20000	2.8	34	23	17
ER-90H/240_3P	52	240	21600	2.8	37	25	18
ER-50H/480_3P	29	480	24000	2.8	41	27	20
ER-120H/208_3P	69	208	24960	2.8	43	28	21
ER-120H/240_3P	69	240	28800	2.8	49	33	25
ER-60H/480_3P	35	480	28800	2.8	49	33	25
ER-67H/480_3P	38	480	32000	2.8	55	36	27
ER-90H/480_3P	52	480	43200	2.8	74	49	37
ER-120H/480_3P	69	480	57600	2.8	98	66	49

Complies with Standards for:



Federal Public Law 111-380 (No Lead)



**CHRONOMITE LABORATORIES, INC.**

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MEMBER OF



MORRIS GROUP INTERNATIONAL

## ER SERIES - TRIPLETS™ - 3 PHASE - HIGH ACTIVATION

### HIGH ACTIVATION-ER-3P SERIES / TRIPLETS METRIC CHART

MODEL	AMPS/PHASE	3 Ø VOLTAGE	WATTS	ACTIVATION LPM	TEMP RISE @ 16.00 LPM	TEMP RISE @ 23.00 LPM	TEMP RISE @ 30.00 LPM
ER-60H/380_3P	35	380	22800	10.6	20	14	11
ER-60H/415_3P	35	415	24900	10.6	22	16	12
ER-43H/600_3P	25	600	25600	10.6	23	16	12
ER-90H/380_3P	52	380	34200	10.6	31	21	16
ER-90H/415_3P	52	415	37350	10.6	34	23	18
ER-64H/600_3P	37	600	38300	10.6	34	24	18
ER-120H/380_3P	69	380	45600	10.6	41	28	22
ER-120H/415_3P	69	415	49800	10.6	45	31	24
ER-85H/600_3P	49	600	51100	10.6	46	32	24
ER-120H/600_3P	69	600	72000	10.6	65	45	34

### TECHNICAL DIMENSIONS

#### LARGE CAPACITY - 3 PHASE- HIGH ACTIVATION

Dimensions: 387 x 445 x 159mm

Weight: 11.8 Kg

Materials: Rugged steel housing  
Celcon plastic element assembly with nichrome coils

Minimum Operating Flow Rate: 10.6 LPM

Minimum Operating Pressure: 172 kPa

Maximum Operating Pressure: 552 kPa

Maximum Pressure: 1034 kPa

Maximum Water Temperature: 29°C

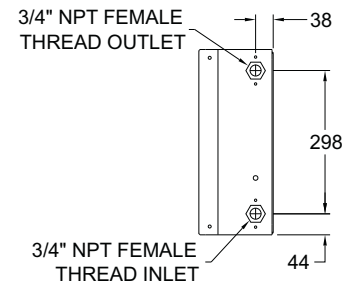
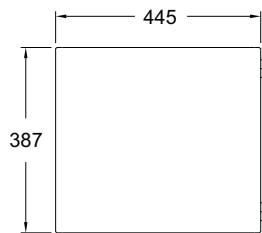
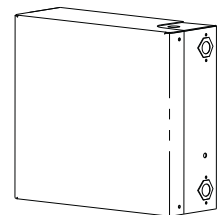
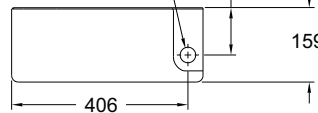
Maximum Ambient Operating Temperature: 60°C

Listing: ETL

#### 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.

PUNCHED FOR ELECTRICAL CONDUIT PG 29 TOP AND BOTTOM



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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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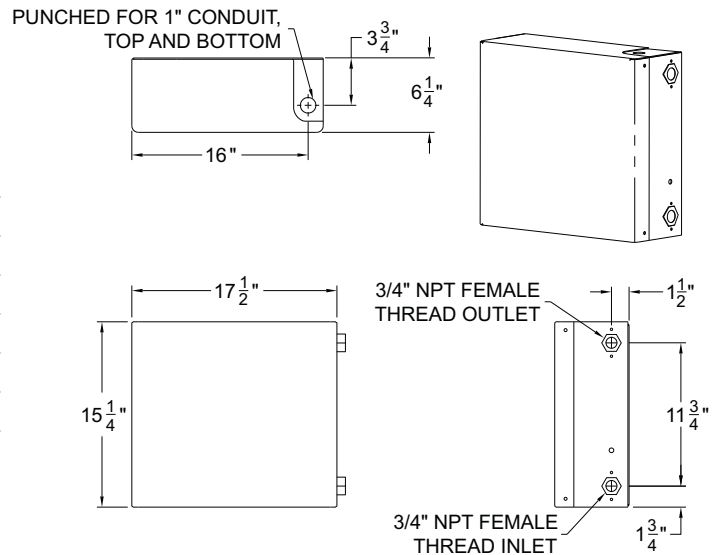
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**ER SERIES - TRIPLETS™ - 3 PHASE - HIGH ACTIVATION**

**TECHNICAL DIMENSIONS**

**LARGE CAPACITY - 3 PHASE - HIGH ACTIVATION**

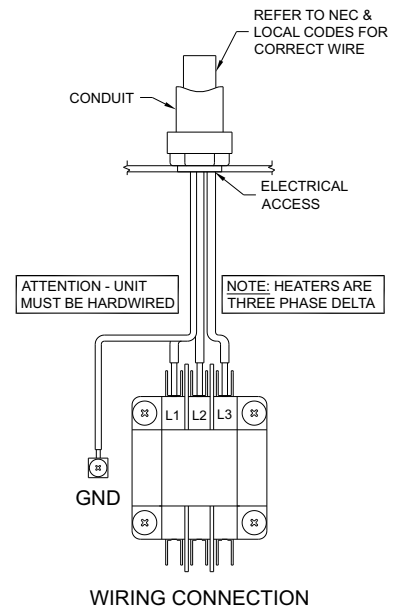
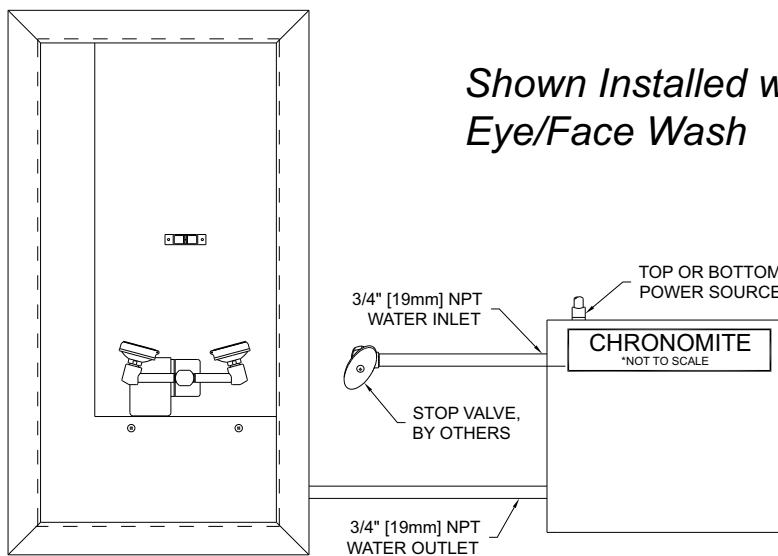
Dimensions:	15-1/4" x 17-1/2" x 6-1/4"
Weight:	26 LBS
Materials:	Rugged steel housing Celcon plastic element assembly with nichrome coils
Minimum Operating Flow Rate:	2.8 GPM
Minimum Operating Pressure:	25 PSI
Maximum Operating Pressure:	80 PSI
Maximum Pressure:	150 PSI
Maximum Water Temperature:	84°F
Maximum Operating Temperature:	140°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

**INSTALLATION DIAGRAM**



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