



**ELECTRIC TANKLESS WATER HEATER - LARGE CAPACITY**

**BOXER™ - 3 PHASE - LOW ACTIVATION**

**TYPICAL APPLICATIONS:**  
Eye/Face Drench Shower

**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 stainless steel housing (Standard)
- Space saving compact size: 26-3/4" x 21" x 7-1/2"
- Safety Features – Quantity 9 independent heater modules, each having a PID controller, flow switch, dual fuse protection, and high limit thermostat. 9 modules are divided into 3 main sections electrically and can be manually reset if the temperature limit is exceeded.
- No solenoids, loss of power = Cold Water Bypass
- Meets applicable building codes including UL, UPC
- Environmentally friendly
- Made in the U.S.A.
- User adjustable temperature 70°F - 125°F (Standard)
- Other Factory preset temperature available select single temperature between 90°F - 160°F
- 84°F preset temperature to meet ANSI Z358.1

Chronomite - Boxer™ - 3 Phase - Low Activation - L9 models are manufactured to provide reliable tepid water with flow rates from 2.6 gpm to 30.0 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 stainless 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.**



Chronomite - Boxer™ - 3 Phase - Low Activation

**GUIDE SPECIFICATION**

Tankless Water Heater shall be a Chronomite Laboratories Model

**ERB - \_\_\_\_\_ L / \_\_\_\_\_ VOLTS - 3P**

with

**AMPS/  
PHASE**

**OPTIONS**

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

**OPTIONS**

- Factory Preset (F)
- De-ionized (Di)
- Auxiliary Contact (A)
- GFCI (G)
- Y - Strainer (Y)
- Siren and Beacon (Z)\*
- Booster Pump (V)\*
- Digital Readout (DR)
- Freeze Protection [-35°F] (B)\*\*
- Disconnect Switch, Non-Fused (U)\*\*
- Disconnect Switch Fused (J)\*\*
- Explosion Proof (K) [C1D2 Compliant]\*
- Nema 4 Cabinet (N4)  
\*(30" x 24" x 10.75")  
\*\*(30" x 30" x 10.75")
- Nema 4X Cabinet (N4X)  
\*(30" x 24" x 10.75")  
\*\*(30" x 30" x 10.75")
- Nema 4X 316 Cabinet (X6)  
\*(30" x 24" x 10.75")  
\*\*(30" x 30" x 10.75")

\* Requires (30" x 24" x 10.75") Cabinet

\*\* Requires (30" x 30" x 10.75") Cabinet

MODEL	AMPS/PHASE	3 Ø VOLTAGE	WATTS	ACTIVATION GPM	°F TEMPERATURE RISE @		
					20 GPM	23 GPM	30 GPM
ERB-180L/208_3P	104	208	37400	2.6	13	11	9
ERB-270L/208_3P	156	208	56200	2.6	19	17	13
ERB-308L/208_3P	178	208	64000	2.6	22	19	15
ERB-360L/208_3P	208	208	75000	2.6	26	22	17
ERB-360L/240_3P	208	240	86000	2.6	29	26	20
ERB-81L/480_3P	47	480	39000	2.6	13	12	9
ERB-100L/480_3P	58	480	48000	2.6	16	14	11
ERB-113L/480_3P	65	480	54000	2.6	18	16	12
ERB-131L/480_3P	76	480	63000	2.6	22	19	14
ERB-160L/480_3P	93	480	77000	2.6	26	23	18
ERB-240L/480_3P	139	480	115000	2.6	39	34	26
ERB-320L/480_3P	185	480	154000	2.6	53	46	35

**Complies with Standards for:**

LISTED TO: UL STD 499



Federal Public Law 111-350 (No Lead)

CALGreen

CERTIFIED TO: CAN/CSA STD C22.2 NO. 88

LISTED ELECTRIC HEATING APPLIANCE 214T

Intertek 5001365

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MEMBER OF



MORRIS GROUP INTERNATIONAL



**ELECTRIC TANKLESS WATER HEATER - LARGE CAPACITY**

**BOXER™ - 3 PHASE - LOW ACTIVATION**

**LOW ACTIVATION METRIC CHART**

MODEL	AMPS/PHASE	3 Ø VOLTAGE	WATTS	ACTIVATION LPM	°C TEMPERATURE RISE @		
					75 LPM	87 LPM	114 LPM
ERB-180L/380_3P	104	380	68400	9.8	13	11	9
ERB-270L/380_3P	156	380	102600	9.8	20	17	13
ERB-360L/380_3P	208	380	136800	9.8	26	23	17
ERB-180L/415_3P	104	415	74700	9.8	14	12	9
ERB-270L/415_3P	156	415	112100	9.8	21	19	14
ERB-360L/415_3P	208	415	149400	9.8	29	25	19
ERB-128L/600_3P	74	600	77000	9.8	15	13	10
ERB-192L/600_3P	111	600	115000	9.8	22	19	14
ERB-256L/600_3P	148	600	154000	9.8	29	25	19

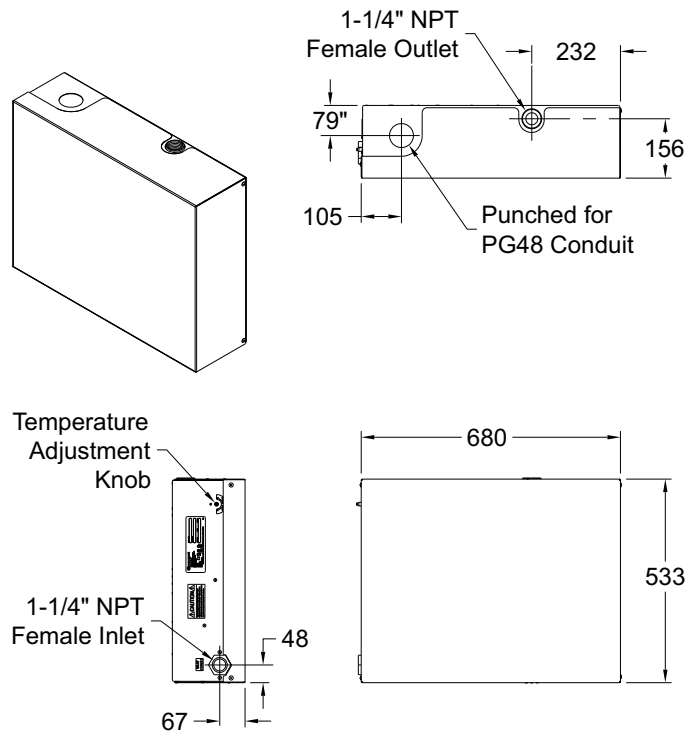
**TECHNICAL DIMENSIONS**

**CHRONOMITE - BOXER™ - 3 PHASE - LOW ACTIVATION**

Dimensions:	533 (H) x 679 x 191mm
Weight:	34.5 Kg
Materials:	Rugged Stainless Steel Housing Celcon Plastic Element Assembly with Nichrome Coils
Housing Color:	Stainless Steel
Minimum Operating Flow Rate:	9.8 LPM
Minimum Operating Pressure:	172 kPa
Maximum Operating Pressure:	552 kPa
Maximum Pressure:	1034 kPa
Maximum Water Temperature:	71°C
Maximum Ambient Operating Temperature:	60°C
Listing:	UL, IAPMO, UPC, ADA, ETL

**GENERAL NOTES:**

- † The microprocessor adjusts the heater's power for variations in flow rates, inlet water temperature and pressure to assure the selected factory preset water temperature.
- † 240V models when operated at 220V will have approximately a 15% wattage decrease.



Member of  
U.S. Green  
Building Council



Water  
Conserving  
Product



Made in  
the USA

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SELECTION SUMMARY  
& APPROVAL FOR  
MANUFACTURING

Company \_\_\_\_\_

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

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

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

**CHRONOMITE**  
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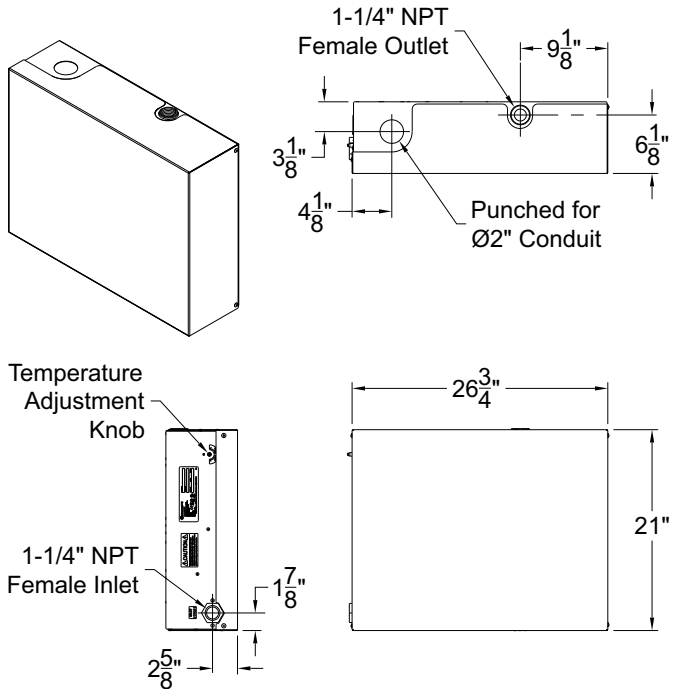
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# BOXER™ - 3 PHASE - LOW ACTIVATION

## TECHNICAL DIMENSIONS

### CHRONOMITE - BOXER™ - 3 PHASE - LOW ACTIVATION

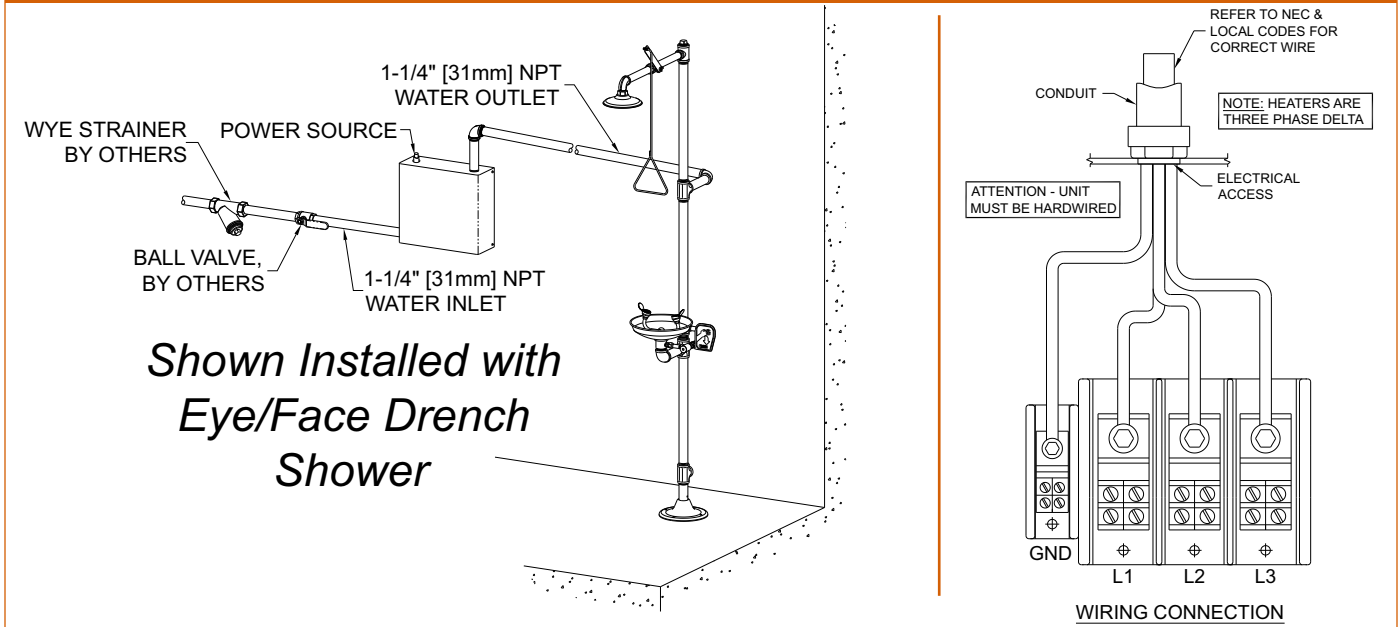
Dimensions:	21" (H) x 26-3/4" x 7-1/2"
Weight:	76 LBS
Materials:	Rugged Stainless Steel Housing Celcon Plastic Element Assembly with Nichrome Coils
Housing Color:	White
Minimum Operating Flow Rate:	2.6 GPM
Minimum Operating Pressure:	25 PSI
Maximum Operating Pressure:	80 PSI
Maximum Pressure:	150 PSI
Maximum Water Temperature:	160°F
Maximum Ambient Operating Temperature:	140°F
Listing:	UL, IAPMO, UPC, ADA, ETL



### GENERAL NOTES:

- † The microprocessor adjusts the heater's power for variations in flow rates, inlet water temperature and pressure to assure the selected factory preset water temperature.
- † 240V models when operated at 220V will have approximately a 15% wattage decrease.

## INSTALLATION DIAGRAM



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Company \_\_\_\_\_

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