



ELECTRIC TANKLESS WATER HEATER - LARGE CAPACITY

BOXER® - 3 PHASE - STANDARD ACTIVATION

TYPICAL APPLICATIONS: Tank Heating

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" (Std)
- 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

Chronomite - Boxer® - 3 Phase - Standard Activation - S9 models are manufactured to provide reliable hot water with flow rates from 6.0 gpm to 20.0 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.



Chronomite - Boxer® - 3 Phase - Standard Activation

GUIDE SPECIFICATION

Tankless Water Heater shall be a Chronomite Laboratories Model

ERB - S / - 3P
VOLTS

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

OPTIONS

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

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

MODEL	AMPS/PHASE	3 AE VOLTAGE	WATTS	ACTIVATION GPM	°F TEMPERATURE RISE @		
					12 GPM	15 GPM	20 GPM
ERB-180S/208_3P	104	208	37400	6	21	17	13
ERB-270S/208_3P	156	208	56200	6	32	26	19
ERB-308S/208_3P	178	208	64000	6	36	29	22
ERB-360S/208_3P	208	208	75000	6	43	34	26
ERB-360S/240_3P	208	240	86000	6	49	39	29
ERB-81S/480_3P	47	480	39000	6	22	18	13
ERB-100S/480_3P	58	480	48000	6	27	22	16
ERB-113S/480_3P	65	480	54000	6	31	25	18
ERB-131S/480_3P	76	480	63000	6	36	29	22
ERB-160S/480_3P	93	480	77000	6	44	35	26
ERB-240S/480_3P	139	480	115000	6	65	52	39
ERB-320S/480_3P	185	480	154000	6	88	70	53

Complies with Standards for:

LISTED TO:
UL STD 499



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

MEMBER OF





Since 1966

ELECTRIC TANKLESS WATER HEATER - LARGE CAPACITY

BOXER® - 3 PHASE - STANDARD ACTIVATION

STANDARD ACTIVATION METRIC CHART

MODEL	AMPS/PHASE	3 Φ VOLTAGE	WATTS	ACTIVATION LPM	°C TEMPERATURE RISE @		
					45 LPM	57 LPM	75 LPM
ERB-180S/380_3P	104	380	68400	22.7	22	17	13
ERB-270S/380_3P	156	380	102600	22.7	33	26	20
ERB-360S/380_3P	208	380	136800	22.7	44	34	26
ERB-180S/415_3P	104	415	74700	22.7	24	19	14
ERB-270S/415_3P	156	415	112100	22.7	36	28	21
ERB-360S/415_3P	208	415	149400	22.7	48	38	29
ERB-128S/600_3P	74	600	77000	22.7	25	19	15
ERB-192S/600_3P	111	600	115000	22.7	37	29	22
ERB-256S/600_3P	148	600	154000	22.7	49	39	29

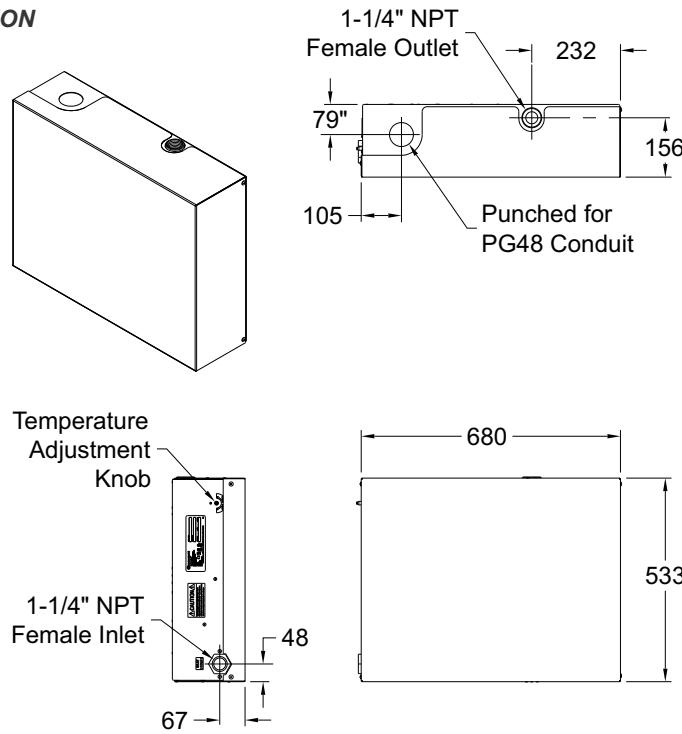
TECHNICAL DIMENSIONS

CHRONOMITE - BOXER® - 3 PHASE - STANDARD 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:	22.7 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 CouncilWater
Conserving
ProductMade in
the USA

SELECTION SUMMARY & APPROVAL FOR MANUFACTURING	Company _____	
	Model Number & Options _____	Quantity _____
	Contact _____	Title _____
	Signature (Approval for Manufacturing) _____	Date _____

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626-937-4270
FAX 626-937-4279
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B-3P-SA3 06/27/2025



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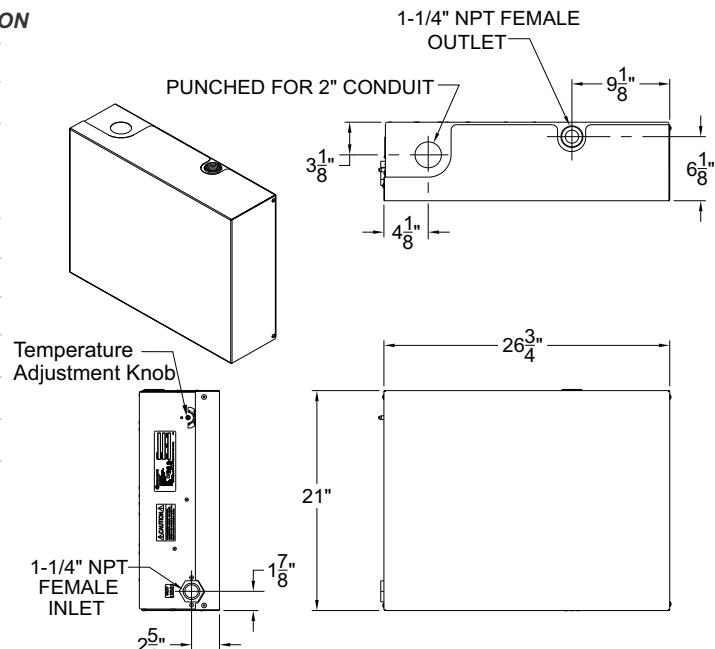
TECHNICAL DIMENSIONS

CHRONOMITE - BOXER® - 3 PHASE - STANDARD ACTIVATION

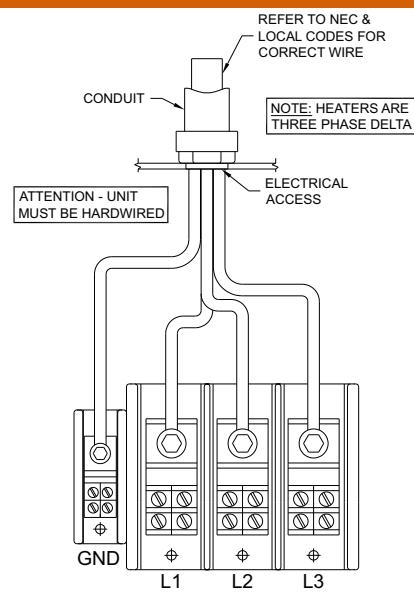
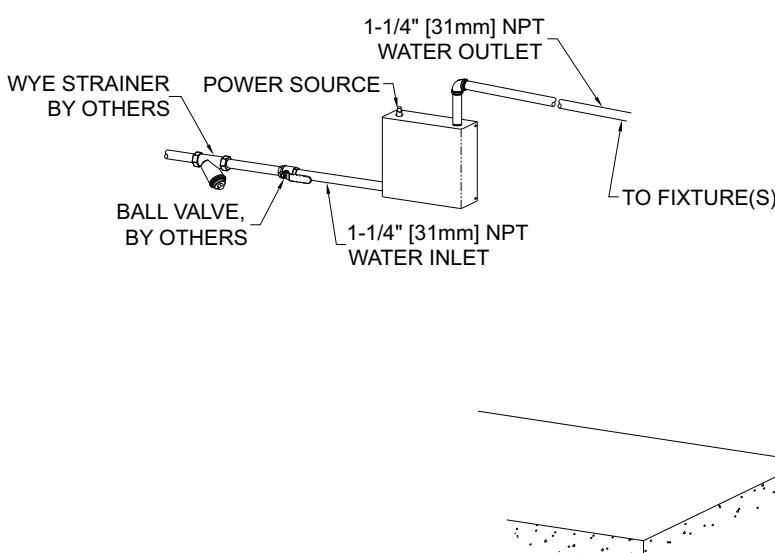
Dimensions:	26-3/4" x 21" x 7-1/2"
Weight:	76 LBS
Materials:	Rugged stainless steel housing Celcon plastic element assembly with Nichrome coils
Minimum Operating Flow Rate:	6.0 GPM
Minimum Operating Pressure:	25 PSI
Maximum Operating Pressure:	80 PSI
Maximum Pressure:	150 PSI
Maximum Operating Temperature:	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
- For EFD units - order ERB-L9 series option (F) with 84°F water



INSTALLATION DIAGRAM



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**SELECTION SUMMARY
& APPROVAL FOR
MANUFACTURING**

Company _____

Model Number & Options _____ Quantity _____

Contact _____ Title _____

Signature _____ Date _____
(Approval for
Manufacturing)

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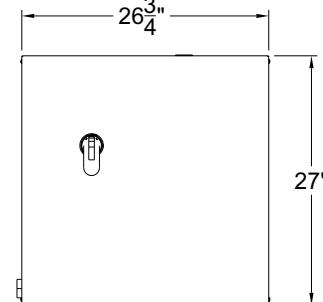
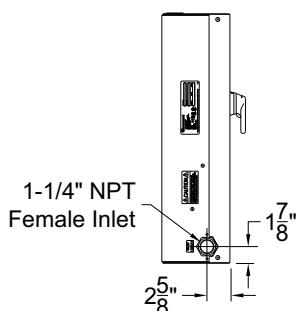
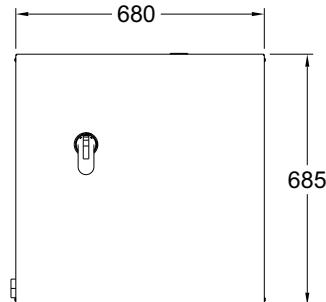
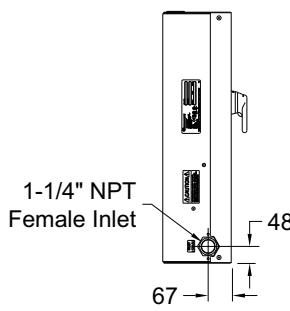
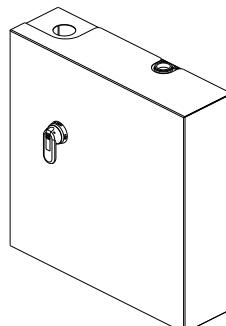
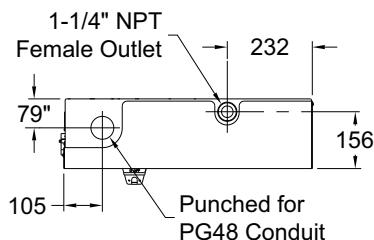
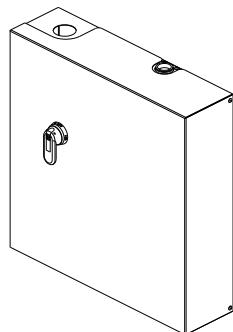


Since 1966

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BOXER® - 3 PHASE - STANDARD ACTIVATION

BOXER® WITH DISCONNECT SWITCH, FUSED (J) OR NON-FUSED (U) OPTIONS



Dimensions in Millimeters

Dimensions in Inches

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