



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"
- 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.

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



Chronomite - Boxer™ - 3 Phase - Standard Activation

GUIDE SPECIFICATION

Tankless Water Heater shall be a Chronomite Laboratories Model

ERB - _____ S / _____ 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 @		
					12 GPM	23 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
 CERTIFIED TO: CAN/CSA STD C22.2 NO. 88

 OPERATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL CONTRACTORS
 LISTED ELECTRIC HEATING APPLIANCE 214T
 Intertek 5001365
 Federal Public Law 111-350 (No Lead)
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 MORRIS GROUP INTERNATIONAL

BOXER™ - 3 PHASE - STANDARD ACTIVATION

STANDARD ACTIVATION METRIC CHART

MODEL	AMPS/PHASE	3 Ø VOLTAGE	WATTS	ACTIVATION LPM	°C TEMPERATURE RISE @		
					75 LPM	87 LPM	114 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

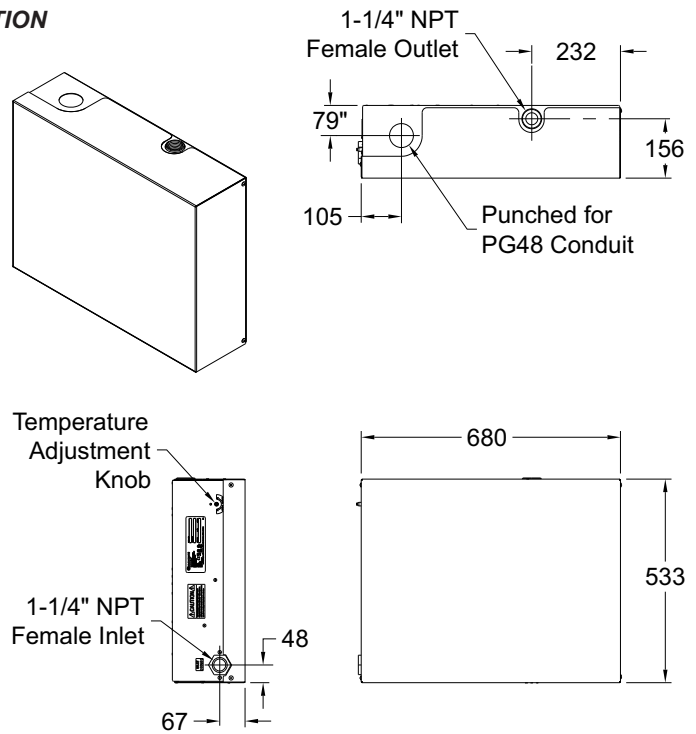
TECHNICAL DIMENSIONS

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 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
LABORATORIES, INC.

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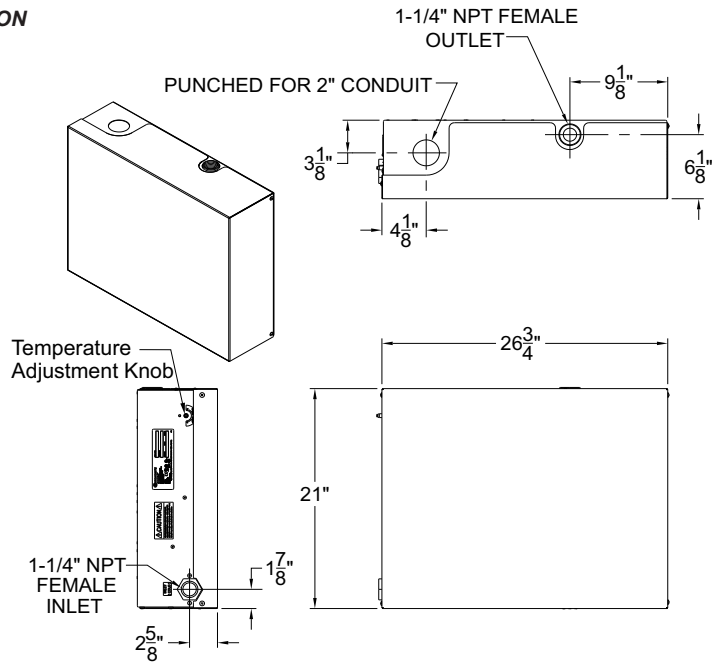
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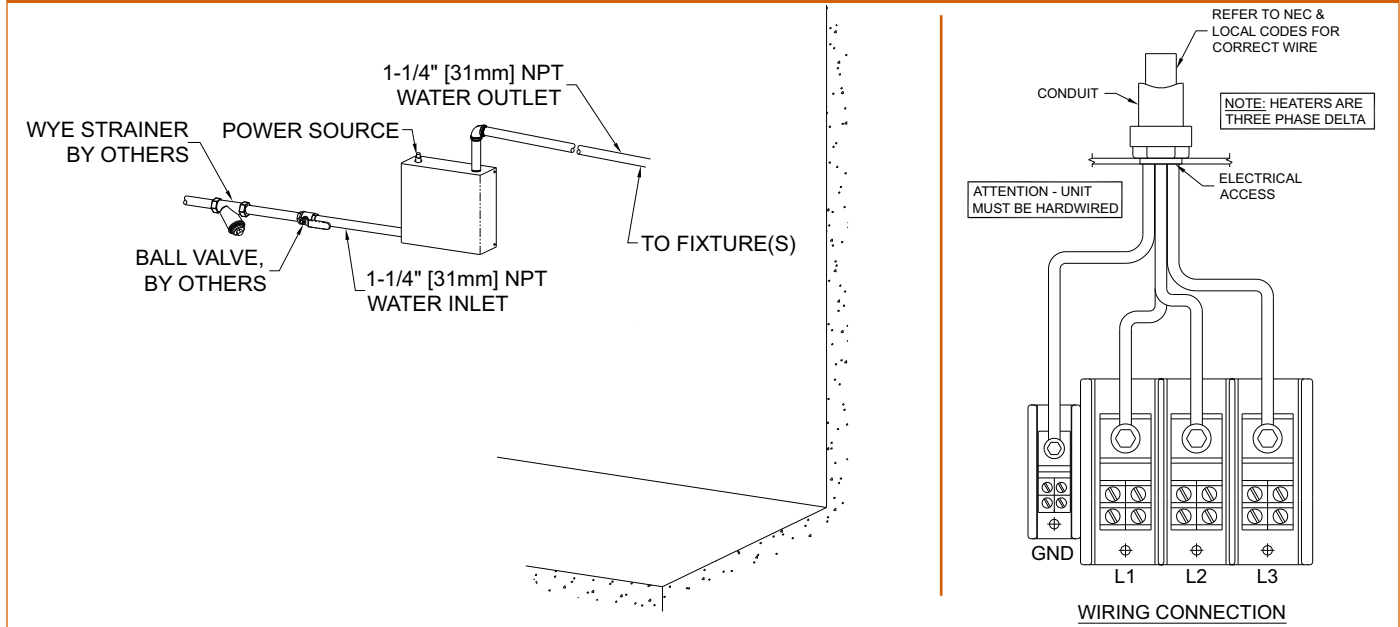
Dimensions:	26-3/4" x 21" x 7-1/2"
Weight:	76 LBS
Materials:	Rugged stainless steel housing Celcon plastic element assembly with Nichrome coils
Minimum Operating Flow Rate:	6.0 GPM
Minimum Operating Pressure:	25 PSI
Maximum Operating Pressure:	80 PSI
Maximum Pressure:	150 PSI
Maximum Operating Temperature:	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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