

ER SERIES - TRIPLETS™ - LOW ACTIVATION

IDEAL APPLICATIONS: Showers, Mop Sink, Whole Home

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
- Ideal for sensor /hands-free faucets, no mixing valve needed
- Saves water and energy - 99% energy efficient
- Works on low flow
- 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.
- User adjustable temperature 70°F-125°F (Standard)
- Optional factory preset temperature available, Select single temperature between 90°F-160°F
- Multiple applications handled with one heater

Chronomite Instant-Temp[®] - High Capacity - Low Activation - L3 models are manufactured to provide reliable point-of-use hot water with flow rate from 0.35 gpm to 4.5 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.



GUIDE SPECIFICATION

Tankless Water Heater shall be a Chronomite Laboratories Model

ER - _____ L / _____ - _____
 AMPS VOLTS WATTS

with _____ Amps and _____ Volts

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)
- Factory Preset (F)
- Stainless Steel Enclosure (N4X)
- Digital Readout (DR)
- Y - Strainer (Y)
- Disconnect Switch Triplets Single Phase (2095-3)

MODEL	CIRCUITS	TOTAL AMPS	1 Ø VOLTAGE	WATTS	ACTIVATION GPM	TEMP RISE @ 2.50 GPM	TEMP RISE @ 3.50 GPM	TEMP RISE @ 4.50 GPM
ER-90L/208_18700	3	90 (3 x 30)	208	18700	0.35	51	37	28
ER-90L/240_21600	3	90 (3 x 30)	240	21600	0.35	59	42	33
ER-90L/277_24900	3	90 (3 x 30)	277	24900	0.35	68	49	38
ER-120L/208_25000	3	120 (3 x 40)	208	25000	0.35	68	49	38
ER-120L/240_28800	3	120 (3 x 40)	240	28800	0.35	79	56	44
ER-120L/277_33300	3	120 (3 x 40)	277	33300	0.35	91	65	50



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)

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MEMBER OF



ER SERIES - TRIPLETS™ - LOW ACTIVATION

LOW ACTIVATION-ER SERIES / TRIPLETS METRIC CHART

MODEL	CIRCUITS	TOTAL AMPS	1 Ø VOLTAGE	WATTS	ACTIVATION LPM	TEMP RISE @ 9.50 LPM	TEMP RISE @ 13.25 LPM	TEMP RISE @ 17.00 LPM
ER-90L/208_18700	3	90 (3 x 30)	208	18700	1.30	28	20	16
ER-90L/240_21600	3	90 (3 x 30)	240	21600	1.30	33	23	18
ER-90L/277_24900	3	90 (3 x 30)	277	24900	1.30	38	27	21
ER-120L/208_25000	3	120 (3 x 40)	208	25000	1.30	38	27	21
ER-120L/240_28800	3	120 (3 x 40)	240	28800	1.30	44	31	24
ER-120L/277_33300	3	120 (3 x 40)	277	33300	1.30	50	36	28

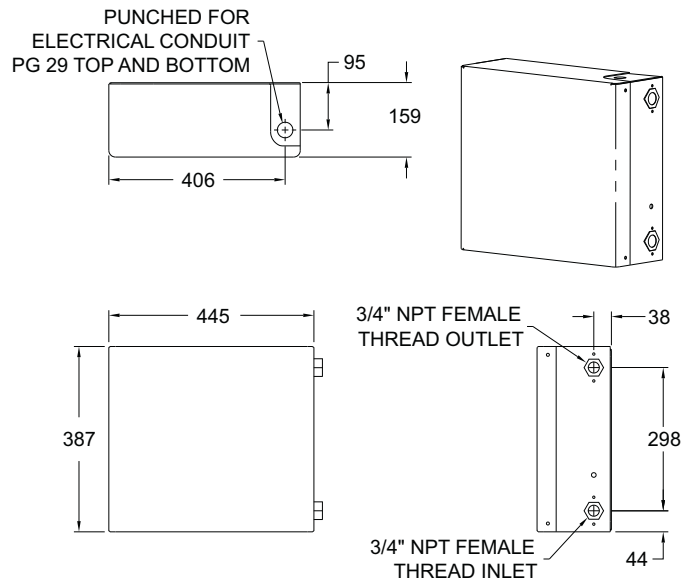
TECHNICAL DIMENSIONS

LARGE CAPACITY - LOW 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:	1.3 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:	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.



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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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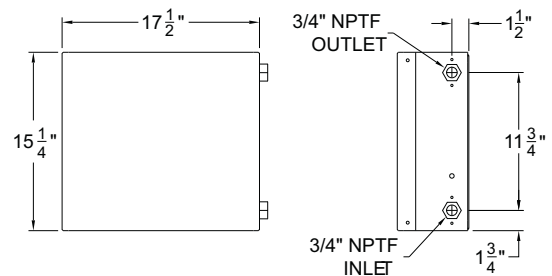
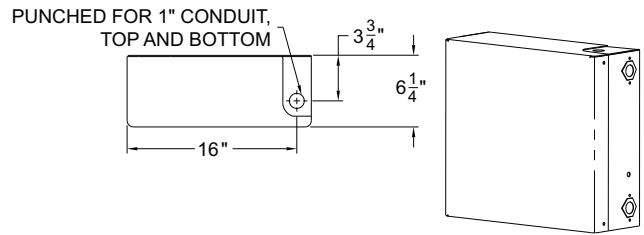
TECHNICAL DIMENSIONS

LARGE CAPACITY - LOW ACTIVATION

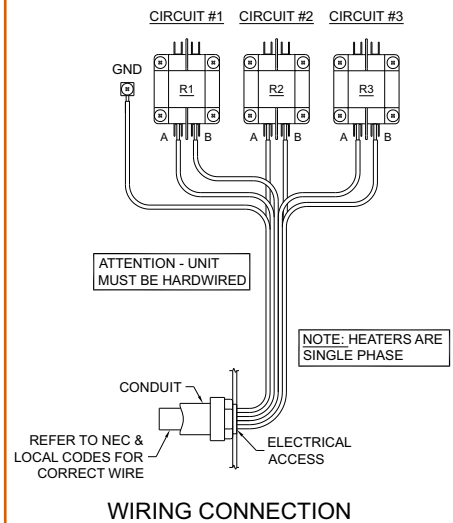
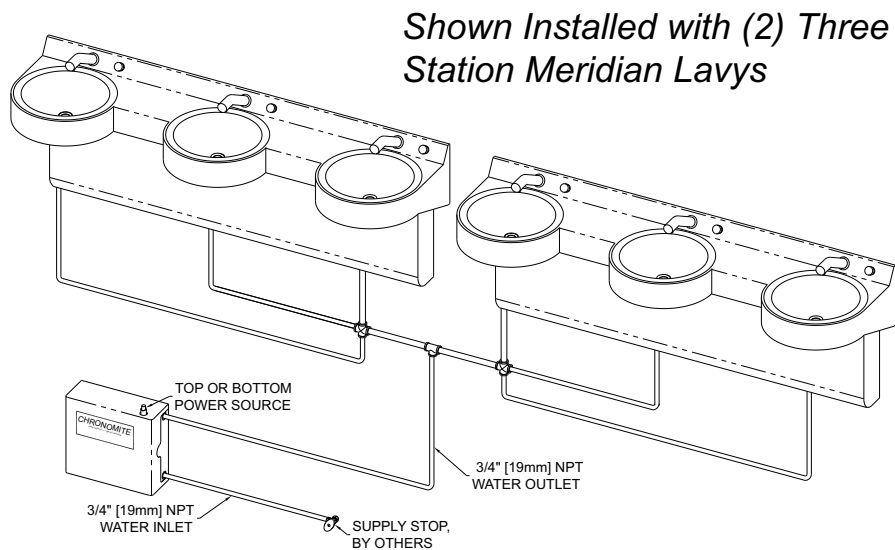
Dimensions:	15-1/4" x 17-1/2" x 6-1/4"
Weight:	26 LBS
Materials:	Rugged steel housing Celcon plastic element assembly with nichrome coils
Minimum Operating Flow Rate:	0.35 GPM
Minimum Pressure:	25 PSI
Maximum Operating Pressure:	80 PSI
Maximum Pressure	150 PSI
Maximum Operating Temperature:	160°F
Listing:	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



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