



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

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.



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.



Large Capacity - 3 Phase - High Activation

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)
- Siren and Beacon (Z)*
- GFCI (G)**
- Freeze Protection [-35°F] (B)**
- Disconnect Switch, Non-Fused (U)**
- Disconnect Switch Fused (J)**
- Explosion Proof (K) [C1D2 Compliant]*
- Legs (L)*/**
- Y - Strainer (Y)
- Wall Mount Eye/Face Wash SS Bowl (S0440)
- Recessed Wall Mount Eye/Face Wash SS Cabinet (S0560)
- Disconnect Switch, External, Rotary 80A - Lockable Nema 4X (2095-4)
- NEMA 4 Cabinet (N4)
*(20" x 20" x 8.75")
**(30" x 24" x 8.75")
- NEMA 4X Cabinet (N4X)
*(20" x 20" x 8.75")
**(30" x 24" x 8.75")
- NEMA 4X 316 Cabinet (X6)
*(20" x 20" x 8.75")
**(30" x 24" x 8.75")
* Requires (20" x 20" x 8.75") Cabinet
** Requires (30" x 24" x 8.75") Cabinet

MODEL	AMPS/PHASE	3 ∅ 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 ∅ 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

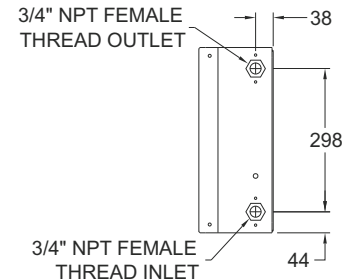
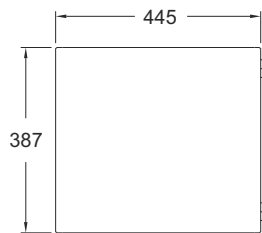
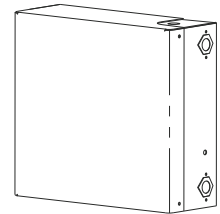
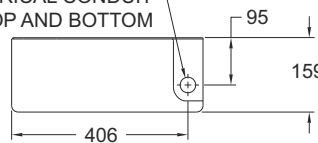
Maximum Ambient Operating Temperature: 60°C

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



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 _____

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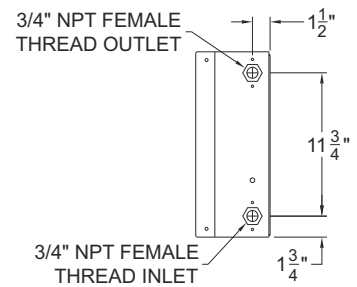
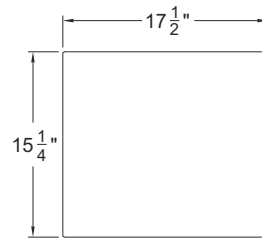
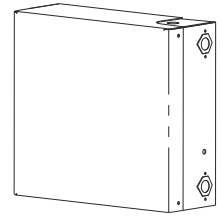
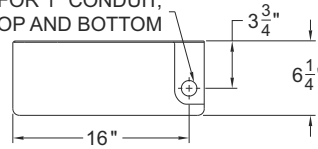
ER SERIES - TRIPLETS™ - 3 PHASE - HIGH ACTIVATION

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

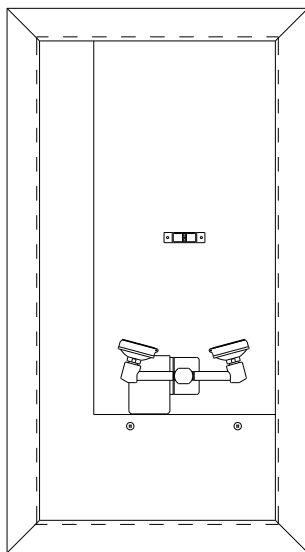
PUNCHED FOR 1" CONDUIT,
TOP AND BOTTOM



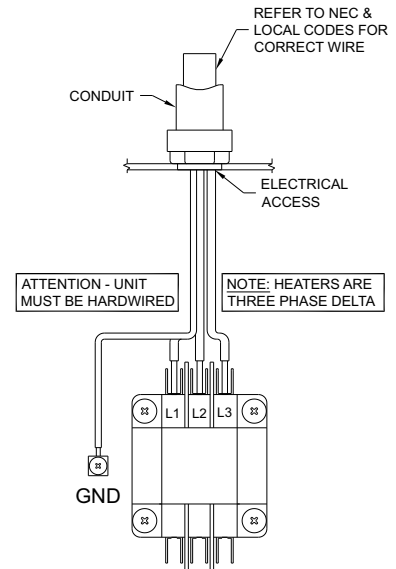
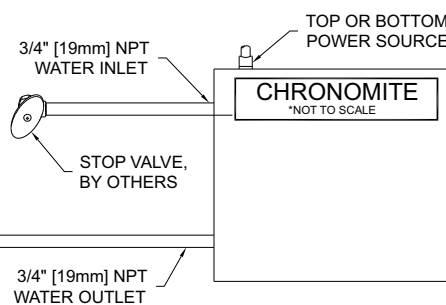
GENERAL NOTES:

- 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



*Shown Installed with
Eye/Face Wash*



WIRING CONNECTION

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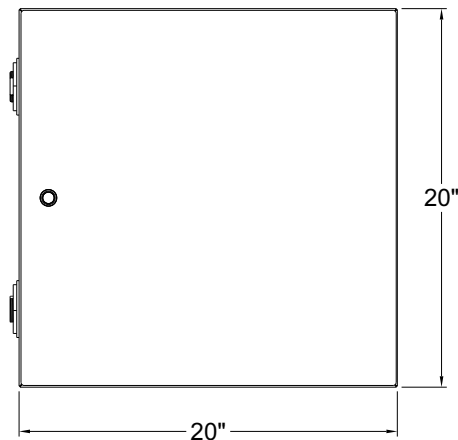
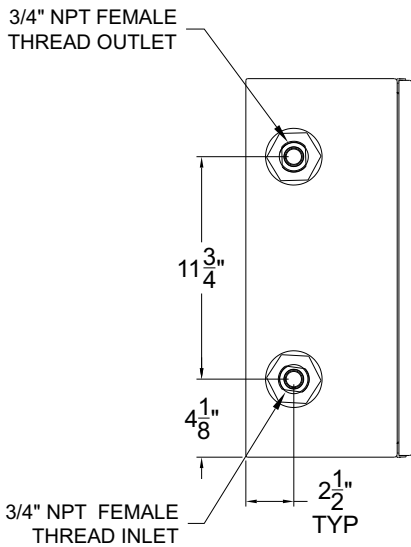
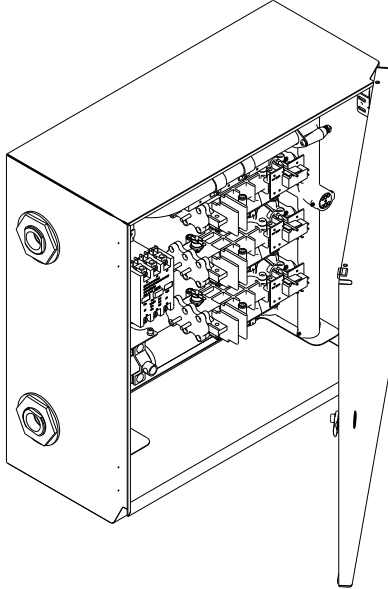
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TECHNICAL DIMENSIONS (OPTIONS Z, K, L)



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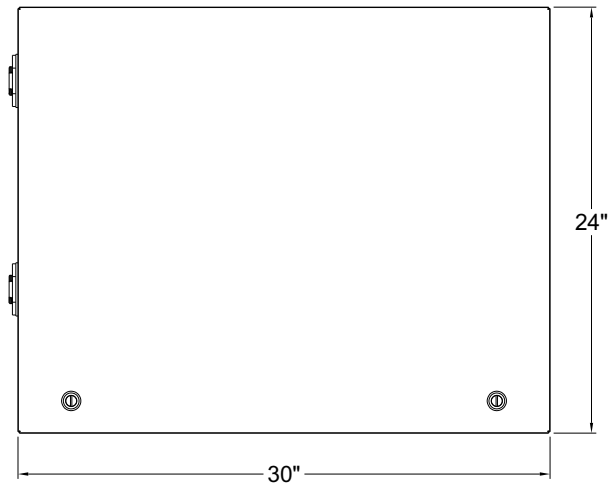
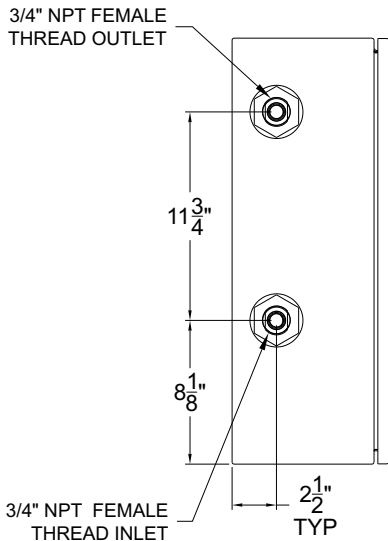
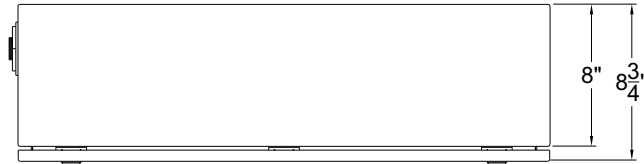
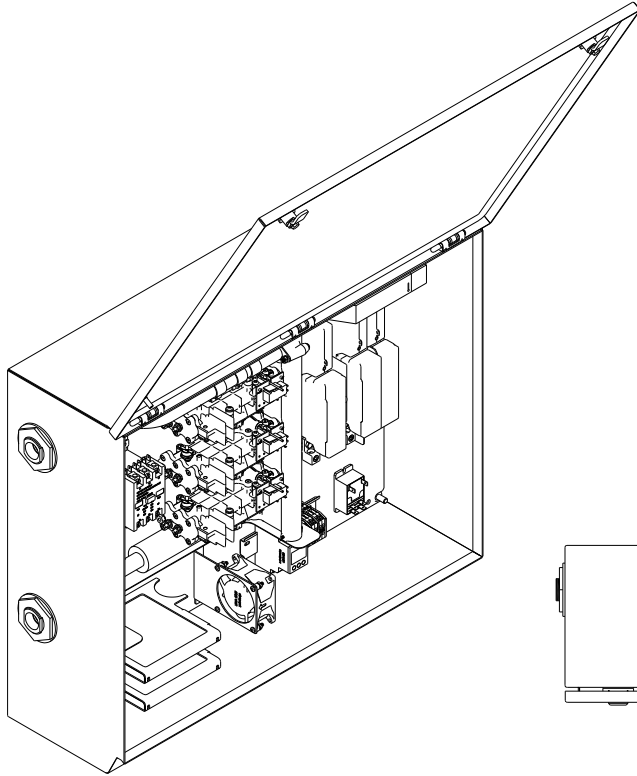
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ELECTRIC TANKLESS WATER HEATER - LARGE CAPACITY

ER SERIES - TRIPLETS™ - 3 PHASE - HIGH ACTIVATION

TECHNICAL DIMENSIONS (OPTIONS G, B, U, J, L)



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