ER SERIES - TRIPLETS™ - 3 PHASE - STANDARD ACTIVATION

IDEAL APPLICATIONS: Showers, Mop Sinks

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 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.

- User adjustable temperature 70°F-125°F (21°C-52°C) (Standard)

- Optional factory preset temperature available, Select single temperature between 90°F-160°F (32°C-71°C)

- Flow friendly minimum pressure drop (18.5 PSID at 6.0 GPM) (172 kPaD at 22.7 LPM)

- Multiple applications handled with one heater

HEATER PRODUCT FEATURES

Chronomite Instant-Temp® - High Capacity - 3 Phase - Standard Activation - S3 models are manufactured to provide reliable hot water with flow rates from 1.2 GPM to 6.0 GPM (4.5 LPM to 22.7 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.

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 - _____ S / ______ 3P

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)
- Y - Strainer (Y)

- A-810VR-2.0 2.0 GPM Hose Bib Adapter
- A-810VR-2.5 2.5 GPM Hose Bib Adapter
- Disconnect Switch, Rotary 80A - Lockable Nema 4X (2095-4)
- NEMA 4 Cabinet (N4)

TEMP RISE @ 5.00 GPM

MODEL AMPS/PHASE 3  VOLTAGE WATTS ACTIVATION GPM TEMP RISE @ 4.00 GPM TEMP RISE @ 5.00 GPM TEMP RISE @ 6.00 GPM

ER-90S/208_3P 52 208 18700 1.2 32 26 21
ER-42S/480_3P 24 480 20000 1.2 34 27 23
ER-90S/240_3P 52 240 21600 1.2 37 30 25
ER-50S/480_3P 29 480 24000 1.2 41 33 27
ER-120S/208_3P 69 208 24960 1.2 43 34 28
ER-120S/240_3P 69 240 28800 1.2 49 39 33
ER-60S/480_3P 35 480 28800 1.2 49 39 33
ER-67S/480_3P 38 480 32000 1.2 55 44 36
ER-90S/480_3P 52 480 43200 1.2 74 59 49
ER-120S/480_3P 69 480 57600 1.2 98 79 66

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WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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ER SERIES - TRIPLETS™ - 3 PHASE - STANDARD ACTIVATION

STANDARD ACTIVATION-ER-3P SERIES / TRIPLETS METRIC CHART

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TECHNICAL DIMENSIONS

LARGE CAPACITY - 3 PHASE- STANDARD 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: 4.5 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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TECHNICAL DIMENSIONS

LARGE CAPACITY - 3 PHASE - STANDARD ACTIVATION

Dimensions: 15-1/4" x 17-1/2" x 6-1/4"
Weight: 35 LBS
Materials: Rugged steel housing
Celcon plastic element assembly with nichrome coils
Minimum Operating Flow Rate: 1.2 GPM
Minimum Operating Pressure: 25 PSI
Maximum Operating Pressure: 80 PSI
Maximum Pressure: 150 PSI
Maximum Water Temperature: 160°F
Minimum Operating Flow Rate: 140°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

INSTALLATION DIAGRAM

Shown Installed with Lavy & Showers

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