



ELECTRIC TANKLESS WATER HEATER - LARGE CAPACITY

R SERIES **MightyMite**® - LOW ACTIVATION

IDEAL APPLICATION: kitchen sink with dish washer, multiple lavatories, showers, mop sink, scrub sink

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 with the 104°F (40°C) factory preset setting; no mixing valve needed
- Saves water and energy - 99% energy efficient
- Works on low flow
- Rugged steel housing
- Space saving compact size: 9-7/8" (H) x 10-5/8" x 4-1/4" (251 x 270 x 108mm)
- Meets applicable building codes including ADA, UL, IAPMO, UPC and CSA.
- 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)
- 3/4" NPT Male connections

Chronomite R Series Mighty-Mite® - Low Activation models are manufactured to provide reliable point-of-use hot water with flow rate from 0.35 GPM to 5.0 GPM (1.3 LPM to 18.9 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 steel.

Element assembly is fabricated from Celcon/Ryton plastic.

Heating coils are nichrome.



R Series Mighty-Mite® - Low Activation

GUIDE SPECIFICATION

Tankless Water Heater shall be a Chronomite Laboratories Model

R - _____ L / _____

AMPS

VOLTS

OPTIONS

with _____ Amps and _____ Volts

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

OPTIONS

- Factory Preset (F)
- Satin Stainless Steel Housing (SS)
- Disconnect Switch, Rotary 80A-Lockable NEMA 4X (2095-4) (Shipped Loose)
- Noise Suppression Relay (Q)
- Digital Readout (DR)
- Y - Strainer (Y)
- 1.5 GPM Hose Bib Adaptor (A-810VR-1.5)

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



Member of U.S. Green Building Council



Water Conserving Product



Made in the USA

| MODEL | AMPS | VOLTS | WATTS | ACTIVATION GPM | TEMP RISE @ | | |
|-------------|------|-------|-------|----------------|-------------|---------|---------|
| | | | | | 1.5 GPM | 2.5 GPM | 3.0 GPM |
| R-48L / 208 | 48 | 208 | 10000 | 0.35 | 45 | 27 | 23 |
| R-48L / 240 | 48 | 240 | 11500 | 0.35 | 52 | 31 | 26 |
| R-58L / 208 | 58 | 208 | 12050 | 0.35 | 55 | 33 | 27 |
| R-63L / 208 | 63 | 208 | 13100 | 0.35 | 60 | 36 | 30 |
| R-48L / 277 | 48 | 277 | 13300 | 0.35 | 61 | 36 | 30 |
| R-58L / 240 | 58 | 240 | 13900 | 0.35 | 63 | 38 | 32 |
| R-68L / 208 | 68 | 208 | 14150 | 0.35 | 64 | 39 | 32 |
| R-63L / 240 | 63 | 240 | 15100 | 0.35 | 69 | 41 | 34 |
| R-75L / 208 | 75 | 208 | 15600 | 0.35 | 71 | 43 | 36 |
| R-58L / 277 | 58 | 277 | 16050 | 0.35 | 73 | 44 | 37 |
| R-68L / 240 | 68 | 240 | 16300 | 0.35 | 74 | 45 | 37 |
| R-63L / 277 | 63 | 277 | 17450 | 0.35 | 79 | 48 | 40 |
| R-75L / 240 | 75 | 240 | 18000 | 0.35 | 82 | 49 | 41 |
| R-68L / 277 | 68 | 277 | 18850 | 0.35 | 86 | 51 | 43 |
| R-75L / 277 | 75 | 277 | 20750 | 0.35 | 95 | 57 | 47 |

Complies with Standards for:

LISTED TO: UL STD 499



Federal Public Law 111-380 (No Lead)



CHRONOMITE LABORATORIES, INC.

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MEMBER OF





ELECTRIC TANKLESS WATER HEATER - LARGE CAPACITY

R SERIES MightyMite® - LOW ACTIVATION

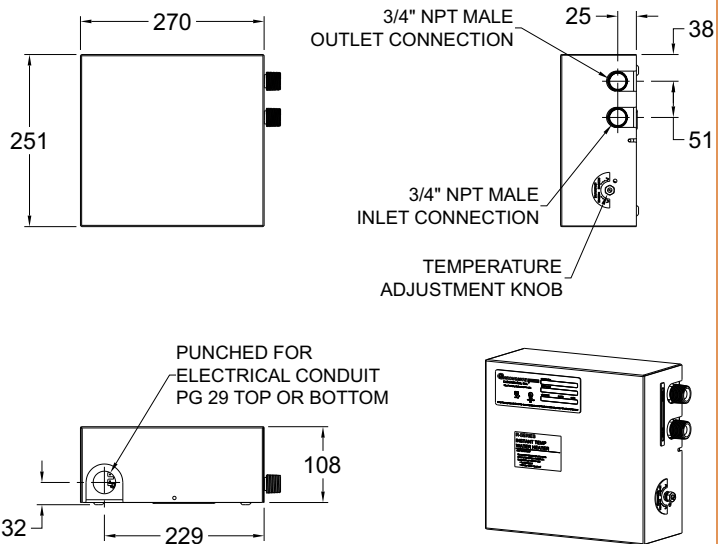
R SERIES MIGHTY-MITE® - LOW ACTIVATION METRIC CHART

| MODEL | AMPS/PHASE | 1 Ø VOLTAGE | WATTS | ACTIVATION LPM | TEMP RISE @ 6.00 LPM | TEMP RISE @ 10.00 LPM | TEMP RISE @ 12.00 LPM |
|-----------|------------|-------------|-------|----------------|----------------------|-----------------------|-----------------------|
| R-48L/208 | 48 | 208 | 10000 | 1.3 | 24 | 14 | 12 |
| R-48L/240 | 48 | 240 | 11500 | 1.3 | 28 | 17 | 14 |
| R-58L/208 | 58 | 208 | 12050 | 1.3 | 29 | 17 | 14 |
| R-63L/208 | 63 | 208 | 13100 | 1.3 | 31 | 19 | 16 |
| R-48L/277 | 48 | 277 | 13300 | 1.3 | 32 | 19 | 16 |
| R-58L/240 | 58 | 240 | 13900 | 1.3 | 33 | 20 | 17 |
| R-68L/208 | 68 | 208 | 14150 | 1.3 | 34 | 20 | 17 |
| R-63L/240 | 63 | 240 | 15100 | 1.3 | 36 | 22 | 18 |
| R-75L/208 | 75 | 208 | 15600 | 1.3 | 37 | 22 | 19 |
| R-58L/277 | 58 | 277 | 16050 | 1.3 | 38 | 23 | 19 |
| R-68L/240 | 68 | 240 | 16300 | 1.3 | 39 | 23 | 20 |
| R-63L/277 | 63 | 277 | 17450 | 1.3 | 42 | 25 | 21 |
| R-75L/240 | 75 | 240 | 18000 | 1.3 | 43 | 26 | 22 |
| R-68L/277 | 68 | 277 | 18850 | 1.3 | 45 | 27 | 23 |
| R-75L/277 | 75 | 277 | 20750 | 1.3 | 50 | 30 | 25 |

TECHNICAL DIMENSIONS

R SERIES MIGHTY-MITE® - LOW ACTIVATION

| | |
|--|--|
| Dimensions: | 251 x 270 x 108mm |
| Weight: | 4.5 Kg |
| Materials: | Rugged steel housing Celcon plastic element assembly with nichrome coils |
| Housing Color: | White |
| 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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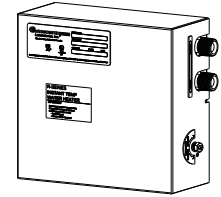
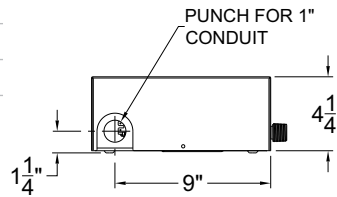
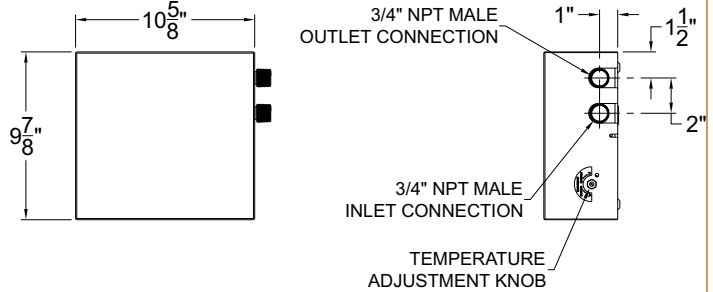
ELECTRIC TANKLESS WATER HEATER - LARGE CAPACITY

R SERIES MightyMite® - LOW ACTIVATION

TECHNICAL DIMENSIONS

R SERIES MIGHTY-MITE® - LOW ACTIVATION

| | |
|--|--|
| Dimensions: | 9-7/8" (H) x 10-5/8" x 4-1/4" |
| Weight: | 10 lbs. |
| Materials: | Rugged steel housing Celcon plastic element assembly with nichrome coils |
| Housing Color: | White |
| Minimum Operating Flow Rate: | 0.35 GPM |
| Minimum Operating Pressure: | 25 PSI |
| Maximum Operating Pressure: | 80 PSI |
| Maximum Pressure: | 150 PSI |
| Maximum Water Temperature: | 160°F |
| Maximum Ambient Operating Temperature: | 140°F |
| Listing: | UL, IAPMO, UPC, ETL |

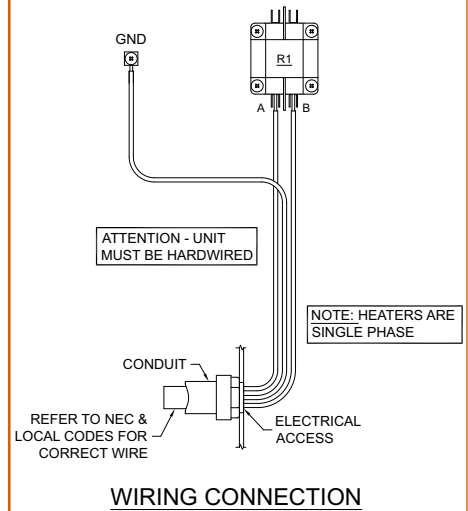
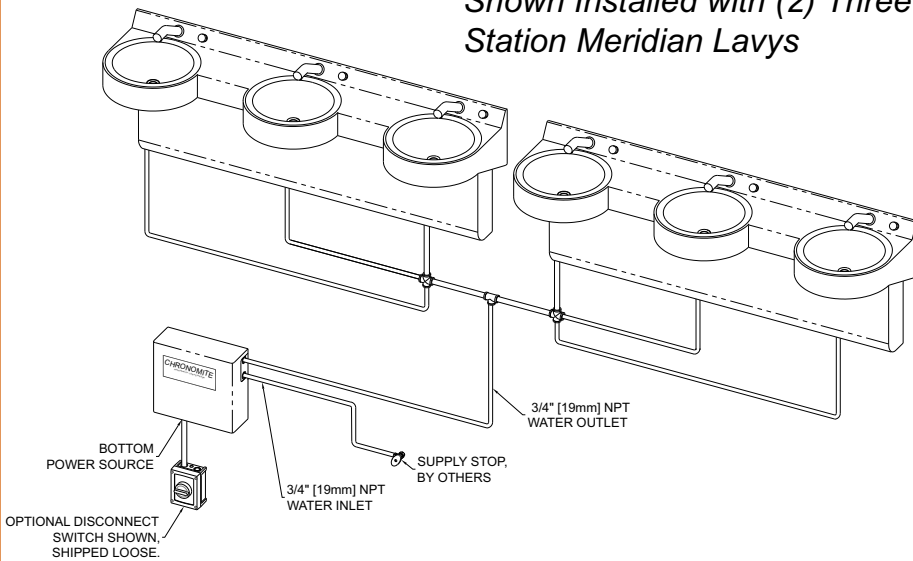


GENERAL NOTES:

- The microprocessor adjusts the heater's power for variations in flow rates, inlet water temperature and pressure to assure the selected factory pre set water temperature.
- 240V models when operated at 220V will have approximately a 15% wattage decrease.

INSTALLATION DIAGRAM

Shown Installed with (2) Three Station Meridian Lavays



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