



ELECTRIC TANKLESS WATER HEATER - LARGE CAPACITY

R SERIES MightyMite® - HIGH ACTIVATION

IDEAL APPLICATION: 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
- 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.
- 3/4" NPT Male connections
- Tepid water to meet ANSI Z358.1
- No solenoids, loss of power = cold water bypass

Chronomite R Series Mighty-Mite® - High Activation models are manufactured to provide reliable point-of-use hot water with flow rate from 1.8 GPM to 5.0 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 steel.

Element assembly is fabricated from Celcon/Ryton plastic.

Heating coils are nichrome.



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



GUIDE SPECIFICATION

Tankless Water Heater shall be a Chronomite Laboratories Model

R - _____ H / _____ <small>AMPS VOLTS</small>	_____ <small>OPTIONS</small>
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to heat to a preset temperature of: 84°F

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

OPTIONS

- 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)
- Wall Mount Eye/Face Wash SS Bowl (S0440)
- Recessed Wall Mount Eye/Face Wash SS Cabinet (S0560)

MODEL	AMPS	VOLTS	WATTS	ACTIVATION	TEMP RISE @	TEMP RISE @	TEMP RISE @
				GPM	2.0 GPM	3.0 GPM	4.0 GPM
R-48H / 208	48	208	10000	1.8	34	23	17
R-48H / 240	48	240	11500	1.8	39	26	20
R-58H / 208	58	208	12050	1.8	41	27	21
R-63H / 208	63	208	13100	1.8	45	30	22
R-48H / 277	48	277	13300	1.8	45	30	23
R-58H / 240	58	240	13900	1.8	48	32	24
R-68H / 208	68	208	14150	1.8	48	32	24
R-63H / 240	63	240	15100	1.8	52	34	26
R-75H / 208	75	208	15600	1.8	53	36	27
R-58H / 277	58	277	16050	1.8	55	37	27
R-68H / 240	68	240	16300	1.8	56	37	28
R-63H / 277	63	277	17450	1.8	60	40	30
R-75H / 240	75	240	18000	1.8	61	41	31
R-68H / 277	68	277	18850	1.8	64	43	32
R-75H / 277	75	277	20750	1.8	71	47	35

Complies with Standards for:



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ELECTRIC TANKLESS WATER HEATER - LARGE CAPACITY

R SERIES MightyMite® - HIGH ACTIVATION

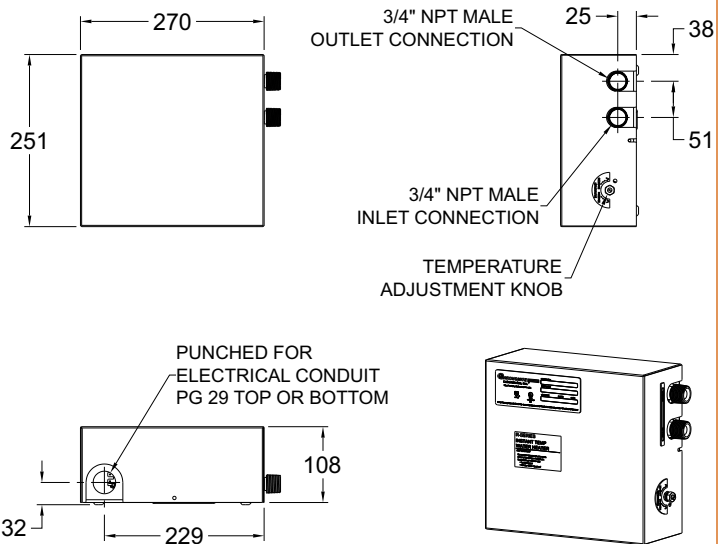
R SERIES MIGHTY-MITE® - HIGH ACTIVATION METRIC CHART

MODEL	AMPS/PHASE	1 Ø VOLTAGE	WATTS	ACTIVATION LPM	TEMP RISE @ 8.00 LPM	TEMP RISE @ 12.00 LPM	TEMP RISE @ 16.00 LPM
R-48H/208	48	208	10000	6.8	18	12	9
R-48H/240	48	240	11500	6.8	21	14	10
R-58H/208	58	208	12050	6.8	22	14	11
R-63H/208	63	208	13100	6.8	24	16	12
R-48H/277	48	277	13300	6.8	24	16	12
R-58H/240	58	240	13900	6.8	25	17	12
R-68H/208	68	208	14150	6.8	25	17	13
R-63H/240	63	240	15100	6.8	27	18	14
R-75H/208	75	208	15600	6.8	28	19	14
R-58H/277	58	277	16050	6.8	29	19	14
R-68H/240	68	240	16300	6.8	29	20	15
R-63H/277	63	277	17450	6.8	31	21	16
R-75H/240	75	240	18000	6.8	32	22	16
R-68H/277	68	277	18850	6.8	34	23	17
R-75H/277	75	277	20750	6.8	37	25	19

TECHNICAL DIMENSIONS

R SERIES MIGHTY-MITE® - HIGH 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:	6.8 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.

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SELECTION SUMMARY & APPROVAL FOR MANUFACTURING

Company _____

Model Number & Options _____ Quantity _____

Contact _____ Title _____

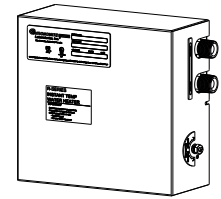
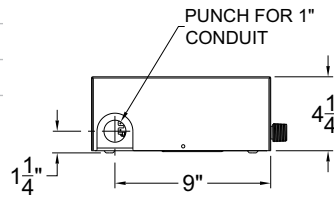
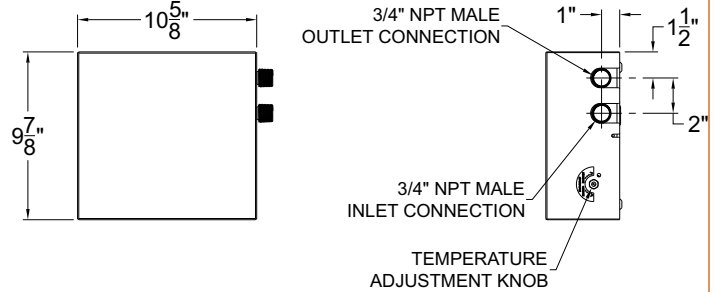
Signature (Approval for Manufacturing) _____ Date _____

CHRONOMITE
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R SERIES **MightyMite**® - HIGH ACTIVATION

R SERIES MIGHTY-MITE® - HIGH 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:	1.8 GPM
Minimum Operating Pressure:	25 PSI
Maximum Operating Pressure:	80 PSI
Maximum Pressure:	150 PSI
Maximum Water Temperature:	84°F
Maximum Ambient Operating Temperature:	140°F
Listing:	UL, IAPMO, UPC, ETL

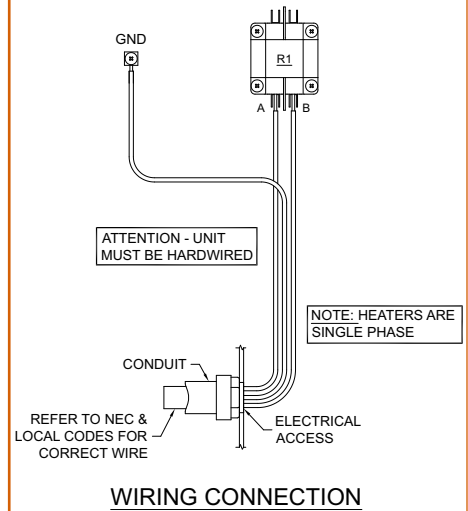
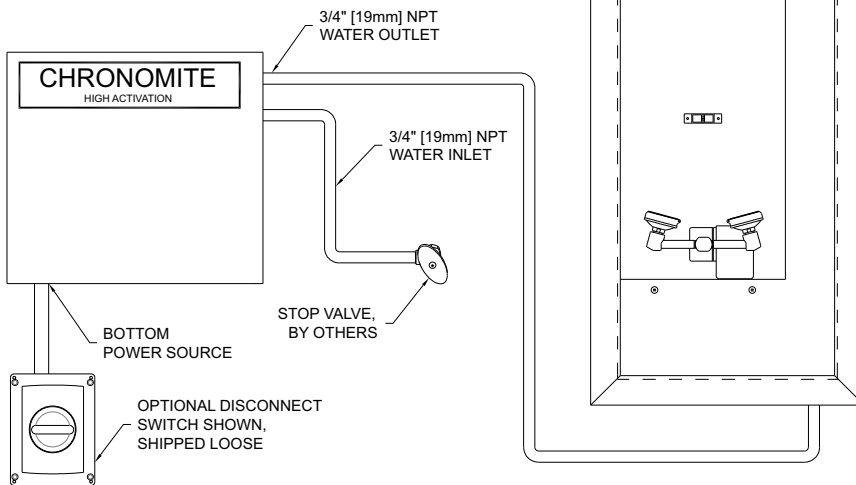


GENERAL NOTES:

- 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 Eye/Face Wash



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