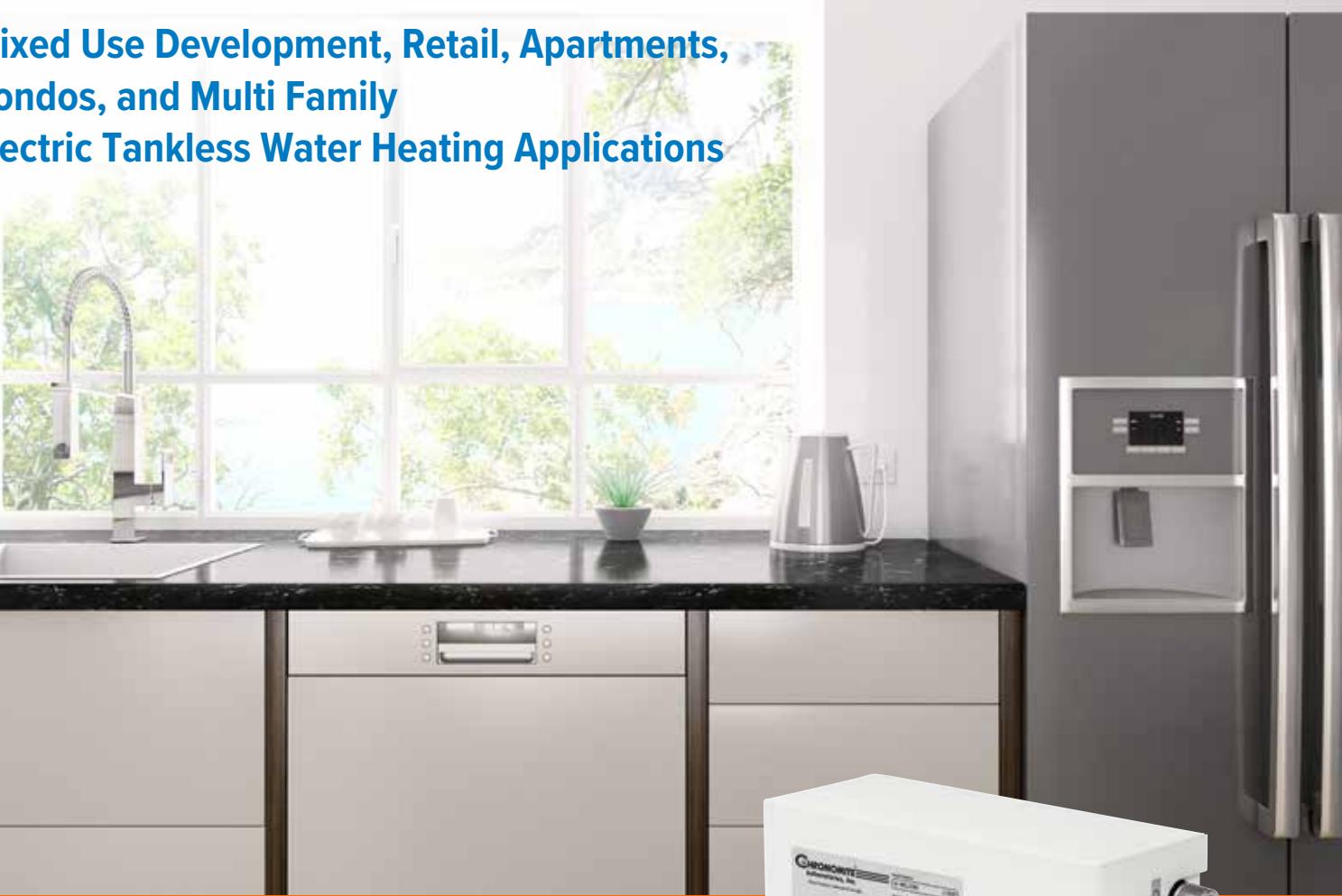




**Mixed Use Development, Retail, Apartments,  
Condos, and Multi Family  
Electric Tankless Water Heating Applications**



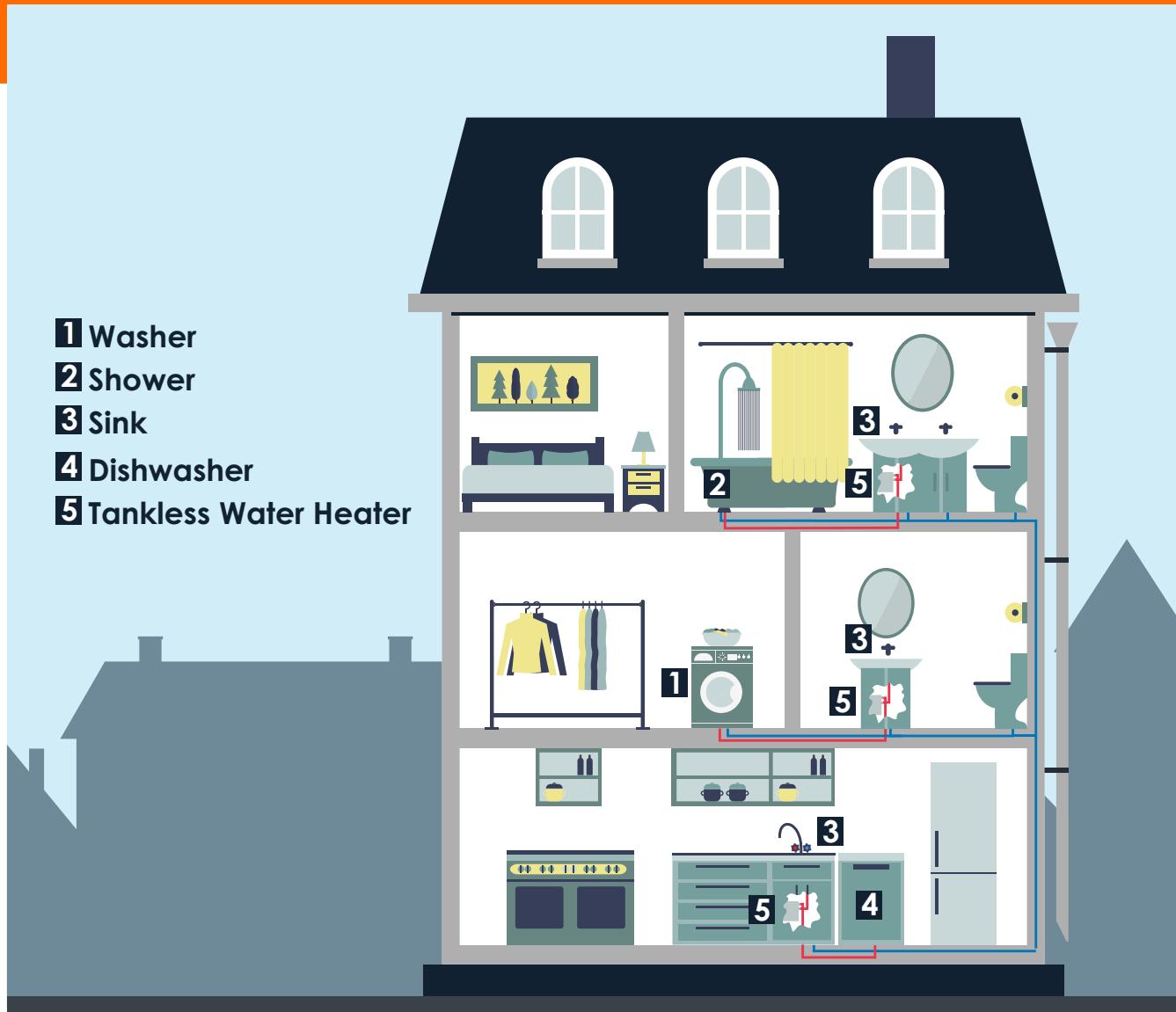
**Mighty**  **mite™**  
**R-SERIES**

# WHY WAIT?

Help homeowners reap the benefits of instant hot water. Install Mighty-Mite R Series Instantaneous Water Heater at points of use throughout homes, apartments, and more.

## THERE ARE MANY BENEFITS TO USING THE R-SERIES IN RESIDENTIAL SETTINGS:

- Eliminate the wait for hot water with a point-of-use instantaneous water heater
- Can provide up to 49 F rise at 2.5 gallons of heated water per minute
- Eliminates cold air exhaust from heat pump water heaters for lower heating bills in winter.
- Runs quietly at the point of use, unlike heat pump water heaters that make noise.
- Compact design installs discreetly at the point of use.
- Heats water only when needed — more environmentally friendly!



# FEATURES & BENEFITS

- Digital microprocessor offers an ultra-quick response time, checking and adjusting hot water temperature 120x per second!
- Eliminates need for mixing valves and scalding concerns
- Unlimited hot water
- Environmentally friendly: 99% energy efficient and saves water by providing the desired temperature immediately
- Works on low flow with 0.35 GPM (3.8 LPM) activation
- Rugged steel housing
- Space saving compact size: 9-3/4" (H) 10-1/2" x 4-1/4" (248 mm (H) 267 mm x 108 mm)
- Meets applicable building codes including ADA, UL, IAPMO and UPC
- Made in the USA
- Optional electrical disconnect switch available
- 3/4" NPT Male connections
- User adjustable temperature 70 - 125°F (21-52°C) (Standard)

## R SERIES MIGHTY-MITE™ - LOW ACTIVATION

Dimensions: 9-3/4" (H) x 10-1/2" x 4-1/4"  
(248 mm (H) x 267 mm x 108 mm)

Weight: 10 lbs. (4.5 kg)

Materials: Rugged steel housing  
Celcon plastic element assembly  
with nichrome coils

Housing Color: White

Minimum Operating Flow Rate: 0.35 GPM (1.3 LPM)

Minimum Operating Pressure: 25 PSI (172 kPa)

Maximum Operating Pressure 80 PSI (552 kPa)

Maximum Pressure 150 PSI (1034 kPa)

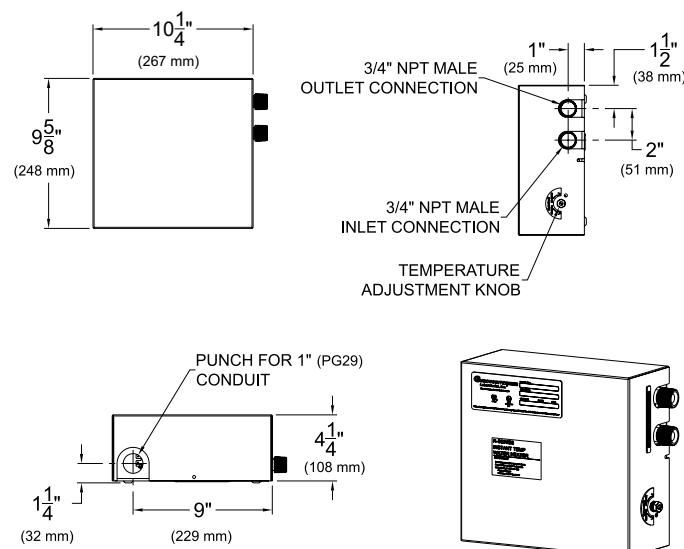
Maximum Ambient Operating Temperature: 160°F (60 °C)

Listing: UL, IAPMO, UPC, ETL

### GENERAL

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.



## TECHNICAL INFORMATION – R SERIES MODEL

MODEL NO.	VOLTS	KW	AMPS	75°C WIRE	1.0 GPM TEMP RISE	1.5 GPM TEMP RISE	2.0 GPM TEMP RISE	3.0 GPM TEMP RISE	4.0 GPM TEMP RISE
R-48L/240	240	11.50	48	6 AWG	79°F	52°F	39°F	26°F	20°F
R-58L/240	240	13.90	58	6 AWG	90°F+	63°F	47°F	32°F	24°F
R-63L/240	240	15.10	63	4 AWG	90°F+	69°F	52°F	34°F	26°F
R-68L/240	240	16.30	68	4 AWG	90°F+	74°F	56°F	37°F	28°F
R-75L/240	240	18.00	75	4 AWG	90°F+	82°F	61°F	41°F	31°F

208V and 277V single phase models also available

# Manufacturing Divisions

## WATER CONTROLS



## DRAINAGE



## PLUMBING FIXTURES & ACCESS



## FIRE PROTECTION



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