



# MIGHTY-MITE®

## 480V R SERIES



**Lowers Electrical Costs**  
for installer

**Great for Retrofit**  
with a space saving, widely compatible design

 MORRIS GROUP INTERNATIONAL

[WWW.MORRISGROUPINT.COM](http://WWW.MORRISGROUPINT.COM)

# MIGHTY-MITE®

## 480V R SERIES

### FEATURES & BENEFITS

- **Lowers electrical installation costs** by requiring a smaller wire gauge and less amperage than alternative water heaters.
- **99% Energy efficient** thanks to a digital microprocessor which controls the temperature, checking 120x per second for temperature variations. Water is not heated until it is needed.
- **Great for retrofit.** Draws less amps comparable to 277V, suitable for locations where available power is limited
- **Flexible use,** compatible with both 480V delta and WYE configurations
- **Field adjustable** from 70-125° F (Optional: 70-160° F)
- **Commercial Use:** Suitable for 1.0-3.0 GPM range (0.35 GPM minimum activation required)
- **Vandal Resistant** steel housing
- **Space Saving** compact size: 9-7/8" (h) x 10-5/8" x 4-1/4"
- **Meets ANSI Z358.1** for tepid water using F84 option or H activation models
- **Environmentally friendly**
- **Made in the USA**

**Want extra features? Customize the heater using these model number suffixes:**

<b>-Q</b>	Noise Suppression Relay
<b>-SS</b>	Stainless Steel Housing
<b>-DR</b>	Digital Readout
<b>-Y</b>	Y Strainer
<b>-F84</b>	Factory Preset Temperature (84F) required for safety equipment (under the low activation chart)
<b>-2095-4</b>	Disconnect Switch, Rotary 80A-Lockable NEMA 4X (shipped loose)
<b>-A-180VR-1.5</b>	1.5 GPM Hose Bib Adapter
<b>-A-180VR-2.0</b>	2.0 GPM Hose Bib Adapter

### Low Activation Chart

Model	Amps	Volts	75°C Wire	Watts	Activation GPM	Temperature Rise in °F at GPM						
						0.50	1.00	1.50	2.00	3.00	4.00	5.00
<b>R-09L/480</b>	9	480	14 AWG	4320	0.35	59	30	20	---	---	---	---
<b>R-11L/480</b>	11	480	14 AWG	5330	0.35	73	36	24	---	---	---	---
<b>R-13L/480</b>	13	480	14 AWG	6000	0.35	82	41	27	20	---	---	---
<b>R-15L/480</b>	15	480	14 AWG	7000	0.35	90+	48	32	24	---	---	---
<b>R-18L/480</b>	18	480	12 AWG	8540	0.35	90+	58	39	29	---	---	---
<b>R-27L/480</b>	27	480	10 AWG	12770	0.35	90+	87	58	44	29	22	---
<b>R-30L/480</b>	30	480	10 AWG	14400	0.35	90+	90+	66	49	33	25	20
<b>R-36L/480</b>	36	480	8 AWG	17090	0.35	90+	90+	78	58	39	29	23
<b>R-40L/480</b>	40	480	8 AWG	19200	0.35	90+	90+	87	66	44	33	26

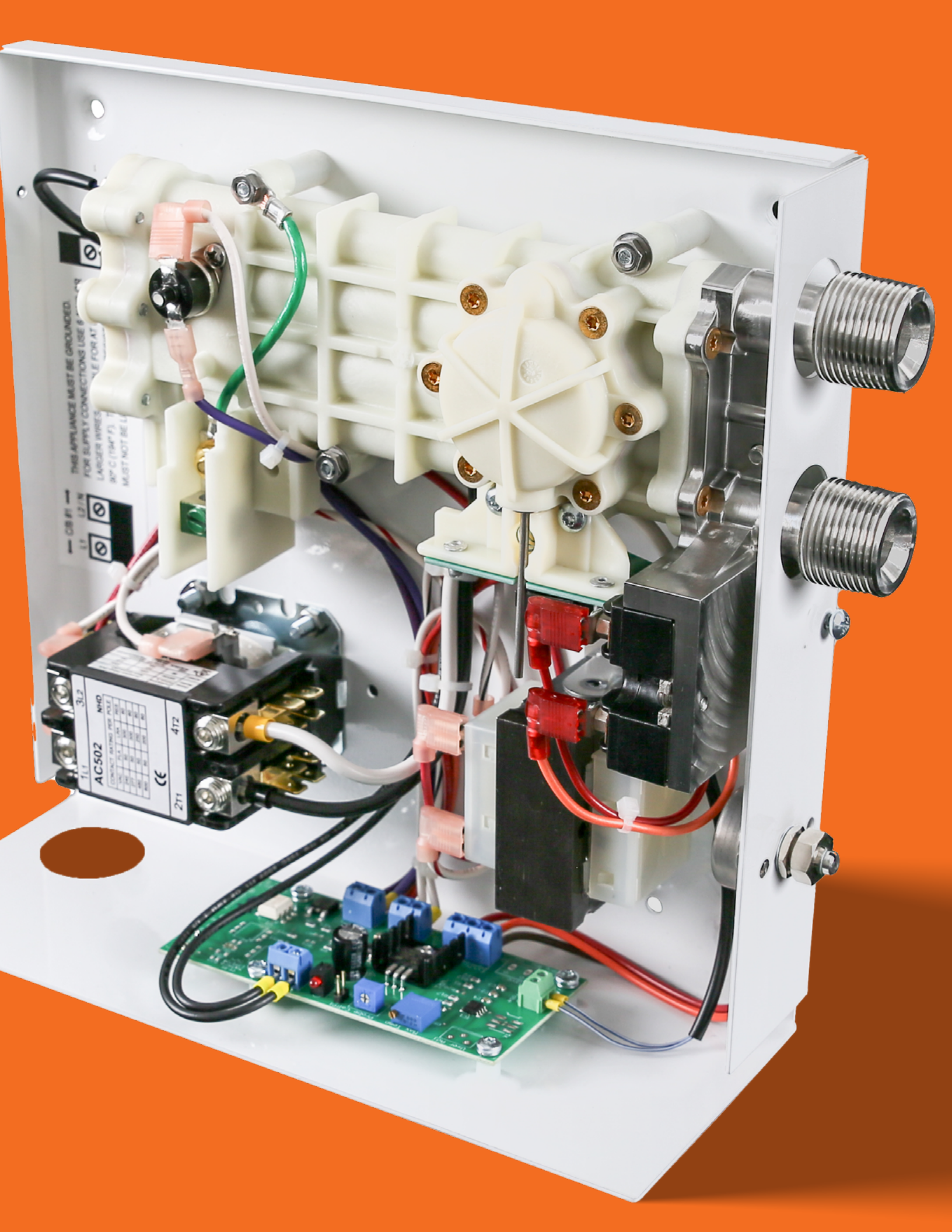
High activation configurations eliminate the potentiometer and are factory preset at 84° F

### High Activation Chart

Model	Amps	Volts	75°C Wire	Watts	Activation GPM	Temperature Rise in °F at GPM						
						0.50	1.00	1.50	2.00	3.00	4.00	5.00
<b>R-30H/480</b>	30	480	10 AWG	14400	1.8	90+	90+	66	49	33	25	20
<b>R-36H/480</b>	36	480	8 AWG	17090	1.8	90+	90+	78	58	39	29	23
<b>R-40H/480</b>	40	480	8 AWG	19200	1.8	90+	90+	87	66	44	33	26

High activation configurations eliminate the potentiometer and are factory preset at 84° F





## Manufacturing Divisions

### WATER CONTROLS



### DRAINAGE



### PLUMBING FIXTURES & ACCESS



### FIRE PROTECTION



### MANUFACTURING SUPPORT



## Sales & Distribution



UNITED KINGDOM



ELMCO + ASSOC.



CANADA

