

# RHEEM® TANKLESS ELECTRIC WATER HEATERS FOR HANDWASHING SOLUTIONS

THERMOSTATIC, THERMOSTATIC WITH INTEGRATED MIXING VALVE  
& NON-THERMOSTATIC



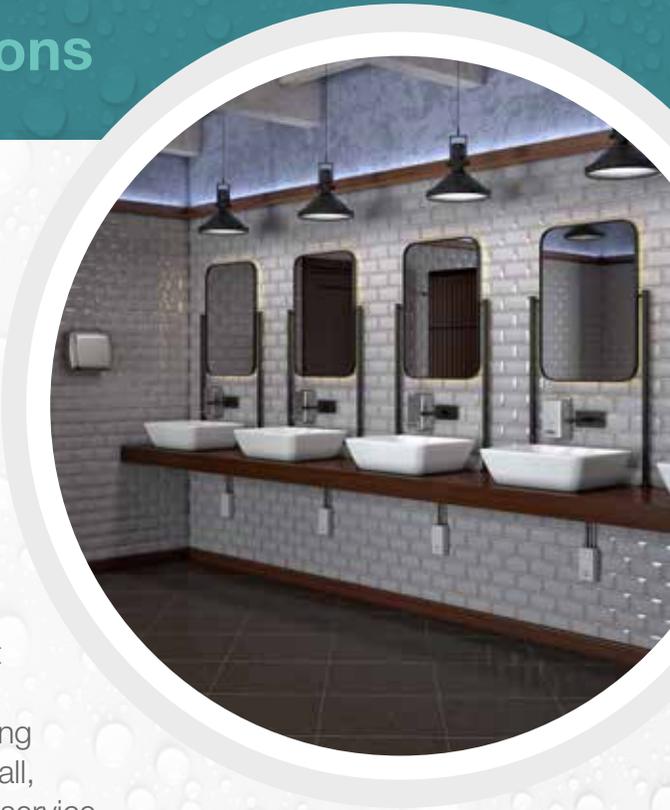
The new degree of comfort.®

# Rheem® Handwashing Solutions

Rheem offers an extensive line of innovative tankless electric handwashing water heaters that have been designed, engineered, and assembled in the U.S.A. Our handwashing portfolio consists of three distinct families: Thermostatic Tankless Electric Water Heater, Thermostatic Tankless Electric Water Heater with Integrated Mixing Valve and Non-Thermostatic Tankless Electric Water Heater. Each of these tankless electric water heaters can be installed in any orientation at the point-of-use with just a single water line for savings in both labor and materials.

Our handwashing portfolio delivers safe and continuous hot water on demand. Temperature stability is ensured with our proprietary active energy management and power modulating controls\*. Each tankless electric water heater is easy to install, dependable, and supported by a knowledgeable customer service team. The portfolio of handwashing solutions features...

- **Mount in any orientation**
- **Self-diagnostics**
- **Field adjustable\***
- **SafeStart™ technology**
- **Energy management\***
- **Compact size**



**Saves Water**



**Saves Money**



**Saves Space**



**Continuous Hot Water**

## Thermostatic Tankless Electric Water Heater

Thermostatic tankless electric water heater with silent operation† and an industry leading low flow activation at 0.2 GPM.



## Thermostatic Tankless Electric Water Heater with Integrated Mixing Valve

Meets UPC 407.3 for public handwashing with an integrated ASSE 1070 compliant mixing valve.



## Non-Thermostatic Tankless Electric Water Heater

Ideal for a single sensor faucet or a single metering faucet for handwashing and other fixed-flow applications.



*\*Varies by family. †Applies to all models except RTEH012240T.*



### Thermostatic Tankless Electric Water Heater

MODEL NUMBER	kW	AMPS	RECOM'D WIRE SIZE (75° C/CU)	TURN ON (GPM)
<b>VOLTS 120</b>				
RTEH1812T	1.8	15	14 AWG	0.2
RTEH2412T	2.4	20	14 AWG	0.2
RTEH3012T	3.0	25	12 AWG	0.2
RTEH3512T	3.5	29	10 AWG	0.2
<b>VOLTS 208 Single Phase</b>				
RTEH3208T	3.0	15	14 AWG	0.2
RTEH4208T	4.1	20	14 AWG	0.2
RTEH8208T	8.3	40	8 AWG	0.2
<b>VOLTS 240*</b>				
RTEH35T	3.5	15	14 AWG	0.2
RTEH48T	4.8	20	14 AWG	0.2
RTEH55T	5.5	23	12 AWG	0.2
RTEH65T	6.5	27	12 AWG	0.2
RTEH75T	7.5	32	10 AWG	0.2
RTEH95T	9.5	40	8 AWG	0.2
RTEH012240T	11.5	48	8 AWG	0.2
<b>VOLTS 277 Single Phase</b>				
RTEH3277T	3.0	11	14 AWG	0.2
RTEH4277T	4.1	15	14 AWG	0.2
RTEH60T	6.0	22	12 AWG	0.2
RTEH80T	8.0	29	10 AWG	0.2
RTEH90T	9.0	33	10 AWG	0.2
RTEH100T	10.0	36	8 AWG	0.2

### Thermostatic Tankless Electric Water Heater with Integrated Mixing Valve

MODEL NUMBER	kW	AMPS	RECOM'D WIRE SIZE (75° C/CU)	TURN ON (GPM)
<b>VOLTS 120</b>				
RTEH004120MV	3.5	29	10 AWG	0.3
<b>VOLTS 240*</b>				
RTEH005240MV	4.8	20	14 AWG	0.3
RTEH007240MV	6.5	27	10 AWG	0.3
RTEH010240MV	9.5	40	8 AWG	0.3
RTEH012240MV	11.5	48	8 AWG	0.3
<b>VOLTS 277 Single Phase</b>				
RTEH004277MV	4.1	15	14 AWG	0.3
RTEH008277MV	8.0	29	10 AWG	0.3
RTEH010277MV	10.0	36	8 AWG	0.3

### Non-Thermostatic Tankless Electric Water Heater

MODEL NUMBER	kW	AMPS	RECOM'D WIRE SIZE (75° C/CU)	TURN ON (GPM)
<b>VOLTS 120</b>				
RTEH1812	1.8	15	14 AWG	0.2
RTEH2412	2.4	20	14 AWG	0.25
RTEH3012	3.0	25	12 AWG	0.25
RTEH3512	3.5	29	10 AWG	0.3
<b>VOLTS 208 Single Phase</b>				
RTEH3208	3.0	15	14 AWG	0.25
RTEH4208	4.1	20	14 AWG	0.4
RTEH8208	8.3	40	8 AWG	0.7
<b>VOLTS 240*</b>				
RTEH35	3.5	15	14 AWG	0.3
RTEH48	4.8	20	14 AWG	0.4
RTEH55	5.5	23	12 AWG	0.5
RTEH65	6.5	27	10 AWG	0.7
RTEH75	7.5	32	10 AWG	0.7
RTEH95	9.5	40	8 AWG	0.8
<b>VOLTS 277 Single Phase</b>				
RTEH3277	3.0	11	14 AWG	0.25
RTEH4277	4.1	15	14 AWG	0.4
RTEH60	6.0	22	12 AWG	0.7
RTEH80	8.0	29	10 AWG	0.7
RTEH90	9.0	33	10 AWG	0.7
RTEH100	10.0	36	8 AWG	0.8



For Canadian model number, add CA to the end of the model number.  
 Ex: RTEH1812CA. Canadian models comply to either Underwriters Laboratories (UL) or Intertek (ETL) under CAN/CSA-C22.2 No. 64/No. 88.

\*240V units can be used on 208V single phase with 25% reduced temperature output. Please note per UL standards the rating plate and installation instructions will all be according to a 240V applied voltage. Check with local officials prior to derating the electrical infrastructure.



Recommended Applications	Thermostatic Tankless Electric Water Heater	Thermostatic Tankless Electric Water Heater with Integrated Mixing Valve	Non-Thermostatic Tankless Electric Water Heater
Handwashing	✓		✓
Code Compliant Public Handwashing		✓	
Kitchen, Bar, Utility Sinks	✓	✓	✓
Variable Flow	✓	✓	
Fixed-flow			✓
Multiple Sensor or Metering Faucets	✓	✓	
Single Sensor Faucet or Metering Faucet			✓

Thermostatic Tankless Electric Water Heater can be made code compliant with an addition of a mixing valve by a licensed contractor or plumber. There is an overlap in applications, but the above chart shows the optimal solution for each application.



**MOUNT IN ANY ORIENTATION**



**SAFESTART™ TECHNOLOGY**



**SELF DIAGNOSTICS**



**ENERGY MANAGEMENT\***



**FIELD ADJUSTABLE\***



**COMPACT SIZE**

\*Varies by family.



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