



The new degree of comfort.™



Residential Electric
Tankless Water Heaters

Tankless electric water heaters offer continuous hot water quick and on demand for point-of-use applications

Features

- Continuous hot water on demand
- Industry leading low-flow activation
- External temperature control
- LEDs indicate active element and standby mode
- 1/2-Inch water connections
- Rugged brass/copper heat exchanger
- Pre-wired 2-foot power supply cord(s) included

Efficiency

- Modulating heat exchanger improves energy efficiency
- No standby heat loss aids in energy consumption
- No venting needed - eliminates greenhouse gases

Easy Installation

- Complete install without removing the cover
- Easy water connections using 1/2-inch compression fittings
- Lightweight

Space Savings

- No T&P valve required
- Compact size - fits almost anywhere

Applications

- Homes
- Apartments
- Condos
- Hospitals
- Rest rooms
- Restaurants
- Offices
- Laboratories
- Anywhere hot water is needed

Warranty

- 10-Year limited heat exchanger and 1-Year limited parts warranty.*

*See Residential Warranty Certificate for complete information.

RTE 3 and RTE 7

- Ideal for fast, continuous hot water at a single point-of-use faucet or other fixture
- RTE 3 (3kW/120V) requires a dedicated 30 AMP breaker
- RTE 7 (7kW/240V) requires a dedicated 30 AMP breaker

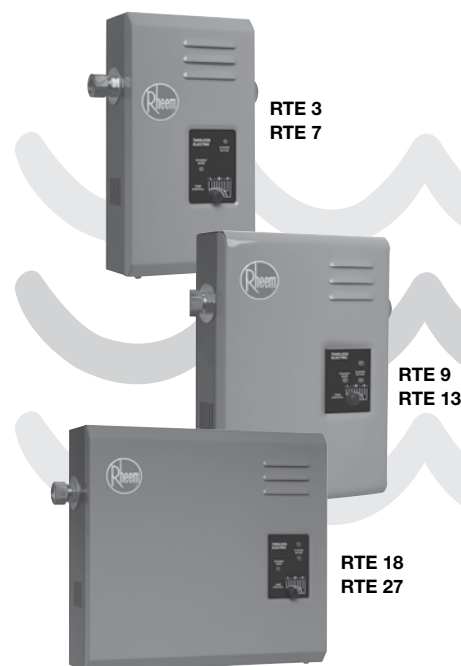
RTE 9 and RTE 13

- Ideal for fast, continuous hot water at a lavatory or sink
- RTE 9 (9kW/240V) requires a dedicated 40 AMP breaker
- RTE 13 (13kW/240V) requires a dedicated 60 AMP breaker

RTE 18 and RTE 27

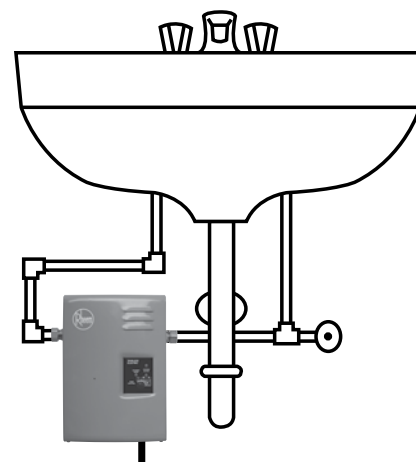
- Designed for fast, continuous hot water in a bathroom addition/renovation or single shower
- RTE 18 (18kW/240V) requires two dedicated 40 AMP breakers
- RTE 27 (27kW/240V) requires two dedicated 60 AMP breakers

All come with an on-unit temperature control with LED lights



RTE Tankless

3 kW to 27 kW
120 and 240 Volt AC
Electric



INTEGRATED HOME COMFORT



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Rheem Tankless Electric Specifications

APPLICATION	FLOW RATE IN GPM AT 60 PSI
Typical Shower	2.0 GPM
Typical Bath Tub Faucet	2.5 GPM
Bathroom Vanity Sink Faucet	1.0 GPM
Kitchen Sink Faucet	1.5 GPM
Washer	2.0 GPM

WATER TEMPERATURE AND FLOW RATE									
GROUND WATER TEMPERATURE	REQUIRED FLOW RATE IN GALLONS PER MINUTE								
	1	1.5	2	2.5	3	3.5	4	4.5	5
	SUGGESTED ECOSENSE MODEL (KW)								
35	13	18	27	27					
40	9	13	18	27	27				
45	9	13	18	27	27	27			
50	9	13	18	27	27	27			
55	7	9	13	18	27	27	27	27	
60	7	7	9	18	18	27	27	27	
65	7	7	9	13	18	18	18	27	
70	7	7	9	13	13	18	27	27	27
75+	3	7	7	9	18	18	18	27	27

Recommendations based on hot outlet water temperature of 105°F.

DIMENSIONS (INCHES/POUNDS)				
MODEL	HEIGHT	WIDTH	DEPTH	WEIGHT
RTE 3	10-1/4	5-3/8	3-1/4	6
RTE 7	10-1/4	5-3/8	3-1/4	6
RTE 9	10	7-1/4	3-1/4	8
RTE 13	10	7-1/4	3-1/4	8
RTE 18	10-1/2	11-1/4	3-1/4	12
RTE 27	10-1/2	11-1/4	3-1/4	12

• Plumbing connections: 1/2 NPT • Minimum flow rate: 1/2 gal. min

ELECTRICAL SPECIFICATIONS					
MODEL	KW	VOLTS	RECOMMENDED BREAKER SIZE	MAX POWER (AMP)	AWG WIRE
RTE 3	3	120	30	29	10
RTE 7	7	240	30	29	10
RTE 9	9	240	40	38	8
RTE 13	13	240	60	54	6
RTE 18	18	240	(2) 40	75	(2) 8
RTE 27	27	240	(2) 60	112	(2) 6

In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice.

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