

# COMMERCIAL

## WATER HEATERS



# Rheem® Commercial Solutions

We're dedicated to providing innovative water heating solutions to the commercial sector. From beginning to end, our application engineers, sales and customer service teams are committed to offering personalized consultation and support for your commercial projects. Rheem offers a variety of tank-type and tankless water heaters designed to meet the unique needs and requirements of any commercial application. This catalog will help determine the best water heating solution for your upcoming commercial project.

## IN THIS GUIDE:

### Ultra High Efficiency Gas

**Rheem Triton™ Commercial Gas**

**Rheem Tankless Commercial Gas**

### Electric

**Rheem Hybrid Electric**

**Rheem Electric Light Duty  
with Terminal Block (ELD)**

**Rheem Marathon® Eclipse™  
Light Duty (MELD)**

**Rheem Medium Duty  
Electric Eclipse**

**Rheem Innovations &  
Commercial Solutions**

**Full Commercial  
Product Line**







## TANK VS. TANKLESS

### CHOOSING THE RIGHT OPTION FOR COMMERCIAL APPLICATIONS

With a variety of high-efficiency tank and tankless options, it can be difficult to know which will best suit the needs of your commercial project. This basic guide offers some example applications to help determine the right water heating solution.

CONSIDER A TANK		CONSIDER A TANKLESS SYSTEM	
Application Need	Application Example	Application Need	Application Example
High peak flow rates for limited periods of time	<i>Mass use of an employee wash station during shift changes</i>	For continuous usage	<i>24-hour fitness club showers</i>
High flow rate or high fill rate equipment	<i>Commercial clothes washers and commercial rack dishwashers</i>	Moderate flow rates with extended periods of use	<i>A parts spray washer used on a manufacturing line</i>
Large fixture count with consistent periods of use	<i>2 hour peak use of a school cafeteria</i>	High water usage, moderate flow rate equipment	<i>Bathtubs, 3 compartment sinks, pre-scrapers</i>
Full simultaneous use of multiple fixtures	<i>Locker room showers</i>	A set of fixtures with intermittent hot water use	<i>A kitchen with multiple sink stations used one at a time</i>
		A rarely used fixture or on its own line.	<i>A safety shower, a mop sink in its own building, single private showers</i>
		Outdoor installation preferred / required	<i>Installing on a hotel roof</i>

Rheem Application Engineers also offer comprehensive project sizing and consulting services. For more information on product selection, email a Rheem Application Engineer for a sizing consultation at [application.engineering@rheem.com](mailto:application.engineering@rheem.com).

# THE MOST INTELLIGENT

## HIGH EFFICIENCY COMMERCIAL GAS WATER HEATER IN THE MARKET



You want a water heater that offers the features you need to get things done—and the durability to keep your customers' businesses up and running. Triton is more than a major advancement in water heating—it's an absolute game changer.

### ELIMINATE THE EMERGENCY

Triton's **BUILT-IN INTELLIGENCE** helps eliminate business downtime.

- **LeakSense™** – Detects leaks as small as a grain of sand—the most accurate leak detection available<sup>1</sup>
- **LeakGuard™** – Prevents leaks with an all-inclusive detection system and proprietary auto shut-off valve, limiting leakage to no more than 24 ounces of water<sup>2,3</sup>
- **EcoNet® Smart Monitoring Technology with Integrated WiFi** – Exclusive technology provides performance updates and alerts via both mobile device and full-color LCD display
- **Systematic Health Checks** – Ongoing self-monitoring to detect and alert potential issues
- **Preventive Maintenance Reminders** – Help extend life of the tank



### EASY TO RETROFIT

Triton is great for new construction, but it really shines in **REPLACEMENT** applications. Designed to replace any other commercial gas water heater, Triton:

- Manifolds with any other brand of commercial gas water heater
- Features a total of five water inlet and outlet connections for easy piping
- Offers compatibility with a variety of flexible venting options; installed in power direct and power vent configurations

### BUILT TO LAST LONGER

From its **ASME-grade steel** heat exchanger to its power anode rod, every aspect of Triton has been chosen to deliver the **DURABILITY** you need in a commercial water heater.

- Built to last five years longer than the industry standard, saving more than \$4,500 on replacement costs<sup>4</sup>
- Backed by a 5-year warranty<sup>2</sup>

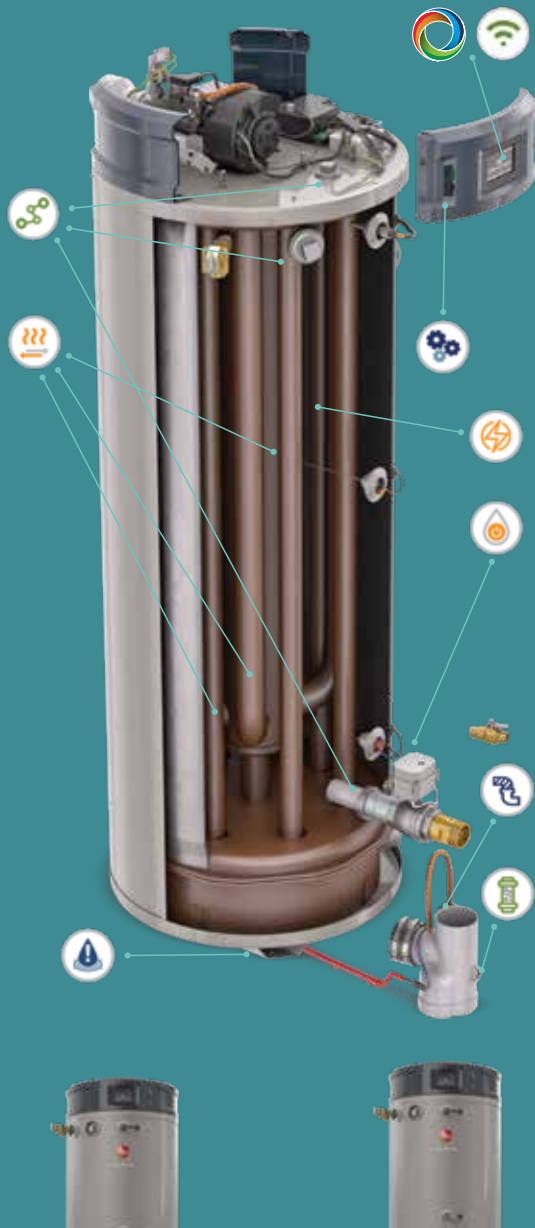


### THE TRITON ADVANTAGE

- Eliminate the Emergency
- Easy Retrofit
- Built to Last

<sup>1</sup>Source: Rheem Leak-Sensing Data Review. Average grain of sand is 100 micrometers. Calculations from test include flow through an orifice of this size, driven by a pressure of 40 PSI, resulting in approximately 0.1 gallons/hour flow rate. <sup>2</sup>SS model only. <sup>3</sup>Source: Rheem® Leak-Sensing Data Review; testing under a vacuum using a 50-gallon, no-expansion tank with average tank pressure of 50 PSI. <sup>4</sup>Source: According to the U.S. Department of Energy, a commercial water heater is expected to last seven years. Test data shows Triton is rated to last 12 years. The longer life will help avoid estimated replacement costs of \$4,500.





### TRITON SU MODEL

#### FEATURES:

- 130K–400K BTU/h
- LeakSense
- Easy Retrofit Across Brands
- Health Checks
- Built-in Condensate Neutralizer
- EcoNet Smart Monitoring Technology
- Integrated WiFi
- Scheduling Capability
- Advanced Power Anode
- Full Modulation
- 3-Year Warranty



### TRITON SS PREMIUM MODEL

#### STANDARD FEATURES OF THE TRITON SU BASE MODEL, PLUS:

- LeakGuard
- Integrated BMS Connectivity
- BACnet (MS/TP)
- Energy Usage Reports
- Water Usage Reports
- 5-Year Warranty

## TRITON PRODUCT FEATURES

### BUILT-IN INTELLIGENCE



#### LeakGuard

All-inclusive leak detection and prevention system with proprietary auto shut-off valve limits leakage to no more than 24 ounces of water



#### LeakSense

Intelligent leak detection system catches leaks as small as a grain of sand and provides real-time leak notifications



#### EcoNet Smart Monitoring Technology With Integrated WiFi

Exclusive technology provides performance updates and alerts via both mobile device and full-color LCD display



#### Integrated BMS Connectivity Via BACnet (MS/TP)

Built-in BACnet port easily connects to building management systems (BMS)

### EASY INSTALLATION OR REPLACEMENT



#### Multiple Connection Points

Water connections at the top, side, bottom, front and back



#### Variety of Venting Options

Ideal for replacement and new installs with a selection of the most flexible venting choices



#### Patented Built-in Condensate Neutralizer

Built-in condensate neutralizer reduces water acidity for safe drainage at no additional cost

### BUILT TO LAST 5 YEARS LONGER



#### Triple-Pass Heat Exchanger

Constructed with premium **ASME-grade steel** to minimize rust and corrosion for extended tank life and maximum thermal efficiency



#### Advanced Power Anodes

Self-adjusting, non-sacrificial power anodes provide systematic monitoring of anode health and present remaining life on full-color LCD unit display



CONTROL  
UP TO **20**  
**TANKLESS  
WATER HEATERS**  
WITH NO ADDED  
ACCESSORIES



## MAXIMIZES WATER AND ENERGY SAVINGS, PLUS KEEPS INSTALL COSTS TO A MINIMUM



### LOWER INSTALLATION COSTS

Allows for in-line or back-to-back common venting of up to 10 units and room air intake configurations



### REDUCED DOWNTIME

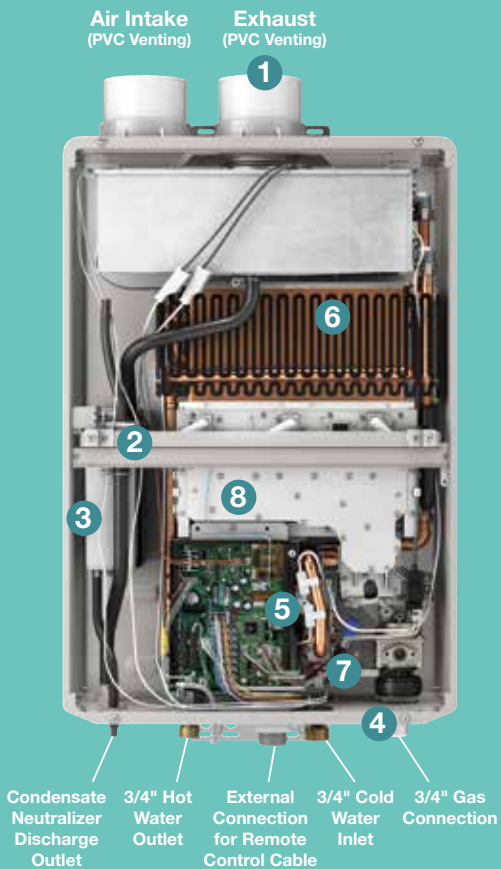
Having multiple units working together creates redundancy, so if one tankless water heater goes down, your customer's business stays up and running

Thermal Efficiency	Up to <b>96%</b>
Venting Type	Vents with <b>Schedule 40 PVC</b> or <b>PPs</b>
Unit Dimensions	<b>27-1/2" H x 18-1/2" W x 9-3/4" D</b>
Unit Weight	<b>82 lbs.</b>
Warranty	Heat Exchanger: <b>5 Years</b>
	Parts: <b>5 Years</b>
	Labor: <b>1 Year</b>
Ultra Low NOx	<b>All Natural Gas Models</b>
High Altitude	<b>Up to 8,400 ft.</b>

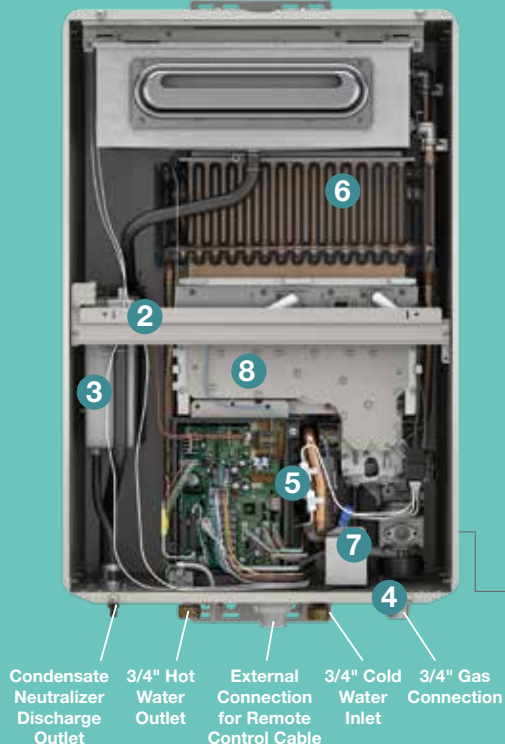
Description	Commercial Tankless	Commercial Tankless WITH Manifold Control
Indoor – Nat. Gas	RTGH-C95DVLN	RTGH-C <u>M</u> 95DVLN
Indoor – LP Gas	RTGH-C95DVLP	RTGH-C <u>M</u> 95DVLP
Outdoor – Nat. Gas	RTGH-C95XLN	RTGH-C <u>M</u> 95XLN
Outdoor – LP Gas	RTGH-C95XLP	RTGH-C <u>M</u> 95XLP



## INDOOR



## OUTDOOR



## SAVE TIME

- 1 PVC Venting Compatible**  
Vent individual units with 2", 3" and 4" PVC, saving time and money
- 2 Common Vent Compatible**  
Vent up to 10 units together to save space and reduce outside wall penetrations
- 3 Built-In Condensate Neutralizer**  
**RHEEM EXCLUSIVE**  
Safely dispose of condensate without extra installation cost and time
- 4 Half-Inch Gas Line Compatible up to 24 ft.<sup>1</sup>**  
Saves money and time on installation to an existing system
- 5 Freeze Protection**  
**Industry Best!**  
Ceramic heaters on copper pipes protect from 40°F to -30°F, allowing outdoor installation

## INSTALL MORE

- 6 Overheat Film Wrap**  
**RHEEM EXCLUSIVE**  
Safety feature prevents dangerous temperatures allowing industry-best, 1/2" side-to-side clearance to combustibles
- 7 Low-Flow Activation**  
**Industry Leading!**  
Minimum flow rate of .26 GPM and activation flow rate of .40 GPM ensures hot water in low demand situations
- 8 Six-Stage Modulating Burner**  
Tight control over burner energy efficiency
- 9 EcoNet® Enabled**  
All models from 2010 to present can connect to EcoNet mobile app via Tankless EcoNet Accessory Kit (REWRA630TWH)
- 10 Manifold-Ready**  
Models with manifold control easily connect up to 20 units with no additional accessories required



<sup>1</sup>Based on Rheem testing of 1/2" gas line with gas supply of 7" w.c. up to 24'; Installation conditions vary; Consult the Rheem Use and Care Manual, the Rheem Gas Piping Facts brochure (TK-GPF-12), the National Fuel Gas Code (NFPA 54, ANSI Z223.1) and any other local gas codes when installing a Rheem Tankless Water Heater.

# Ultra High Efficiency Gas | Rheem® Tankless Systems

This **CUSTOM-BUILT SOLUTION** arrives on the jobsite factory-assembled with single-point connections.

## SYSTEMS INCLUDE:

- Powder coated, galvanized steel frame
- RTGH-CM condensing tankless water heaters
- Factory installed system control manifold
- Pre-sized water and gas manifold
- Electrical wiring
- Condensate line

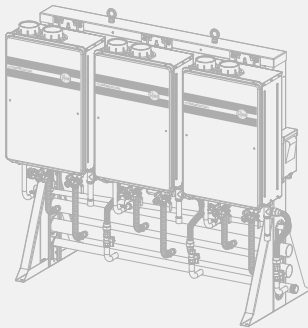
## SYSTEM CONFIGURATIONS:

- Wall-mounted, wall-hung, and free-standing options
- Scalable from 2–6 tankless units per system (up to 1,199,400 BTU/h max. with 6 units)

**REDUCE  
INSTALLATION  
COSTS**  
with single-point  
connections



## FREE-STANDING SYSTEM



RTR-FS420DVL



RTR-FS411DVL



RTR-FS630DVL



RTR-FS421DVL



RTR-FS422DVL

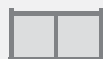
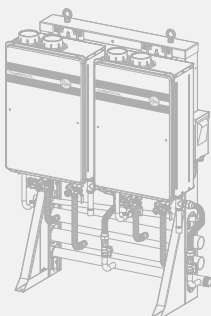


RTR-FS632DVL



RTR-FS633DVL

## WALL-MOUNT SYSTEM

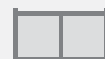
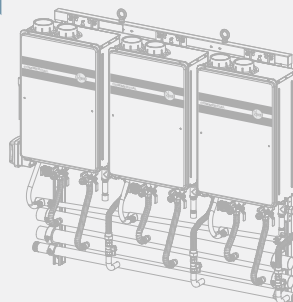


RTR-WM220DVL



RTR-WM330DVL

## WALL-HANGING SYSTEM



RTR-WH220DVL



RTR-WH330DVL

**NOTE:** All model numbers on this page represent indoor configuration. For outdoor models, replace DV with X. For natural gas models, add N to the end of the model number, for liquid propane models, add P (LP models available for all wall-mount and wall-hanging configurations and for all outdoor free-standing configurations).



## COMMON VENTING SOLUTIONS

Save space and materials while reducing outer wall penetrations with Rheem polypropylene (PPs) common-venting kits.

- In-line or back-to-back options
- Room air intake or direct vent
- Up to 10 units together
- 6", 8" and 10" trunk lines
- Header kits and vent run accessories

**NOTE:** If heaters are common vented, up to 20 units can still be manifolded in a bank, however, the venting cascade must be limited to 10 units.

### EASY TO INSTALL

- Gasketed, push-fit connection system installs quickly and easily
- No glues, primers or solvents required
- Directional gasket and flow arrows ensure proper vent layout
- Connector rings install where needed in seconds, ensuring UL-1738 and ULC-S636 compliance
- Venting parts can be field cut to length to meet any venting requirement

### TESTED & APPROVED BY RHEEM

- Tested and listed by Intertek to UL-1738 and ULC-S636
- Zero clearance to combustibles in all applications
- UV rated
- LEED friendly



PPS IS  
**28%  
LIGHTER**  
THAN PVC<sup>1</sup>



	Centrotherm PPs	PVC	CPVC
<b>Chemical Resistance</b>			
Aromatic Hydrocarbons	✓	X	X
Sulfuric Acid	✓	X	X
Hydrochloric Acid	✓	X	X
<b>UL Listed (-4°F to 230°F)</b>	Listed	Not Listed	Not Listed
<b>Actual Working Temperature</b>	32°F (0°C) 248°F (120°C)	50°F (15°C) 149°F (65°C)	50°F (15°C) 194°F (90°C)
<b>Softening Temperatures</b>	302°F (150°C)	176°F (80°C)	200°F (93°C)
<b>Environmentally Friendly Production</b>	✓	X	X
<b>No Chloride Leaching</b>	✓	X	X
<b>100% Recyclable</b>	✓	X	X

**NOTE:** Temperature values in table represent exhaust flue temperatures. For approximate max. water set point temperatures, subtract 20°F.

Diameter	% of Centrotherm PPs weight vs. PVC	Weight Per Foot (lbs.)		
		Centrotherm PPs	PVC Sch. 40	CPVC Sch. 80
3"	23%	0.32	1.41	2.09
4"	33%	0.66	2.01	3.05
6"	40%	1.42	3.53	5.82
8"	28%	1.50	5.39	8.83
10"	27%	2.00	7.55	13.09

**NOTE:** Header kits include all required venting pieces to connect multiple units. Additional vent run accessories are required to complete installation.

<sup>1</sup>For 8" trunk lines.

## THE SMARTEST, MOST EFFICIENT electric water heater in its class.

### EASY TO SELL

- Delivers more hot water than most standard electric water heaters
- Eligible for national utility rebates
- High Efficiency 3.55–3.70 UEF
- Lower annual operating costs

### EASY TO INSTALL & SERVICE

- Easily replaces a standard electric water heater
- Duct ready – inlet and exhaust
- No duct adapter required
- Vertical and horizontal shipping
- Easy access to side connections and quick access to electrical junction box
- 3/4" NPT water inlet and outlet; 3/4" condensate drain connections
- Easily accessible, top-mounted washable air filter
- Enhanced-flow brass drain valve
- Temperature and pressure relief valve installed preventative maintenance alerts make service scheduling easy
- Water sensor
- 10-year warranty



AVAILABLE IN  
50-, 65- AND  
80-GALLON  
MODELS

### PERFORMANCE INFORMATION

150°F maximum temperature setting		
Model	Recovery Capacity (gallons per hour)	First Hour Delivery
50-gallon	29 GPH	67 gallons
65-gallon	29 GPH	75 gallons
80-gallon	29 GPH	89 gallons



## SMART MONITORING TECHNOLOGY



### BUILT-IN PROTECTION AND INTELLIGENCE

- Integrated WiFi with mobile app<sup>1</sup>
- Built-in **LeakSense™** Leak Detection System
- Remote and local alert notification
- Smart monitoring of major system components
- Energy usage reports
- Various energy efficient operating modes



<sup>1</sup>WiFi Kit, WiFi broadband Internet connection and EcoNet App required; Notifications are dependent on external factors beyond Rheem's control.

Apple and the Apple logo are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc., registered in the U.S. and other countries.

Google Play and the Google Play logo are trademarks of Google LLC.



## Light Duty Electric with Terminal Block (ELD)

### DESIGNED WITH TERMINAL BLOCK

for easy field-level conversions.

#### TERMINAL BLOCK

- Easy to convert standard models from simultaneous to non-simultaneous, single-phase to three-phase
- Field convertible to meet any light-duty application need
- Available on 30–119.9-gallon models

#### REDUCED INVENTORY, INCREASED TURNS

- Stock terminal block fused 208V 6/6 kW for multiple conversions
- Single-phase to three-phase
- Simultaneous to non-simultaneous
- Any required wattage

#### FLEXIBLE DESIGN

- 208/240/277/480 voltages available on all models
- 3 kW–12.1 kW available on 30–50-gallon models
- 66-, 80- and 119.9-gallon models only available in 12.1 kW
- Reduces energy consumption and standby heat loss with 2-1/2" of rigid polyurethane foam insulation
- Surface-mounted thermostat automatically cycles on and off to maintain desired water temperature
- Available in short models
- Factory shipped in simultaneous configuration



AVAILABLE IN  
**FUSED AND  
NON-FUSED**  
CONFIGURATIONS

**NOTE:** All water heaters with power requirements over 48 amps come standard in the fused configuration.

For additional details and specifications:  
**Rheem.com/ELD**





## DESIGNED FOR LONG LIFE & TOP PERFORMANCE

- Proprietary protective steel formulation with a unique coat of high-temperature porcelain enamel
- Design maximizes corrosion resistance and life of anode rod
- Patented corrosion-resistant elements include double layer of magnesium oxide and copper to resist corrosion
- Durable factory-installed full-flow brass drain valve
- Low lead compliant

## PERFORMANCE INFORMATION

170°F maximum delivered temperature

Limited tank warranty – 3 years, upgradable to a 5 year with a 1-year limited parts warranty

Model	Recovery Capacity (gallons per hour)	First Hour Delivery
30-gallon	Up to 24 GPH	46 gallons
40-gallon	Up to 24 GPH	55 gallons
50-gallon	Up to 24 GPH	63 gallons
66-gallon	Up to 24 GPH	N/A
80-gallon	Up to 24 GPH	N/A
120-gallon	Up to 24 GPH	N/A

**WITH TERMINAL BLOCK,** Rheem® makes field-level conversions easy.

## CHOOSING THE RIGHT CONVERSION KIT

- 1 Identify** the required voltage and heating element wattage
- 2 Choose** the gallon capacity required
- 3 See chart** to choose the compatible conversion kit



Stock the  
208V 6/6 for  
**MAXIMUM  
FLEXIBILITY**

**RHEEM ELD FIELD CONVERSION CHART**

VOLTAGE		208V					240V					277V					480V					
ELEMENT WATTAGE		3/3	4/4	4.5/4.5	5/5	6/6	3/3	4/4	4.5/4.5	5/5	6/6	3/3	4/4	4.5/4.5	5/5	6/6	3/3	4/4	4.5/4.5	5/5	6/6	
CONVERSION KIT MODEL NUMBERS																						
GALLON CAPACITY	30	SP20943	SP20944	SP20945	SP20946	SP20947	✓	SP20948	SP20949	SP20950	SP20951	SP20952	SP20953	SP20954	SP20955	SP20956	SP20957	SP20958	SP20959	SP20960	SP20961	SP20962
	40																					
	50																					
	66	SP20967	SP20968	SP20969	SP20970	SP20971	✓	SP20972	SP20973	SP20974	SP20975	SP20976	SP20977	SP20978	SP20979	SP20980	SP20981	SP20982	SP20983	SP20984	SP20985	SP20986
	80																					
	120																					

ELEMENT WATTAGE	VOLTAGE				
	208	240	277	480	
3,000	Non-Fused				
4,000					
4,500					
5,000	Fused	Non-Fused			
6,000	Fused				Fused
6,050	Fused				Fused

NOMINAL GALLON CAPACITY	MODEL NUMBERS	
	NON-FUSED	FUSED
30	ELD30-TB	ELD30-FTB
40	ELD40-TB	ELD40-FTB
50	ELD52-TB	ELD52-FTB
65	ELD66-TB	ELD66-FTB
80	ELD80-TB	ELD80-FTB
119.9	ELD120-TB	ELD120-FTB
28	ELDS30-TB	ELDS30-FTB
36	ELDS40-TB	ELDS40-FTB
47	ELDS52-TB	ELDS52-FTB

**NOTE:**

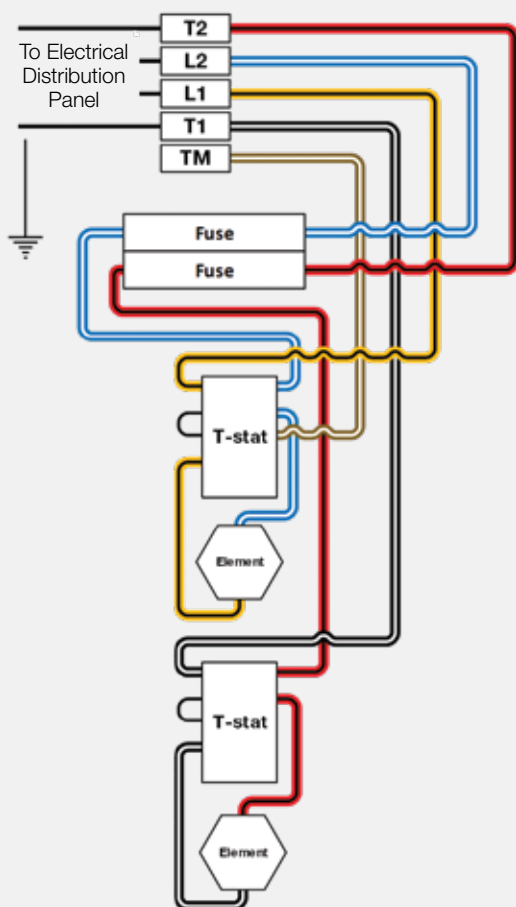
- All models are shipped in SIM configuration
- Available in fused or non-fused (fused if over 48 amps)
- Recommending stocking option = **ELD## -FTB**
- For greater flexibility, order model numbers ending in FTB (fused terminal block)

## TERMINAL BLOCK CONNECTION OPTIONS

- 1 Simultaneous to non-simultaneous
- 2 Single-phase to three-phase
- 3 Heating element, with element kit

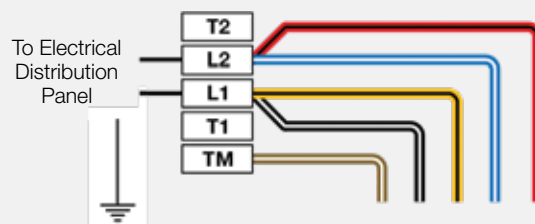
### FACTORY WIRING 4 WIRE SIMULTANEOUS

Secondary  
Branch to Electrical  
Distribution Panel,  
Off-Peak Meter  
or Timer

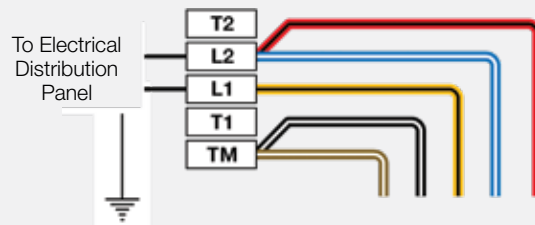


Terminal block connections are the same for non-fused, but with a horizontal wiring orientation.

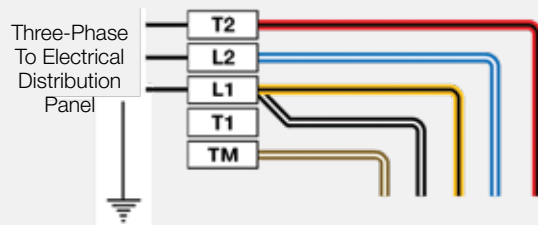
### SINGLE-PHASE SIMULTANEOUS



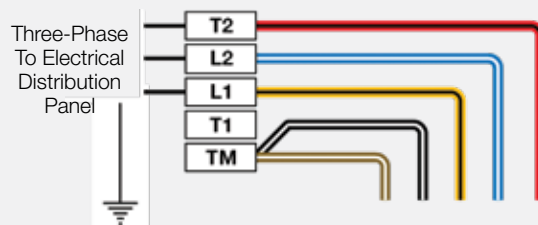
### SINGLE-PHASE NON-SIMULTANEOUS



### THREE-PHASE SIMULTANEOUS



### THREE-PHASE NON-SIMULTANEOUS





### MARATHON ECLIPSE NON-METALLIC ELECTRIC WATER HEATERS provide unmatched strength and durability.

#### UNMATCHED STRENGTH & DURABILITY

- High efficiency – **98%** thermal efficiency
- Rust and corrosion proof
- Inner tank: non-metallic, blow molded polybutene / filament-wound fiberglass
- Dent- and scratch-resistant polybutene tank design
- Titanium upper and lower elements for superior resistance to lime build-up
- High temperature polysulfone dip tube
- Lightweight, all-plastic tank is easy to maneuver and position
- Backed by a 10-year limited tank warranty
- Field-level conversion
- Eligible for national utility rebates
- Ideal for light- and medium-duty applications
- Compatibility with high-temperature applications up to 170°F

#### TERMINAL BLOCK

- Easy to convert standard models from simultaneous to non-simultaneous, single-phase to three-phase
- Field convertible to meet any light-duty application need
- Available on all models

#### HIGH EFFICIENCY SAVINGS

- **98%** thermal efficiency
- Polyurethane insulation reduces energy consumption and standby heat loss
- Pipe wrap kit included to achieve maximum energy savings
- Well-insulated for reduced standby heat loss

ENDLESSLY  
FLEXIBLE  
RELENTLESSLY  
DURABLE



For additional details and specifications:  
**[Rheem.com/MELD](http://Rheem.com/MELD)**



ECLIPSE

SAVE UP TO  
**\$4,000**  
IN REPLACEMENT  
COSTS<sup>1</sup>

RUST &  
CORROSION  
PROOF

#### PERFORMANCE INFORMATION

Model	Recovery Capacity (gallons per hour)	First Hour Delivery
75-gallon	18.2 GPH	78 gallons
85-gallon	18.2 GPH	91 gallons
105-gallon	18.2 GPH	104 gallons

<sup>1</sup>Savings based on 7-year average life of a commercial water heater as defined by NOPR (DOE). Customer will replace 2 tanks for every 1 Eclipse. Replacement tank estimated cost is \$4,000.

**SAME LIGHTWEIGHT TANK** for light- to medium-duty high voltage applications.

### PRODUCT HIGHLIGHTS

- Backed by a 10-year warranty
- Up to 24kW
- Ideal for light- and medium-duty applications
- High efficiency – **98%** thermal efficiency
- System Sentinel™ LED indicators are provided for each element to show when power is on
- Four titanium elements – resistant to lime build-up
- Dent and scratch resistant polybutene tank design
- Well-insulated for reduced standby heat loss



AVAILABLE IN  
**85- AND  
105-GALLON  
MODELS**





## EASY INSTALLATION & SERVICE

- Control circuit switch provided for dry-fire protection during installation
- Bowl-shaped tank bottom drains completely
- Recessed drain valve is out of the way of brooms and scrubbers

## AUTOMATIC TEMPERATURE CONTROL

- Automatic Temperature Control – surface-mounted thermostat automatically cycles on and off to maintain desired water temperature
- 170°F maximum temperature setting

## ADDITIONAL FEATURES

- Four titanium elements for resistance to lime build-up
- Full-port, full-flow, brass drain valve for faster draining
- Temperature and pressure relief valve at top of unit
- Water connections at the top of the tank are 1" swivel nuts. A nipple is installed on the outlet (1" x 3" long). The inlet has a vacuum valve connected with a 1 x 1 x 3/4 tee and a 1" close nipple to the swivel
- Factory-installed vacuum relief valve
- Standard replacement parts

## PERFORMANCE INFORMATION

Recovery rate: Up to 99 GPH at a 100°F rise

Limited tank warranty – 10 years, parts – 1 year

Model	Recovery Capacity (gallons per hour)	First Hour Delivery
75-gallon	18.2 GPH	78 gallons
85-gallon	18.2 GPH	91 gallons
105-gallon	18.2 GPH	104 gallons

**NO  
ANODE ROD  
REQUIRED**

## DISCOVER OUR ADVANCED TECHNOLOGY



### Premium Grade Anode Rod

Fortified with extra magnesium, the anode rod slows corrosion. It lasts longer, prolonging the life of the tank. The anode also minimizes “smelly” water conditions, a frequent by-product of an overactive anode in aggressive water conditions.



### System Sentinel™ & LCD Diagnostics

This diagnostic system provides easy monitoring of key gas and electric systems with immediate, up-to-date information, taking the guesswork out of installation, maintenance and service. On electric models, the LED lights up quickly to identify a non-functioning element. System Sentinel and LCD Diagnostics allow you to make more efficient use of your time.



### Lifeguard™ Electric Elements

Lifeguard's outer sheath is made of the same durable stainless steel used in premium electric range elements. They resist burnout and corrosion, offering years of trouble-free operation.



### Brass Drain Valve

Our factory installed, full-port, full-flow brass drain valve provides faster draining and servicing.

## TRITON™ INNOVATIONS



### TRITON MODELS

#### LeakGuard™

This all-inclusive leak detection and prevention system with a proprietary auto shut-off valve prevents catastrophic damage and allows no more than 24 ounces of water to escape the tank in a vacuum lock.



### TRITON MODELS

#### LeakSense™

This intelligent leak detection system catches leaks as small as a grain of sand and provides real time alerts that help to prevent catastrophic failure.



### TRITON MODELS

#### Triton Flex Venting

Available option for Triton installations, polypropylene venting makes it easier and cost effective to go from standard to high efficiency gas. Plus, reduces installation time.



### TRITON MODELS

#### Patented Built-in Condensate Neutralizer

Built-in condensate neutralizer reduces water acidity or safe drainage at no additional cost time alerts that help to prevent catastrophic failure.

## EcoNet® Smart Monitoring Technology with Integrated WiFi



### SMART MONITORING TECHNOLOGY

**Monitors the unit's most vital components** remotely on a mobile device via the EcoNet app.



### SCHEDULING AND REPORTING

**Features energy and water usage reporting** to track trends and identify spikes from potential system issues.



### PREVENTATIVE MAINTENANCE ALERTS

**Provides more control** with the ability to receive maintenance alerts and reminders for multiple sites via the EcoNet app.



### DETECTION AND PREVENTION

**Delivers leak detection alerts** and allows the choice between shutting off the water or keeping it running until a replacement can be installed.

# Commercial Solutions

## PERSONALIZED SERVICE & SYSTEM SOLUTIONS



### EliteXpress

Our most popular models will be ready and waiting for the plumbing contractor at any of our Rheem commercial water heater distributors' warehouses within 48 hours or less from the time of purchase order.



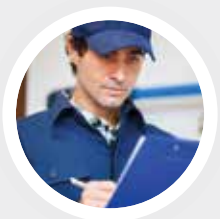
### Tech Support

Our dedicated Technical Support Team is available five days a week with the latest on installations, applications, sizing, field repairs and more. **1-800-Heater3 (1.800.432.8373)**



### CertiSpec Sizing Guide

For the best and quickest way to spec Rheem commercial products, go to: **[Rheem.com/CertiSpec](http://Rheem.com/CertiSpec)**.



### Plumber Support Group

Our Plumber Support Team is always ready to help our plumbers when they need a little info. From information about product stats to installation questions, experienced, knowledgeable experts are just a call away. **1.866.339.2388**



### Innovation Learning Centers

If you would like to know more about selling and installing commercial water heaters, Rheem would like help you to become "The Commercial Water Heating Specialist" in your local market. A few days of intensive training for you and your staff can mean much higher profits in the years ahead. For more training information, please contact your local sales agent or email **[sales@rheem.com](mailto:sales@rheem.com)**.



### Professional Sizing Solutions

Our applications engineers are committed to providing concierge-level service for all commercial applications. To get your job sized, contact: **[application.engineering@rheem.com](mailto:application.engineering@rheem.com)**.



**Commercial KwikComfort® Financing**—via Fernwood Capital™ & Leasing—provides financing options for business owners and national accounts, so you can:

- Increase sales with more affordable equipment
- Improve rate of repeat business
- Receive faster payment to your company
- Increase profits by selling monthly payments, not total cost

**[MyRheem.com/CommercialKwikComfortFinancing](http://MyRheem.com/CommercialKwikComfortFinancing)**

# Rheem® Commercial Gas Product Line

## ULTRA HIGH EFFICIENCY



### TRITON™

- Sealed-combustion condensing water heaters with up to 98% thermal efficiency
- Faster, less costly venting – Polypropylene, PVC, CPVC, Flex Vent and ABS materials; 2", 3", 4" and 6"
- ASME-grade steel heat exchanger
- Touchscreen diagnostics system
- 80- and 100-gallon capacities
- 130,000–400,000 BTU/h

#### Limited Warranty

- SU Models Tank – 3 years
- SS Models Tank – 5 years
- Parts – 1 year



### SUPER DUTY

- Advanced new of condensing gas water heaters that delivers 93% thermal efficiency
- Patented heat transfer system to cut fuel costs and built to last
- Vents with 4" or 6" diameter PVC plastic pipe
- LCD interface
- 119- and 125-gallon capacities
- 500,000 BTU/h

#### Limited Warranty

- Tank – 3 years
- Parts – 1 year



### ADVANTAGEPLUS™

- Sealed-combustion design delivers 95% thermal efficiency
- Optimizes efficiency and operating reliability
- No chimney required
- 55-, 80-, and 119-gallon capacities
- 100,000–199,000 BTU/h

#### Limited Warranty

- Tank – 3 years
- Parts – 1 year

## HEAVY DUTY



ELITE  
XPRESS

### UNIVERSAL™

- 80% thermal efficiency
- Designed to fit into tight retrofit applications – compact with multiple water connections
- Space-saving tank design
- System Sentinel™ LED Diagnostic System
- Multi-flue tank design
- 35- to 100-gallon capacities
- 98,000–399,000 BTU/h

#### Limited Warranty

- Tank – 3 years, upgradeable to 5 years
- Parts – 1 year



ULTRA  
LOW NOx

ELITE  
XPRESS

LOW NOx

### UNIVERSAL™ LOW NOx & ULTRA LOW NOx

- 80–82% thermal efficiency
- Designed to fit into retrofit applications
- System Sentinel™ LED Diagnostic System
- Low NOx burner meets 40 ng/J NOx requirements
- Ultra-low NOx burner meets 14 ng/J NOx requirements
- 35- to 100-gallon capacities
- 125,000–399,900 BTU/h

#### Limited Warranty

- Tank – 3 years, upgradeable to 5 years
- Parts – 1 year

## HEAVY DUTY continued



### UNIVERSAL™ INDUCED DRAFT

- 80% thermal efficiency
- Universal tank design - multiple water connections
- Short floor-to-vent heights
- Small jacket diameters
- Multiple water connections
- 100-gallon capacity
- 250,000–360,000 BTU/h

#### Limited Warranty

- Tank – 3 years, upgradeable to 5 years
- Parts – 1 year



ELITE  
XPRESS

### XTREME™

- 80% thermal efficiency
- Advanced line of fast recovery commercial water heaters – up to 756 GPH at 100°F rise
- Space-saving tank design
- 90-gallon capacity
- High-input – 500,000–715,000 BTU/h

#### Limited Warranty

- Tank – 3 years, upgradeable to 5 years
- Parts – 1 year



ELITE  
XPRESS

### VENTMASTER™

- 80% thermal efficiency
- Power direct vent – vents up to 50'
- Natural gas only
- Eliminates negative air pressure by drawing combustion air from outside
- Easy installation – 3" or 4" schedule 40 PVC pipe
- 100-gallon capacity
- 199,900–250,000 BTU/h

#### Limited Warranty

- Tank – 3 years, upgradeable to 5 years
- Parts – 1 year



### HOT WATER SUPPLY HEATERS

- 82% thermal efficiency
- Indoor and outdoor installations
- Certified for a 160 PSI maximum working pressure
- 136,000–1,826,000 BTU/h

#### Limited Warranty

- Tank – 1 year
- Parts – 1 year
- Heat Exchanger – 5 years



ELITE  
XPRESS

ULTRA LOW NOx

### MEDIUM DUTY & MEDIUM DUTY ULTRA LOW NOx

- 80% thermal efficiency
- Use where medium quantities of hot water are required
- Short floor-to-vent heights
- 48- to 100-gallon capacities
- 54,000–80,000 BTU/h
- Ultra-low NOx burner meets 14 ng/J NOx requirements

#### Limited Warranty

- Tank – 3 years, upgradeable to 5 years
- Parts – 1 year

## MEDIUM DUTY continued



ELITE  
XPRESS

### POWER VENT

- 80% thermal efficiency
- Use where medium quantities of hot water are required
- Uses 3" or 4" schedule 40 PVC, CPVC or ABS pipe
- Vents up to 95'
- 75-gallon capacity
- 75,100 BTU/h

#### Limited Warranty

- Tank – 3 years, upgradeable to 5 years
- Parts – 1 year



### POWER DIRECT VENT

- 80% thermal efficiency
- Use where medium quantities of hot water are required
- Two pipe system: one pipe pulls in outside air for combustion, the other exhausts combustion gases
- Flammable vapor detection sensor
- 50- and 75-gallon capacities
- 47,000–75,100 BTU/h

#### Limited Warranty

- Tank – 3 years, upgradeable to 5 years
- Parts – 1 year

## TANKLESS GAS



### TANKLESS

- Up to 96% efficiency
- Max temperature of 185°F
- 11,000–199,000 BTU/h high-efficiency condensing
- Manifold control models available
- Vents with common venting

#### Limited Warranty

- Heat Exchanger – 5 years
- Parts – 5 years
- Labor – 1 year



### TANKLESS SYSTEMS

- Custom-built, factory-assembled with single point connections
- RTGH-CM95 condensing models
- Three configurations: wall mounted, wall hung and free-standing systems
- 2–6 units per system

#### Limited Warranty

- Heat Exchanger – 5 years
- Parts – 5 years
- Rack Parts – 1 year
- Labor – 1 year



# Commercial Electric Product Line

## CUSTOM HEAVY DUTY



### LARGE VOLUME HIGH-POWER

- Vertical round, square and horizontal
- Glass lined tank
- 150- to 2,500-gallon storage
- 208, 240, 277, 380, 415, 480 and 600 voltages
- 144 kW–900 kW

#### Limited Warranty

- Tank – 3 Years
- Parts – 1 Year

## HEAVY & MEDIUM DUTY



ELITE  
XPRESS

### HEAVY DUTY

- Surface mounted and immersion thermostat models available
- System Sentinel™ LED Diagnostic System
- 50-, 85-, 120- and 175-gallon capacities
- 208, 240, 277 and 480 voltages
- 3 kW–108 kW

#### Limited Warranty

- Tank – 3 years, upgradeable to 5 years
- Parts – 1 year
- Element – 3 years



ELITE  
XPRESS

### POWERPACK™

- System Sentinel™ LED Diagnostic System
- Minimal heat loss design
- Immersion thermostat
- Lifeguard™ stainless steel element
- ASME only
- 12-, 20-, 30- and 40-gallon
- 208, 240, 277 and 480 voltages
- 3 kW–36 kW capacities

#### Limited Warranty

- Tank – 3 years, upgradeable to 5 years
- Parts – 1 year
- Element – 3 years



### ECLIPSE™

- 98% thermal efficiency
- Polybutene tank – durable and lightweight
- No anode rod required
- 85- and 105-gallon capacities
- 208, 240, 277 and 480 voltages, single or three phase
- Inputs from 12, 18 and 24 kW

#### Limited Warranty

- Tank – 10 years
- Parts – 1 Year



### HYBRID

- 3.55–3.70 UEF
- Exceeds NEEA Tier 3 requirements
- Duct accessory kit not required
- Full-color LCD display
- 37–145°F Ambient operating temperature range
- Service notifications and water sensor alert with audible alarm
- 50-, 65- and 80-gallon capacities
- 208–240 Volt, 1PH, 30 Amps

#### Limited Warranty

- Tank and Parts – 3 years

## HEAVY & MEDIUM DUTY continued



ELITE  
XPRESS

### BOOSTER

- Designed to fit under counters and deliver sanitizing rinse for commercial dishwashers
- System Sentinel™ LED Diagnostic System
- Immersion thermostat
- Manual reset high limit control
- 6" stainless steel legs
- 208, 240, 277 and 480 voltages
- 6 kW–54 kW

#### Limited Warranty

- Tank – 3 years, upgradeable to 5 years
- Parts – 1 year

## LIGHT DUTY



### MARATHON® ECLIPSE™

- Terminal block available on all models – easily convert standard models from simultaneous to non-simultaneous, single-phase to three-phase
- Lightweight and easy to install
- 75-, 85- and 105-gallon capacities

#### Limited Warranty

- Tank – 10 years
- Parts – 1 year



### LIGHT DUTY WITH TERMINAL BLOCK

- Easily convert standard models from simultaneous to non-simultaneous, single-phase to three-phase
- Porcelain enamel lined tank
- Automatic temperature control
- 30- to 119.9-gallon capacities
- 208, 240, 277 and 480 voltages
- 3 kW–12 kW

#### Limited Warranty

- Tank – 3 years, upgradeable to 5 years
- Parts – 1 year

New Conversion Kits Available

## POINT-OF-USE



ELITE  
XPRESS

### POINT-OF-USE

- Designed to eliminate costly temperature loss in long piping runs
- Porcelain enamel lined tank
- Heavy-duty anode rod
- 2.5-, 6-, 10-, 15-, 20- and 30-gallon capacities
- 120, 208, 240, 277 and 480 voltages
- 1440–6000 watts

#### Limited Warranty

- Tank – 3 years, upgradeable to 5 years
- Parts – 1 year

## TANKLESS ELECTRIC



### CLASSIC® SERIES TANKLESS ELECTRIC

- On demand, consistent and endless hot water
- Ideal for point-of-use or multiple applications
- Compact and stylish with digital temperature control
- Easy to install
- Nine models available – 3.5kW–36 kW

#### Limited Warranty

- Heating Chamber – 5 years
- Parts – 1 Year

## STORAGE TANKS



ELITE  
XPRESS

### STORAGE TANKS

- 80% thermal efficiency
- Designed for applications that need large quantities of hot water in a short period of time
- Long tank life
- Fits through a 30"–33" opening
- 2" rigid foam insulation
- 80-, 115- and 175-gallon capacities

#### Limited Warranty

- Tank – 5 years



### LARGE VOLUME STORAGE TANKS

- 80% thermal efficiency
- Porcelain enamel lined tank
- ASME-certified
- Available in jacketed and non-jacketed models
- 200-, 260-, 320-, 430-, 500-, 750- and 950-gallon capacities

#### Limited Warranty

- Tank – 5 years



# Rheem® Commercial Water Heating Service & Support

## CONTACT US

### **Customer Service & Support (Parts & Warranty):**

**Phone:** 1.800.621.5622

**Fax:** 1.800.535.9538

### **Plumber Support Group:**

**Phone:** 1.866.339.2388

### **Sizing & Selection Support:**

#### **Rheem Engineering:**

**Email:** [application.engineering@Rheem.com](mailto:application.engineering@Rheem.com)

### **Technical Support:**

**Main:** 1.800.432.8373 (1.800.HEATER3)

**EcoNet:** 1.800.255.2388

**Hybrid:** 1.800.995.0982

**Tankless Electric:** 1.800.347.8806

**Tankless Gas:** 1.866.720.2076



**[Rheem.com/CommercialWaterHeating](http://Rheem.com/CommercialWaterHeating)**

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