

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:

FEATURED INNOVATIONS

- Triton..... 4-5
- Tankless..... 6-9
- Light Duty Heat Pump..... 10-11
- Heavy Duty Heat Pump Split System..... 12-13
- Light Duty with Terminal Block..... 14-15
- Light Duty Electric Conversion Kits..... 16-17
- Marathon Eclipse..... 18-19

GAS

- Universal Low NOx & Ultra Low NOx 20
- Universal..... 21
- Hot Water Supply Heaters 22
- Xtreme 23
- Power Direct Vent..... 24
- Power Vent..... 24
- Medium Duty & Medium Duty Ultra Low NOx..... 25

ELECTRIC

- Large Volume Heavy Duty..... 26
- Booster..... 27
- Heavy Duty..... 28
- PowerPack..... 29
- Eclipse..... 30
- Point-of-Use..... 31
- Tankless Electric for Handwashing 32
- Storage Tanks..... 33
- EcoNet & KwikComfort Financing 34
- Personalized Services & Professional Learning..... 35



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

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.

FEATURED INNOVATIONS

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 available¹
- **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^{2,3}
- **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 costs⁴
- Backed by a 5-year warranty²

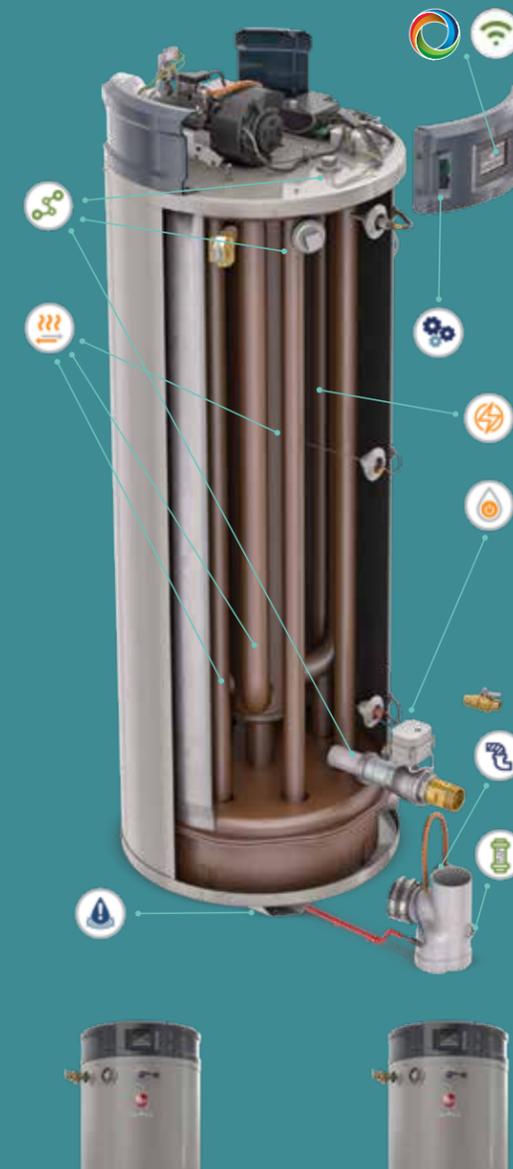
DESCRIPTION				DIMENSIONS (INCHES)			
GAL. CAP.	MODEL NUMBER	INPUT (BTU/H) NAT. & LP	THERMAL EFF.	HEIGHT	WIDTH	VENT	SHIP WT. (LB.)
80	GHE80SU/SS-130(A)	130,000	98%	67-7/8	26-3/8	2, 3, 4	600
80	GHE80SU/SS-160(A)	160,000	97%	67-7/8	26-3/8	2, 3, 4	600
80	GHE80SU/SS-200(A)	199,900	95%	67-7/8	26-3/8	2, 3, 4	650
80	GHE80SU/SS-130(A)	300,000	95%	67-7/8	26-3/8	3, 4, 6	650
100	GHE100SU/SS-130(A)	130,000	97%	77	26-3/8	2, 3, 4	725
100	GHE100SU/SS-160(A)	160,000	97%	77	26-3/8	2, 3, 4	725
100	GHE100SU/SS-200(A)	199,900	97%	77	26-3/8	2, 3, 4	775
100	GHE100SU/SS-250(A)	250,000	96%	77	26-3/8	3, 4, 6	775
100	GHE100SU/SS-300(A)	300,000	96%	77	26-3/8	3, 4, 6	775
100	GHE100SU/SS-400(A)	399,900	95%	77	26-3/8	3, 4, 6	775

UP TO 15 YEAR EXTENDED WARRANTY AVAILABLE⁵

THE TRITON ADVANTAGE

- Eliminate the Emergency
- Easy Retrofit
- Built to Last

Rheem.com/Triton



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 via 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

Rheem.com/Triton

¹Source: 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. ²SS model only. ³Source: Rheem® Leak-Sensing Data Review; testing under a vacuum using a 50-gallon, no-expansion tank with average tank pressure of 50 PSI. ⁴Source: 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. ⁵Available for purchase, Triton SS ASME warranty extension will take tank warranty from 5- to 15-year. Triton SU warranty extension will take tank warranty from 2- to 5-year.

FEATURED INNOVATIONS



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

Description	Commercial Tankless	Commercial Tankless WITH Manifold Control
Indoor – Nat. Gas	RTGH-C95DVLN	RTGH-CM95DVLN
Indoor – LP Gas	RTGH-C95DVL P	RTGH-CM95DVL P
Outdoor – Nat. Gas	RTGH-C95XLN	RTGH-CM95XLN
Outdoor – LP Gas	RTGH-C95XLP	RTGH-CM95XLP

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



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.¹**
Saves money and time on installation to an existing system

INSTALL MORE

- 5 Overheat Film Wrap**
RHEEM EXCLUSIVE
Safety feature prevents dangerous temperatures allowing industry-best, 1/2" side-to-side clearance to combustibles
- 6 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
- 7 Six-Stage Modulating Burner**
Tight control over burner energy efficiency
- 8 Manifold-Ready**
Models with manifold control easily connect up to 20 units with no additional accessories required



¹Based 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.

FEATURED INNOVATIONS

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

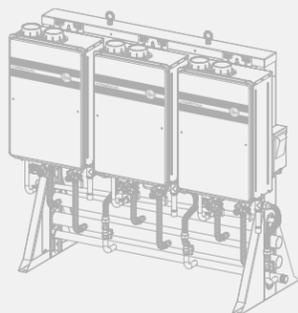
SYSTEM CONFIGURATIONS:

- 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



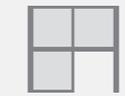
RTR-FS420DVL



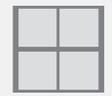
RTR-FS411DVL



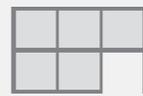
RTR-FS630DVL



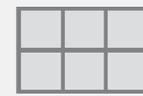
RTR-FS421DVL



RTR-FS422DVL

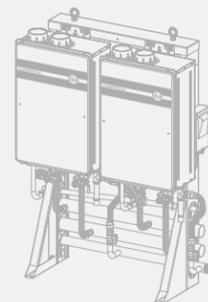


RTR-FS632DVL



RTR-FS633DVL

WALL-MOUNT SYSTEM

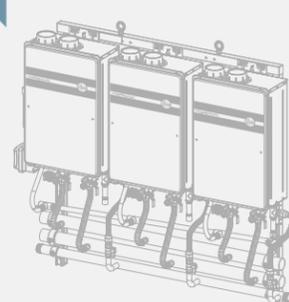


RTR-WM220DVL



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



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

PPS IS **28% LIGHTER** THAN PVC¹



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

FEATURED INNOVATIONS

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 up to 4.0 UEF
- Lower annual operating costs

EASY TO INSTALL & SERVICE

- Easily replaces a standard electric water heater
- Duct ready – inlet and exhaust
- 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
- Leak detection and prevention accessory ready
- Built-in WiFi technology and the EcoNet® App provide energy reports and system alerts to your mobile phone
- Various energy efficient operating modes
- Built-in CTA-2045 port
- 10-year warranty



AVAILABLE IN
40-, 50-, 65-
AND
80-GALLON
MODELS

For additional details and specifications:
Rheem.com/CommercialHPWH

PERFORMANCE INFORMATION

150°F maximum temperature setting

Model	Recovery Capacity (gallons per hour)	First Hour Delivery
40-gallon	27 GPH	60 gallons
50-gallon	27 GPH	67 gallons
65-gallon	27 GPH	75 gallons
80-gallon	27 GPH	87 gallons

SMART MONITORING TECHNOLOGY



BUILT-IN PROTECTION AND INTELLIGENCE

- Integrated WiFi with mobile app¹
- Remote and local alert notification
- Smart monitoring of major system components
- Energy usage reports
- Various energy efficient operating modes



¹WiFi Kit, WiFi broadband Internet connection and EcoNet App required; Notifications are dependent on external factors beyond Rheem's control. EcoNet app screens subject to change.

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.



FEATURED INNOVATIONS

ENERGY SAVINGS & EXCEPTIONAL DURABILITY

reduce building carbon footprint

SUSTAINABILITY & SAVINGS

- Super High Efficiency – Up to 75% lower energy use and operating cost than standard electric water heaters; Produces zero emissions
- ENERGY STAR® Certified – 135k BTUh models meet strict energy efficiency requirements
- Eligible for Incentives – Available rebates, incentives and tax credits offset initial capital costs
- Improves Building Ratings – System efficiency adds LEED points to building

PROVEN PERFORMANCE

- Proven Technology – While new in the US, this Rheem solution has been used in Australia's challenging environments for over a decade
- Suits Most Mild Climates – With automatic defrost and electric tank back-up for lower temps, system provides max hot water outlet temperature up to 150°F
- Exceptional Durability – Epoxy-coated evaporator coils provide protection in corrosive environments

FLEXIBLE INSTALLATION & SERVICE

- Multiple Installation Options – Vertical and horizontal exhaust orientations; Save space with stackable options
- Faster Servicing – on board diagnostics, system configuration and optional high level BMS connectivity via Modbus or BACnet
- Custom Support at Every Stage – Sizing & design, installation, maintenance and training

REDUCES ENERGY COSTS UP TO **75%**

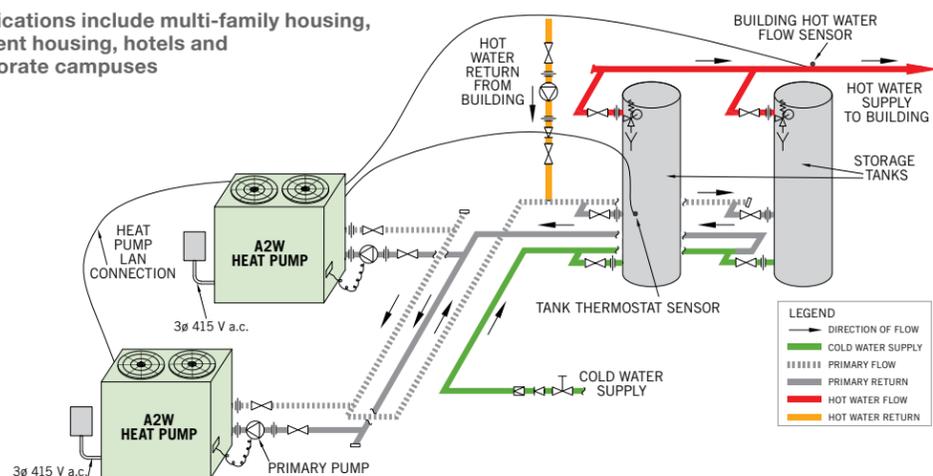


Available in Horizontal and Vertical options



For additional details and specifications:
[Rheem.com/CommercialHPWH](https://www.Rheem.com/CommercialHPWH)

Applications include multi-family housing, student housing, hotels and corporate campuses



Available Tanks:
ST Models – Storage and
E Models – Electric backup

BMS CONNECTIVITY



Rheem Commercial Heat Pumps (Split System) can be connected to a customer's Building Management System (BMS) or Building Automation System (BAS) via an interface card. Modbus or BACnet interface cards are available as accessories.

With this feature, the system is discoverable and can be remotely monitored and managed, making it easy for facility managers to receive equipment alarms on their dashboard and dispatch maintenance as needed.



Rheem® Light Duty Electric with Terminal Block (ELD)

FEATURED INNOVATIONS

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 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

Download spec sheet
from Rheem.com or ask
for form RR102CE-3TB

Light Duty with Terminal Block Models

DESCRIPTION				DIMENSIONS (INCHES)		
GAL. CAP.	MODEL NUMBER	MIN. WATTS	MAX. WATTS	HEIGHT	WIDTH	SHIP WT. (LB.)
30	ELD30-TB	3,000	12,000	47-1/2	19	125
40	ELD40-TB	3,000	12,000	48-1/4	20-1/4	140
50	ELD52-TB	3,000	12,000	58-5/8	20-1/4	155
65	ELD66-TB	12,100	12,100	59-3/8	22-1/4	185
80	ELD80-TB	12,100	12,100	59-5/8	23-3/4	220
119.9	ELD120-TB	12,100	12,100	62-7/8	28-1/4	335
30	ELDS30-TB	3,000	12,000	30	23	130
40	ELDS40-TB	3,000	12,000	31-1/2	24-1/4	150
52	ELDS52-TB	3,000	12,000	32	26-1/4	180

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

FEATURED INNOVATIONS

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



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

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

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	Call for conversion needs above 55 gallons																			
	80	Call for conversion needs above 55 gallons																			
120	Call for conversion needs above 55 gallons																				

ELEMENT WATTAGE	VOLTAGE			
	208	240	277	480
3,000	TB Models			
4,000				
4,500				
5,000	FTB Models			
6,000				
6,050				

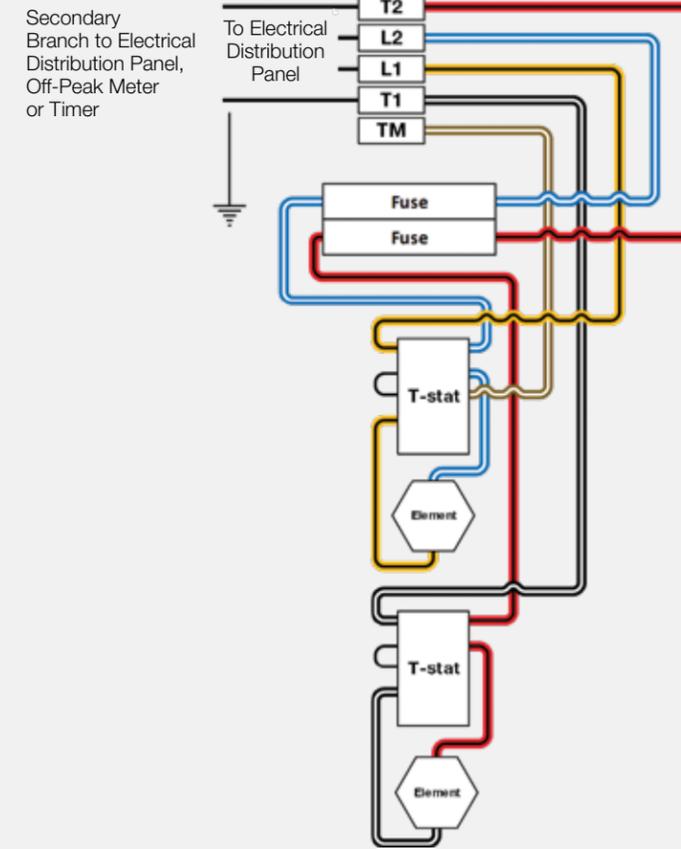
NOMINAL GALLON CAPACITY	MODEL NUMBERS	
	NON-FUSED	FUSED
30	ELD30-TB	ELD30-FTB
40	ELD40-TB	ELD40-FTB
50	ELD52-TB	ELD52-FTB
65	ELD66-TB	ELD66-FTB
80	ELD80-TB	ELD80-FTB
119.9	ELD120-TB	ELD120-FTB
28	ELDS30-TB	ELDS30-FTB
36	ELDS40-TB	ELDS40-FTB
47	ELDS52-TB	ELDS52-FTB

- 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)

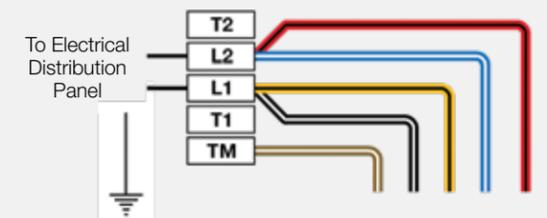
TERMINAL BLOCK CONVERSION OPTIONS

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

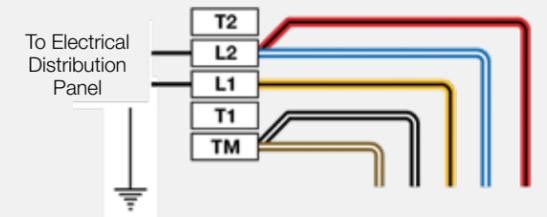
FACTORY WIRING 4 WIRE SIMULTANEOUS



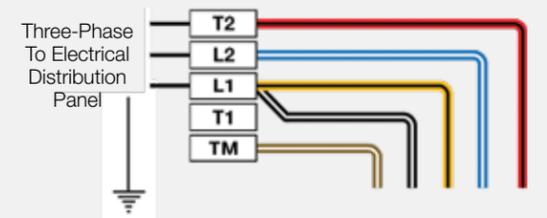
SINGLE-PHASE SIMULTANEOUS



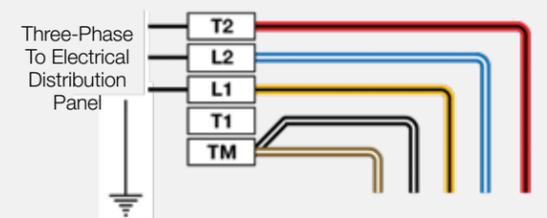
SINGLE-PHASE NON-SIMULTANEOUS



THREE-PHASE SIMULTANEOUS



THREE-PHASE NON-SIMULTANEOUS



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

FEATURED INNOVATIONS

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



**SAVE UP TO
\$4,000
IN REPLACEMENT
COSTS¹**

**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

¹Savings 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.



Universal Low NOx

Universal Ultra Low NOx

Download spec sheets from Rheem.com or ask for form RR102C-10 and RR102C-12

UNIVERSAL LOW NOX AND ULTRA LOW NOX: COMMERCIAL GAS WATER HEATERS WITH SPACE SAVING DESIGN FOR HEAVY DUTY INSTALLATIONS

Short heights, narrow jacket diameters and top, front and rear water inlets/outlets offer installation flexibility.

Universal™ Benefits

The tighter the commercial retrofit, the more you will appreciate how the Universal's compact size and multiple water connections simplify low NOx and ultra low NOx installations. Choose from 80-82% thermal efficiency models that range from 125,000-399,900 BTU/h and have maximum temperature setting of 180° F.

Universal Low NOx and Ultra Low NOx Features

- 80-82% Thermal efficiency
- 125,000-399,900 BTU/h
- 35 to 100-Gallon capacities
- 180° F Maximum temperature setting
- Top-front-rear inlet/outlet water connections
- Short floor to vent heights, small jacket diameters
- Exclusive System Sentinel LED diagnostic system
- Patented multi-flue design with proprietary steel formulation and two coats of porcelain enamel for a superior heat exchanger design

- Low profile automatic flue damper
- Full-port, full-flow brass drain valve
- Direct spark-to-pilot ignition system
- Patented anode rods for long tank life
- Natural gas models

Warranty

- 3-Year limited tank warranty, upgradable to 5 years

Low NOx Burner

The power assist burner design incorporates stainless steel multi-port burner tubes for long term low NOx performance, less than 40 ng/J. A sight glass allows for burner observation. A blower guard provides protection against potential post-installation damage.

- Low NOx models are certified up to 2,000 feet; high altitude certification for models GN76-200 and GN91-200 is 5,000 feet; model GN-100-200(A) is 8,000 feet

Ultra Low NOx Burner

The power assist burner design incorporates stainless steel multi-port burner tubes for long term ultra low NOx performance, less than 14 ng/J. A sight glass allows for burner observation. The entire design is removable and it is highly resistant to the effects of negative air pressure common in modern commercial buildings.

- Ultra low NOx base rail provides for better handling when moving and positioning unit
- Ultra low NOx models are certified up to 2,000 feet; high altitude certification for model GNU100-200(A) is 5,200 feet

Universal Low NOx and Ultra Low NOx Models

DESCRIPTION					DIMENSIONS (INCHES)			
GAL. CAP.	LOW NOx MODEL NUMBER	ULTRA LOW NOx MODEL NUMBER	INPUT (BTU/H) NAT. & LP	THERMAL EFF.	HEIGHT	WIDTH	VENT	SHIP WT. (LB.)
75	GN75-125	GNU75-125	125,000	80%	61	26-1/4	5	480
82	GN82-156	GNU82-156	156,000	80%	64	26-1/4	6	490
35	GN37-200*	GNU37-200*	199,900	82%	43-3/8	26-1/4	6	405
76	GN76-200	GNU76-200	199,900	80%	64	26-1/4	6	540
91	GN91-200	GNU91-200	199,900	82%	71-13/16	26-1/4	6	600
100	GN100-200(A)	GNU100-200(A)	199,900	82%	66-1/8	30-1/4	6	780
72	GN72-250(A)	GNU72-250(A)	250,000	80%	64-1/2	26-1/4	6	590
100	GN100-250(A)	GNU100-250(A)	250,000	82%	66-1/8	30-1/4	6	795
100	GN100-270(A)	GNU100-270(A)	270,000	82%	66-1/8	30-1/4	6	805
65	GN65-360(A)	GNU65-360(A)	360,000	80%	64-1/2	26-1/4	8	640
100	GN100-400(A)	GNU100-400(A)	399,900	80%	68-1/2	30-1/4	8	770

*Weights listed are for non-ASME. Add 40 lbs. for ASME models.

*Automatic circulating tank water heater.

(A) indicates available ASME model.

UNIVERSAL: A FAMILY OF GAS WATER HEATERS DESIGNED TO FIT INTO TIGHT RETROFIT APPLICATIONS

Universal's short height and narrow jacket diameters, plus top, front and rear water inlets/outlets offer the ultimate in installation flexibility.

Universal™ Benefits

The tighter the commercial retrofit, the more you will appreciate how the Universal's compact size and multiple water connections simplify installations.

Universal Features

- Meet or exceed ASHRAE minimum of 80%
- 125,000-399,900 BTU/h
- 35 to 100-Gallon capacities
- 180° F Maximum temperature setting
- Top-front-rear inlet/outlet water connections
- Short floor to vent heights, small jacket diameters
- Exclusive System Sentinel LED diagnostic system
- Patented multi-flue design
- Stainless steel burners with raised port design slide out for quick inspection and maintenance
- Low profile automatic flue damper
- Full-port, full-flow brass drain valve
- Direct spark-to-pilot ignition system
- Patented anode rods for long tank life
- Certified up to 5,000 feet above sea level for natural gas, 2,000 feet for LP; with altitude certification kit, up to 8,000 feet
- Natural and LP models

Warranty

- 3-Year limited tank warranty, upgradable to 5 years



Conventional water heaters are always wider and usually taller than the Universal. That makes them more difficult to handle, install and service.



Download spec sheet from Rheem.com or ask for form RR102C-1

Universal Models

DESCRIPTION			DIMENSIONS (INCHES)				
GAL. CAP.	MODEL NUMBER	INPUT (BTU/H) NAT. & LP	THERMAL EFF.	HEIGHT	WIDTH	VENT	SHIP WT. (LB.)
75	G75-125	125,000	80%	61	26-1/4	5	480
82	G82-156	156,000	80%	64	26-1/4	6	490
76	G76-180	180,000	80%	64	26-1/4	6	540
35	G37-200*	199,900	80%	43-3/8	26-1/4	6	405
76	G76-200	199,900	80%	64	26-1/4	6	540
91	G91-200	199,900	80%	71-13/16	26-1/4	6	600
100	G100-200(A)	199,900	80%	66-1/8	30-1/4	6	780
75	G72-250(A)	250,000	80%	64-1/2	26-1/4	6	590
100	G100-250(A)	250,000	80%	66-1/8	30-1/4	8	795
100	G100-270(A)	270,000	80%	66-1/8	30-1/4	8	805
72	G72-300(A)	300,000	80%	64-1/2	26-1/4	8	590
85	G85-300(A)	300,000	80%	72-5/16	26-1/4	8	640
100	G100-310(A)	310,000	80%	68-1/2	30-1/4	7	770
65	G65-360(A)	360,000	80%	64-1/2	26-1/4	8	640
65	G65-400(A)	399,900	80%	64-1/2	26-1/4	8	640
85	G85-400(A)	399,900	80%	72-5/16	26-1/4	10	640
100	G100-400(A)	399,900	80%	68-1/2	30-1/4	8	770

*Weights listed are for non-ASME. Add 40 lbs. for ASME models.

*Automatic circulating tank water heater.

(A) indicates available ASME model.



Power Vent Kits are available for all Universal models. For more information, download spec sheet from Rheem.com or ask for form RR102C-5



**LIGHT
COMPACT
DESIGN**

HOT WATER SUPPLY HEATERS: FOR APPLICATIONS THAT REQUIRE HIGH INPUTS & LARGE VOLUMES OF STORED HOT WATER

These units provide superior hot water service when used in conjunction with an appropriately sized storage tank.

Hot Water Supply Benefits

Applications include indoor or outdoor installation and for use with or without a circulating pump. The compact and low water heater mass design saves weight and cube over most cast iron, steel tube and storage-type water heaters making it ideal for rooftop installations and in tight quarters.

Hot Water Supply Features

- 82% Thermal efficiency
- 511,500-1,826,000 BTU/h
- 180° F Maximum temperature setting
- Indoor and outdoor models

Reliable Heat Exchanger Design

- Copper heat exchanger
- Single bank, straight-through design
- Floating return header is immune to thermal shock

Energy Saving Pump Control

- Allows the operator to set the desired time for the pump to run after the water heater shuts off
- Water heater pump is programmed to continue running for an optimum period of time in order to absorb the residual heat

- For use with or without a circulating pump
- Spark-to-pilot (IID) system for minimal heat loss
- Glasslined cast iron headers handle any aggressive water condition
- Natural and LP models

Warranty

- 5-Year limited heat exchanger warranty

Download spec sheet from Rheem.com or ask for form RR102C-6

Hot Water Supply Models

DESCRIPTION			DIMENSIONS (INCHES)			
MODEL NUMBER	INPUT BTU/H	RECOVERY*	HEIGHT	WIDTH	FLUE DIAM.	SHIP WT. (LB.)
GBCP512	511,500	496	57	32-3/4	10	510
GBCP627	627,000	608	57	37-1/2	12	520
GBCP726	726,000	704	57	41-5/8	12	630
GBCP825	825,000	800	57	45-3/4	14	660
GBCP962	961,700	933	68-3/4	52-3/8	14	760
GBCP1125	1,124,700	1,091	74-1/2	59-1/4	16	800
GBCP1223	1,222,500	1,185	74-1/2	63-5/8	16	860
GBCP1337	1,336,600	1,296	76-1/2	68-5/8	18	930
GBCP1467	1,467,000	1,423	76-1/2	74-7/8	18	1,000
GBCP1630	1,630,000	1,581	79-1/2	81-1/8	18	1,040
GBCP1826	1,825,600	1,770	81-1/2	89-3/8	20	1,090

All units listed are pump-mounted, indoor models. Outdoor models and models without pumps also available.

*Recovery in U.S. Gallons Per Hour (GPH) at a 100°F temperature rise.

XTREME: HIGH-INPUT, FAST RECOVERY GAS WATER HEATERS THAT COMPLY WITH LOW NOX EMISSIONS

These 90-gallon models range from 500,000-715,000 BTU/h and deliver up to 756 gallons per hour at a 100 degree F rise.

Xtreme™ Benefits

Xtreme is an advanced line of fast recovery commercial gas water heaters. These products can deliver up to 756 gallons per hour at 100 degree F rise. The small jacket diameter makes it a popular choice for retro fits and it is a versatile choice for new construction.

Xtreme Space Saver Design

Xtreme maximizes installation adaptability by offering models with front and rear inlet/outlet water connections. Short heights and small jacket diameters result in greater installation flexibility.

Xtreme Features

- 80% Thermal efficiency
- 500,000-715,000 BTU/h
- 90-Gallon capacity
- 180° F Maximum temperature setting

- Patented multi-flue design with proprietary steel formulation and two coats of porcelain enamel for a superior heat exchanger design
- Low profile automatic flue damper
- Five premix burners mounted into a metal face plate and sealed with a Viton gasket. Patented "quick release" manifold for easier service
- Direct spark-to-pilot ignition system
- Precision round premix burners formed from chromium stainless steel
- Full-port, full-flow brass drain valve
- Patented magnesium anode rods for long tank life
- Standard natural and LP models are certified up to 2,000 feet above sea level; 8,000 feet for high altitude models
- Natural and LP models

Warranty

- 3-Year limited tank warranty, upgradable to 5 years

**HIGH INPUT
FAST
RECOVERY**



Download spec sheet from Rheem.com or ask for form RR102C-15



- Exclusive System Sentinel LED diagnostic system with glowing LED lights verifies system operation sequence by sequence

Xtreme Models

DESCRIPTION		DIMENSIONS (INCHES)				
GAL. CAP.	MODEL NUMBER	INPUT (BTU/H) NAT. & LP	THERMAL EFF.	HEIGHT	WIDTH	SHIP WT. (LB.)
90	GX90-550(A)	550,000 (NAT)	80%	68	30	905
	GX90-640(A)	640,000 (NAT)	80%	68	30	905
	GX90-715(A)	715,000 (NAT)	80%	68	30	905
	GX90-500(A)	500,000 (LP)	80%	68	30	905
	GX90-600(A)	600,000 (LP)	80%	68	30	905
	GX90-680(A)	680,000 (LP)	80%	68	30	905

*Weights listed are for non-ASME. Add 40 lbs. for ASME models. (A) indicates available ASME model.



Download spec sheet from Rheem.com or ask for form RR102C-7

POWER DIRECT VENT: THE PERFECT CHOICE FOR TIGHT CONSTRUCTION OR WHEN INDOOR AIR QUALITY IS A CONCERN

These commercial gas units are designed for energy-savings in today's tightly constructed business with vent runs up to 100 feet.

Power Direct Vent Benefits

Power Direct Vent commercial gas water heaters provide outside air for combustion, which eliminates negative air pressure issues in tight construction. This water heater is specifically designed where medium quantities of hot water are required

Power Vent Features

- Meets or exceeds a minimum of 80% thermal efficiency (non-condensing)
- 65,000-75,100 BTU/h
- 50 and 75-Gallon capacities
- 160° F Maximum temperature setting for 50-gallon models and 180° for 75-gallon models
- Sealed combustion
- Flammable vapor detection sensor disables the heater in the presence of flammable vapor accumulation

- Integrated self-diagnostic system
- Integral automatic powered blower assists quietly bringing in combustion air and discharging combustion gases
- Environmentally friendly burner is 40ng/J NOx compliant

Easier, Less Costly Venting

- Installs with PVC, ABS, or CPVC vent options with vertical or horizontal termination
- Side connections are available for ease of installation and flexibility
- Maximum vent length is 100 equivalent feet using 4" vent pipe and 50 equivalent feet using 3" vent pipe

Warranty

- 3-Year limited tank warranty, upgradable to 5 years
- 1-Year limited parts warranty



Download spec sheet from Rheem.com or ask for form RR102C-4

POWER VENT: DESIGNED TO DELIVER MEDIUM QUANTITIES OF HOT WATER AND PROVIDE UP TO 95 FOOT VENT RUNS

These 75-gallon models are available in 75,000 BTU/h with a maximum temperature setting of 160 degrees F.

Power Vent Benefits

They vent up to 95 feet and are easily installed in large residences, small restaurants, apartments up to six units and small office buildings.

Power Vent Features

- 80% Thermal efficiency
- 75,100 BTU/h
- 75-Gallon capacity
- 160° F Maximum temperature setting
- Superior tank design features proprietary steel formulation with a unique coat of high temperature porcelain enamel to maximize corrosion resistance
- Flammable vapor detection sensor disables the heater in the presence of flammable vapor accumulation
- Integrated self-diagnostic system

Easier, Less Costly Venting

- Installs with PVC, ABS, or CPVC vent options with vertical or horizontal termination
- Side connections available for ease of installation and flexibility
- Maximum vent length is 95 equivalent feet using 4" PVC and up to 35 equivalent feet using 3" PVC pipe

- Integral automatic powered blower assists quietly bringing in combustion air and discharging combustion gases
- Environmentally friendly burner is 40ng/J NOx compliant

Warranty

- 3-Year limited tank warranty, upgradable to 5 years
- 1-Year limited parts warranty

MEDIUM DUTY: A FAMILY OF WATER HEATERS SPECIFICALLY DESIGNED TO FILL THE NEEDS FOR SMALL RESTAURANTS, APARTMENTS, OFFICES AND MORE

The tighter the retrofit, the more you will appreciate these water heaters' compact sizes that will simplify installations.

Medium Duty Benefits

Choose from 80% thermal efficiency models that range from 45,000-80,000 BTU/h and ultra low NOx models with inputs of 75,100 BTU/h – all with maximum temperature setting of 180° F. These models have short heights and small jacket diameters for greater installation flexibility.

Medium Duty Features

- 80% thermal efficiency
- 54,000-80,000 BTU/h
- 48, 75, 98 and 100-Gallon capacities
- 180° F Maximum temperature setting for Ultra Low NOx models, 160° F for Medium Duty models
- Proprietary steel formulation with a unique coat of high temperature porcelain enamel maximizes corrosion resistance resulting in a superior tank design
- Magnesium anode rods ensure corrosion resistance for a long tank life
- Rigid foam insulation provides superior insulating qualities, improves efficiency and reduces operating costs
- Factory installed CSA/ASME rated temperature and pressure relief valve
- Factory installed full-port, full-flow brass drain valve

Medium Duty Ultra Low NOx Features

- Integrated system control for easy installation and service
- The self-powered burner design incorporates stainless steel multi-port burner tubes for long term ultra low NOx performance, less than 14 ng/J
- Sight glass allows for burner observation
- Burner design is removable and removable and easily serviceable
- Ultra Low NOx models certified up to 10,000 feet above sea level
- Side water connections for space saving applications

Warranty

- 3-Year limited tank warranty, upgradable to 5 years



48 TO 100-GALLON MODELS AVAILABLE

Medium Duty

Download spec sheet from Rheem.com or ask for form RR102C-2M and RR102C-2M-ULN

Medium Duty Models

DESCRIPTION				DIMENSIONS (INCHES)			
GAL. CAP.	MODEL NUMBER	INPUT (BTU/H) NAT. & LP	THERMAL EFF.	HEIGHT	WIDTH	VENT	SHIP WT. (LB.)
48	G50-60N	60,000	80%	61-3/4	21-3/4	4	150
48	G50-54LP	54,000	80%	61-3/4	21-3/4	4	150
75	G75-75N-2	75,100	80%	64	26-1/4	4	320
75	G75-76LP	75,100	80%	64	26-1/4	4	320
100	G100-80	80,000	80%	69-5/8	28-1/4	4	410
100	G100-80N	76,000	80%	69-5/8	28-1/4	4	410
98	G100-76LP	75,100	80%	67-7/8	27-1/4	4	350
Ultra Low NOx Models			TE/UEF				
75	G75UN-EC	75,100	80% / .59	60	26-1/4	4	315
98	G100UN-EC	75,100	80% / .57	64	27-1/4	4	356



150 TO 2,500-GALLON MODELS AVAILABLE

Download spec sheet from Rheem.com or ask for form RR102CE-8

LARGE VOLUME: ENERGY SAVING, HIGH POWER HEAVY DUTY ELECTRIC WATER HEATERS

This line of large volume water heaters is available in 160 to 2,500-gallon storage models.

Large Volume Benefits

These heavy duty commercial water heaters are available in vertical round, vertical square and horizontal models – with energy saving performance!

Large Volume Features

- 150, 200, 250, 300, 400, 500, 600, 750, 950, 1,250, 1500, 2,000 and 2,500-Gallon storage capacities
- 144 kW through 900 kW
- 208, 240, 277, 380, 415, 480 and 600 Voltages

- Vertical round, vertical square and horizontal models
- Glass lined steel tank
- Incoloy™ heating elements
- Internal fusing (above 120 amps)
- Enamel finished galvanized steel jacket
- Magnesium anodes
- Immersion thermostat
- Manual reset high limit
- Full length hinged doors with key lock
- Terminal block connections
- ASME temperature and pressure relief valve
- Channel iron skid base (except 150 & 200-gallon round models)
- 180° F temperature operation
- 125 PSI working pressure
- Hand-hole sediment cleanout
- Safety drain pan (square models)
- Control voltage on/off switch with pilot light
- Optional Features
 - Low water cut-off
 - Pilot lights
 - Manual limiting switches
 - Alarm bell
 - Shunt trip disconnect (field installed)
 - Low or high water pressure switch
 - And more!
- Warranty
 - 3-Year limited tank warranty
 - 1-Year limited parts warranty

Large Volume Models

DESCRIPTION				DIMENSIONS (INCHES)			
GAL. CAP.	MODEL NUMBER	TYPE	INPUT KW	HEIGHT	WIDTH	DEPTH	SHIP WT. (LB.)
150	EVRO150	VERT. RND.	144	65-1/2	32	38-3/4	650
200	EVRO200	VERT. RND.	162	78	32	38-3/4	750
250	EVRO250	VERT. RND.	162	92	34	40-3/4	1,165
300	EVRO300	VERT. RND.	162	80	40	46-3/4	1,350
400	EVRO400	VERT. RND.	162	80	46	52-3/4	1,590
500	EVRO500	VERT. RND.	396	92	46	52-3/4	1,700
600	EVRO600	VERT. RND.	396	92	52	60-3/4	2,010
750	EVRO800	VERT. RND.	396	104	52	60-3/4	2,450
950	EVRO1000	VERT. RND.	396	128	52	60-3/4	3,160
1,250	EVRO1250	VERT. SQ.	900	132-1/2	64-1/2	64-1/2	3,560
1,500	EVRO1500	VERT. SQ.	900	128-1/2	70-1/2	70-1/2	4,120
2,000	EVRO2000	VERT. SQ.	900	140-1/2	76-1/2	76-1/2	4,350
2,500	EVRO2500	VERT. SQ.	900	146-1/2	82-1/2	82-1/2	5,750
150	EHS0150	HORIZ.	144	37	68-1/2	34-1/4	1,180
200	EHS0200	HORIZ.	180	37	78	34-1/4	1,370
250	EHS0250	HORIZ.	225	39	90-1/4	36-1/4	1,450
300	EHS0300	HORIZ.	270	45	78-1/4	42-1/4	1,530
400	EHS0400	HORIZ.	360	52	78-1/4	48-1/4	1,750
500	EHS0500	HORIZ.	450	52	90-3/4	48-1/4	1,860
600	EHS0600	HORIZ.	540	58	90-3/4	54-1/4	2,340
750	EHS0800	HORIZ.	720	58	102-1/4	54-1/4	2,850
1,000	EHS1000	HORIZ.	900	58	126-1/4	54-1/4	3,040
1,250	EHS1250	HORIZ.	900	64	130-1/4	60-1/4	3,750
1,500	EHS1500	HORIZ.	900	70	126-1/4	66-1/4	4,340
2,000	EHS2000	HORIZ.	900	76	137-1/4	72-1/4	4,580
2,500	EHS2500	HORIZ.	900	82	144-1/4	78-1/4	6,060

RHEEM BOOSTER: OUR ELECTRIC BOOSTER IS SPECIFICALLY DESIGNED TO SUPPORT COMMERCIAL DISHWASHERS

Boosters are designed to fit under counters and deliver sanitizing water for all stationary rock and conveyor type commercial dishwashers.

Booster Benefits

Our 10-gallon electric booster will raise preheated or cold water to 180° F rinse temperature. Boosters are compact to fit under most any counter. In addition, these models can be used a circulating tank water heaters for gravity or pump circulation to an auxiliary storage tank.

Booster Features

- 98% Thermal efficiency
- 10-Gallon capacity
- 6 kW through 54 kW
- UL approved field change to simple phase
- Certified for 150 PSI maximum working pressure
- UL Sanitation (standard)
- Factory wired three phase
- System Sentinel LED diagnostic system
- All units are furnished with a fused 120 volt control circuit. All controls (thermostats, high temperature limit, etc.) are operated off of this basic 120 volt control circuit. This circuit is created by an internal multi-tap transformer of unique design that has four (4) taps for the primary voltages, 208, 240, 277 and 480
- Two heavy-duty anode rods help resist corrosion and extend tank life
- Factory installed T&P valve
- Immersion thermostats
- 6-Inch stainless steel legs



10-GALLON 6-54 KW MODELS AVAILABLE



Long Life Tank Design

- Proprietary steel formulation with a unique coat of high temperature porcelain enamel
- Maximizes corrosion resistance resulting in a superior tank design

Long Life Heating Elements

- Separate screw-in type elements feature a Nichrome wire filament, embedded in magnesium oxide sealed in a copper tube to resist water chemical corrosion...for long element life and a long life performance
- Elements are directly immersed in the water for maximum recovery efficiency (98%) and are easily changed by simply screwing new ones into the tank

Warranty

- 3-Year limited tank warranty, upgradable to 5 years

Booster Models

DESCRIPTION				DIMENSIONS (INCHES)			
GAL. CAP.	MODEL NUMBER	INPUT KW	THERMAL EFF.	HEIGHT	WIDTH	DEPTH	SHIP WT. (LB.)
10	E10-6-G	6	98%	23	21-3/4	21-1/2	110
	E10-9-G	9	98%	23	21-3/4	21-1/2	110
	E10-12-G	12	98%	23	21-3/4	21-1/2	110
	E10-15-G	15	98%	23	21-3/4	21-1/2	110
	E10-18-G	18	98%	23	21-3/4	21-1/2	110
	E10-24-G	24	98%	23	21-3/4	21-1/2	110
	E10-27-G	27	98%	23	21-3/4	21-1/2	110
	E10-30-G	30	98%	23	21-3/4	21-1/2	110
	E10-36-G	36	98%	23	21-3/4	21-1/2	110
	E10-45-G	45	98%	23	21-3/4	21-1/2	110
E10-54-G	54	98%	23	21-3/4	21-1/2	110	

Download spec sheet from Rheem.com or ask for form RR102CE-2



Download spec sheet from Rheem.com or ask for form RR102CE-1

HEAVY DUTY: ELECTRIC COMMERCIAL WATER HEATERS IN 50 THROUGH 175-GALLON CAPACITIES

These models are ideal for general commercial use, point-of-use applications or used as a booster.

Heavy Duty Benefits

50, 85, 120 and new 175-gallon models can be shipped to your location in just a few days with no deposit required and no shipping charges. ASME construction is available on 50, 85 and 120-gallon models and comes standard on 175-gallon models.

Heavy Duty Features

- 98% Thermal efficiency
- 50 to 175-Gallon capacities
- Up to 438 gallons GPH at a 100 degree F rise.
- 190° F Maximum delivered temperature
- Thick foam insulation for minimal standby heat loss
- 12.3 kW through 108 kW
- 208, 240 or 480 VAC in either single phase or 3-phase; 277 VAC single phase
- 2000, 3000, 4000, 4500, 5000 and 6000 in the four voltages; 9000 watt element at 480 VAC
- Choose 3, 6, 9 or 12 element models for your specific application
- Elements are Lifeguard™ stainless steel, screw-in type that resist burn out and corrosion

- Temperature and pressure relief valve at top of 175-gallon model and side on all other models
- Water connections: hot and cold water inlets are 2-1/2" NPT dielectric nipples on the 175-gallon model and 1-1/2" on all other models

Easy Installation & Service

- Control box is located at the front of unit for easy wiring during installation
 - Multiple knockout holes accommodate a variety of conduit sizes
- Exclusive! System Sentinel™ provides a diagnostic panel with LEDs that correspond to the number, location and status of each element
- Exclusive! Full-port, full-flow, brass drain valve for faster draining
- Minimum distance to combustible is zero inches from jacket and 18 inches from access door
- All models approved for installation on combustible flooring

Warranty

- 3-Year limited tank warranty, upgradable to 5 years
- 1-Year limited parts warranty

Heavy Duty Models

DESCRIPTION					DIMENSIONS (INCHES)				
GAL. CAP.	MODEL NUMBER	THERMOSTAT TYPE	INPUT KW	THERMAL EFF.	HEIGHT	WIDTH	WIDTH W/CONT. BOX	SHIP WT. (LB.)	
								STD.	ASME
50	ES50	SURFACE	12.3-54	98%	43-5/8	26-1/4	32	270	320
85	ES85	SURFACE	12.3-54	98%	57-11/16	28-1/4	34	350	380
120	ES120	SURFACE	12.3-54	98%	67-5/8	30-1/4	36	430	460
50	E50(A)	IMMERSION	12.3-54	98%	43-5/8	26-1/4	32	270	320
85	E85(A)	IMMERSION	12.3-81	98%	57-11/16	28-1/4	34	350	380
120	E120(A)	IMMERSION	12.3-81	98%	67-5/8	30-1/4	36	430	460
175	E175A	IMMERSION	3-108	98%	69-1/2	32-1/4	38-1/2	-	700

E/ ES-Series less than or equal to 12kW inputs will be discontinued Dec.31, 2021.

POWERPACK: DESIGNED FOR SMALL-VOLUME APPLICATIONS WHERE HIGH QUALITY, ASME RATED WATER HEATERS ARE A MUST

These ASME electric water heaters deliver a maximum of 190° F water and are designed for general use or point-of-use.

PowerPack™ Benefits

These small volume electric water heaters deliver 90-190° F water at a 200° F temperature limit. They install close to fixtures, eliminating the wait for hot water. PowerPack's long-life ASME tank design feature proprietary steel formulation with high temperature porcelain enamel to maximize corrosion resistance.

PowerPack Features

- 98% Thermal efficiency
- 13, 19.9, 30 and 40-Gallon capacities
- 3 kW-36 kW (varies by model)
- 208, 240, 277 and 480 Voltages
- Field convertible
- Single phase and factory wired
- Lifeguard™ heating elements
- Immersion thermostat
- 3/4" Water connections
- 2-1/2" Rigid polyurethane foam insulation
- System Sentinel LED diagnostic system
- Integral fusing on each element



- Two anode rods for long life and corrosion resistance
- Full-port, full-flow brass drain valve
- Factory installed CSA/ASME rated temperature and pressure relief valve
- Electrical connections: pre-wired, accessible control box with multiple knock-outs on side in size selections to match the National Electric Code
- Single panel control box with hinged door: provides immediate access to all electrical components and elements
- Terminal block: all models are equipped with U.L. listed terminal blocks
- All units are furnished with a fused 120 volt control circuit; this circuit is created by an internal multi-tap transformer that has four (4) taps for the primary voltages, 208, 240, 277 and 480

Warranty

- 3-Year limited tank warranty, upgradable to 5 years
- 1-Year limited parts warranty

PowerPack Models

DESCRIPTION				DIMENSIONS (INCHES)		
GAL. CAP.	MODEL NUMBER	INPUT KW	THERMAL EFF.	HEIGHT	WIDTH	SHIP WT. (LB.)
13	E12A	3-9	98%	28-1/2	19	135
19.9	E20A	3-18	98%	36-1/4	19	160
30	E30A	12.3-36	98%	49-1/4	19	192
40	E40A	12.3-36	98%	53-3/4	21	228

E/ ES-Series less than or equal to 12kW inputs will be discontinued Dec.31, 2021.



Download spec sheet from Rheem.com or ask for form RR102CE-5

Rheem® Medium Duty Non-Metallic Electric



Download spec sheet from Rheem.com or ask for form RR102CE-6

ECLIPSE: NON-METALLIC ELECTRIC COMMERCIAL WATER HEATERS ARE DURABLE, LIGHTWEIGHT AND OFFER AN EXCLUSIVE 10-YEAR LIMITED WARRANTY

Eclipse models are more durable and energy efficient than any commercial electric water heaters ever made.

Eclipse™ Benefits

With its exclusive 10-year limited tank warranty, the Eclipse family of 85 and 105-gallon water heaters offer a wide range of inputs and voltage options. Its non-metallic durable lightweight design make it easier to maneuver and position.

Eclipse Features

- 98% Thermal efficiency
- Foam insulated for reduced standby heat loss
- Recovery rate: Up to 99 gallons GPH at 100 degree rise
- 170° F Maximum temperature setting
- 85 and 105-Gallon capacities
- 12.4, 18 or 24 kW
- Voltage options: 208, 240, or 480 VAC in either single phase or 3-phase (277 VAC in single phase only)
- Element wattages: 3100, 4500 or 6000 in each of the four voltages. The elements are low watt density design (46, 67, 90 watts/sq. in.) with titanium sheath for superior protection
- Non-metallic tank – no anode rods required
- High density polyethylene dent and scratch resistant jacket
- System Sentinel LED indicators are provided for each element to show when power is on

Easy Installation & Service

- Eclipse's lightweight tank is easier to maneuver and position
- 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
- 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

Warranty

- 10-Year limited tank warranty

Eclipse Models

DESCRIPTION				DIMENSIONS (INCHES)		
GAL. CAP.	MODEL NUMBER	INPUT KW	THERMAL EFF.	HEIGHT	WIDTH	SHIP WT. (LB.)
85	ME85	12.4, 18, 24	98%	66-1/4	28-1/4	170
105	ME105	12.4, 18, 24	98%	66-1/2	30-1/4	185

Rheem® Point-Of-Use Electric

POINT-OF-USE TANK: DESIGNED TO PROVIDE HOT WATER AT CONSUMPTION POINT, ELIMINATING COSTLY TEMPERATURE LOSS IN LONG PIPE RUNS

These point-of-use electric tank-type models are available in sizes ranging from 2-1/2 to 30 gallons.

Point-of-Use Tank Benefits

Well-suited for a wide variety of applications, point-of-use water heaters are small enough for installations in limited spaces...under counters, mop sinks, cabinets, or any remote area where modest quantities of hot water are required. They are ideally suited for applications in retail stores, public restrooms, office washrooms, kitchen and mop or bar sinks.

Point-of-Use Tank Features

- 2-1/2, 6, 10, 15, 19.9 and 30-Gallon capacities
- 1440 Watts through 6,000 Watts
- 120, 208, 240, 277 and 480 Voltages
- Single phase only
- Premium grade anode rod provides advanced technology and equalizes aggressive water action

Warranty

- 3-Year limited tank warranty, upgradable to 5 years

Optional Wall Mounting Kit

- Provides an easy way to mount the unit off the floor, out of the way for more usable floor space in a small area
- Kit is designed to be used on walls with 16" stud centers
- All necessary parts are included in this easy to install kit
- 2-1/2 Gallon model comes standard with kit

UL Approved Electric Conversion Kits

- Provides an easy way to convert standard models to different wattages, volt or phase depending on installation requirements
- Kits are designed for EGSP models in all gallon capacities
- All parts needed for the electric conversion are included with Rheem electric conversion kits



Download spec sheet from Rheem.com or ask for form RR102CE-4

TANKLESS ELECTRIC: WATER HEATERS OFFER CONTINUOUS HOT WATER QUICK AND ON DEMAND FOR SINGLE POINT-OF-USE OR MULTIPLE APPLICATIONS

Small and compact – designed to fit almost anywhere for point-of-use water heating needs.

Tankless Benefits

These energy efficient models offer hot water quick and on demand for offices, hospitals, restrooms, restaurants, apartments, condos, laboratories and anywhere hot water is needed.

Tankless Features

- On demand, consistent and endless hot water
- Compact and stylish with digital temperature control in increments of 1°F ranging from 80°F to 140°F*
- 99.8% Energy efficient
- Robust copper immersion heating

elements with brass top increases durability and are threaded for easy replacement

- Simple Installation
- Digital temperature display
- External controls to adjust temperature in increments of 1°F
- Compatible with 1/2 and 3/4-inch water connectors for flex hose installation; no venting or T&P valve required

Warranty

- 5-Year limited heating chamber and 1-Year limited parts warranty



Download spec sheet from Rheem.com or ask for form TKE-101

Thermostatic



Thermostatic w/ Integrated Mixing Valve



Non-Thermostatic

TANKLESS ELECTRIC FOR HANDWASHING: OFFER ENERGY EFFICIENT, ON DEMAND WATER HEATERS FOR COMMERCIAL, INDUSTRIAL AND SAFETY APPLICATIONS

Handwashing models are available in three series – Thermostatic, Thermostatic with Integrated Mixing Valve and Non-Thermostatic

Handwashing Family Features

- Can be installed in any orientation at the point-of-use with just a single water line
- SafeStart™ technology engages upon start-up to help avoid dry-fire occurrence
- Compact size fits almost anywhere; suitable for ADA compliant facilities
- High temperature limit switch enables safe operation
- Control system activates heater only on demand
- Integral 3/8" compression fittings; no soldering or sweat connections required
- No T&P relief valves needed, ready to go out-of-the-box*

Warranty

- 5-Year limited warranty on leaks, 1-year on parts

Thermostatic Specific Features

- Industry leading low flow activation at 0.2 GPM
- Silent operation on all models except for RTEH012240T

Thermostatic w/Integrated Mixing Valve Specific Features

- Low flow activation at 0.3 GPM
- Meets UPC 407.3 for public handwashing with an integrated ASSE 1070 compliant mixing valve

Non-Thermostatic Specific Features

- Low flow activation at 0.25 GPM (model dependent)
- Ideal for a single sensor faucet or a single metering faucet for handwashing and other fixed-flow applications

*Check local codes



Saves Water



Saves Money



Saves Space



Continuous Hot Water

Download spec sheet from Rheem.com or ask for forms TKEH-850, TKEH-855 and TKEH-860

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			✓



STANDARD AND LARGE VOLUME STORAGE TANKS: VERTICAL MODELS ARE DESIGNED FOR APPLICATIONS THAT REQUIRE LARGE QUANTITIES OF POTABLE HOT WATER IN SHORT PERIODS OF TIME

When used in tandem with our commercial water heating equipment, they prove the flexibility needed for many commercial applications.

Storage Tank Benefits

Installed individually, or manifolded, these storage tanks can provide 80% draw capability without appreciable temperature decrease in single temperature applications.

Storage Tank Features

- 80, 115, 175, 200, 260, 320, 430, 500, 750 and 950-Gallon capacities
- Unique steel formulation with high temperature porcelain enamel maximizes corrosion resistance and results in a superior tank design
- Heavy duty magnesium anode rod(s) installed for longer life
- Rigid 2" polyurethane foam insulation provides superior insulating qualities and results in reduced operating costs

- Our patented process of injecting foam into the insulating cavity adds additional durability and toughness to the baked enamel steel outer jacket
- Circulating line connections and hot outlet are 2" NPT on the ST80 and ST120 and 2-1/2" NPT on the ST175
- Other openings are provided for relief valve and temperature control. ST175 equipped with a hand-hole cleanout
- Circulating line/cold inlet connections are 3" NPT (2-1/2" on 200 gallon) and hot outlet is 2"
- All commercial storage tank models are certified to ASME boiler and pressure vessel code standards
- Non-jacketed models also available

Warranty

- 5-Year limited tank warranty

80 TO 950-GALLON MODELS AVAILABLE



Download spec sheet from Rheem.com or ask for form RR102C-3LT and RR102C-3

Storage Tank Models

GAL. CAP.	MODEL NUMBER	MAX. WORKING PRESSURE (PSI)		DIMENSIONS (INCHES)		SHIP WT. (LB.)	
		STD.	ASME	HEIGHT	WIDTH	STD.	ASME
80	ST80(A)	150	125	58-5/16	21-7/16	220	260
115	ST120(A)	150	160	59-1/4	28-1/4	300	340
175	ST175(A)	150	150	67-1/4	32-1/4	600	600

NOTE: 1" NPT drain opening on ST175(A). Handhole cleanout on ST175(A) only.

Large Volume Storage Tank Models

GAL. CAP.	MODEL NUMBER	MAX. WORKING PRESSURE (PSI)		DIMENSIONS (INCHES)		SHIP WT. (LB.)
		ASME	ASME	HEIGHT	WIDTH	
Vertical Round Jacketed						
200	ST200A	150	125	77-1/2	34	872
257	ST260A	125	125	95-1/2	34	1,108
318	ST320A	125	125	84-1/2	40	1,290
432	ST430A	125	125	84-1/2	46	1,626
504	ST500A	125	125	94-1/2	46	1,765
752	ST750A	125	125	107-1/2	54	2,330
940	ST950A	125	125	131-1/2	54	3,010

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.

Why Connected Water Heaters?

Connect to EcoNet® for smart home integrated features, including:

- Water leak detection and system shut off
- Mobile alerts for notifications / maintenance reminders¹
- Mobile gas and water usage reports
- Works with smart home systems¹
- Easy access to energy settings including Vacation Mode²
- Store contractor information in the app to request a service call at the push of a button

¹WiFi broadband Internet connection and EcoNet App required; Notifications are dependent on external factors beyond Rheem's control. ²Actual savings depend on number of days vacation setting is used. EcoNet app screens subject to change.

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.



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

INNOVATION LEARNING CENTERS (ILC)

Offering comprehensive in-person and virtual training, our Innovation Learning Centers are our premier learning environments. With interactive classrooms, live demonstration labs and virtual reality stations, these high-tech facilities provide a unique experience for plumbing contractors and engineers across the US. Get ready to take your performance to the next level. ILCs are strategically located across the US, Canada and Mexico. Visit <https://www.rheemtraining.com> to schedule a class at one of our centers near you.

Want in-person training, but can't make it to one of our Innovation Learning Centers? Join one of our local, in-person training events, available exclusively to Rheem pros, to learn about our products and business-building strategies directly from industry experts. Contact our Plumber Business Support at **866.339.2388** or email PlumberBusinessSupport@Rheem.com to find opportunities in your area.



APPLICATION ENGINEERS

Rheem Applications Engineers are available to size your commercial projects and offer customized water heating system solutions for each project application. To request a complimentary commercial sizing consultation, send your sizing requests to Application.Engineering@Rheem.com

RHEEM ENGINEERING RESOURCES

- Dedicated Commercial Tech Service Team
- RapidSpec Sizing Program
- Application Engineer Team
- Commercial BIM/CAD Files and Revit Files
- Rheem Website (Revit Files, Spec Sheets, Feature Sheets, Product Brochures)

ONE STOP FOR COMMERCIAL ENGINEERING SUPPORT

Rheem® Commercial Water Heating Service & Support

CONTACT US

Customer Service & Support (Parts & Warranty):

Phone: 1.800.621.5622

Fax: 1.800.535.9538

Plumber Business Support:

Phone: 1.866.339.2388

Email: PlumberBusinessSupport@Rheem.com

Sizing & Selection Support:

Rheem Engineering:

Email: 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

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