

# TRITON™

## THE MOST INTELLIGENT

HIGH EFFICIENCY COMMERCIAL GAS WATER HEATER IN THE MARKET





# YOU DEMAND. TRITON DELIVERS.

You want a water heater that offers the features you need to get things done—and the durability to keep your business up and running. Triton is more than a major advancement in water heating. It's an absolute game changer—because Triton offers a package of features and benefits no other high efficiency commercial gas water heater can.

## THE TRITON ADVANTAGE

- Eliminate the Emergency
- Easy Retrofit
- Built to Last

TRITON™

## The Most Intelligent High Efficiency Commercial Gas Water Heater In The Market, **Triton Eliminates The Emergency**

Triton's built-in intelligence helps eliminate business downtime.

- **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>1,2</sup>
- **LeakSense™** – Detects leaks as small as a grain of sand—the most accurate leak detection available<sup>3</sup>
- **Systematic Health Checks** – Ongoing self-monitoring to detect and alert potential issues
- **Preventive Maintenance Reminders** – Extends tank life

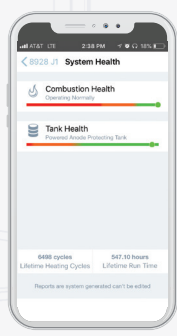
FEATURE	TRITON SU	TRITON SS	COMPETITOR 1	COMPETITOR 2
LeakGuard Leak Detection & Prevention System With Auto Shut	X	✓	X	X
LeakSense Integrated Leak Detection System	✓	✓	X	X
Integrated Monitoring With Wi-Fi Mobile App	✓	✓	✓	X
Energy & Water Usage Reports	✓	✓	X	X
Full-Color LCD Monitoring Display	✓	✓	X	X
Systematic Health Checks	✓	✓	X	X
Integrated BACnet Port	X	✓	X	X

**UP TO \$1,975 VALUE**  
with Built-In Premium Features Normally Sold Separately



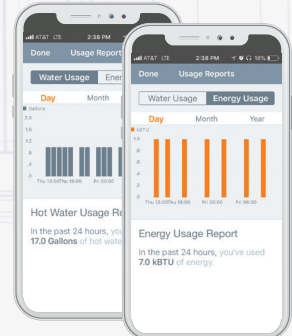
**CONVENIENCE AND PEACE OF MIND**

# EcoNet® Smart Monitoring Technology with Integrated Wi-Fi



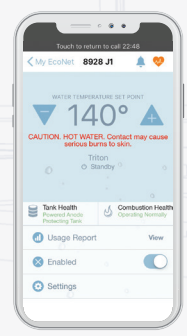
### Smart Monitoring Technology

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



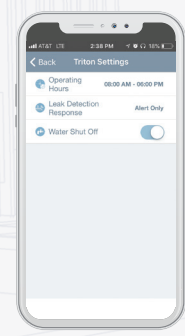
### Scheduling and Reporting

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



See back page for sizing help

# Designed for Versatility, Triton Makes for Easy Installation and 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, including polypropylene, PVC, CPVC, InnoFlue® Flex Vent and ABS; installed in power direct and power vent configurations and can vent 2-, 3-, 4- and 6-inch diameters

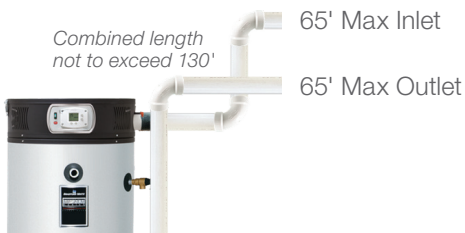
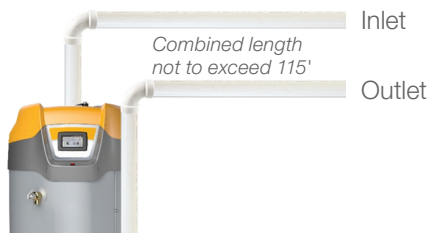
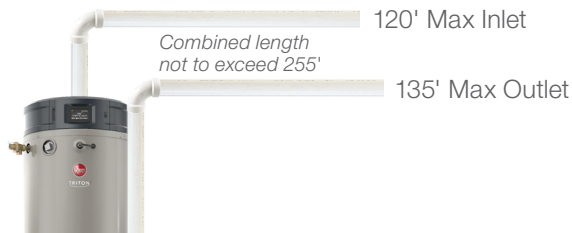


Whether new construction or retrofit, Triton simplifies installation. Triton's built-in condensate neutralizer eliminates the need for a separate device to raise the pH of the condensate for safe draining.

## UNBALANCED & BALANCED VENTING ON DIFFERENT PLANES



### Flexible Venting Options<sup>4</sup> Competitive Comparison



WATER CONNECTION POINTS	TRITON SU	TRITON SS	COMPETITOR 1	COMPETITOR 2
<b>INLETS</b>				
Side Front	✓	✓	✓	✓
Side Back	✓	✓	X	X
<b>OUTLETS</b>				
Side Front	✓	✓	X	✓
Side Back	✓	✓	X	X
Top	✓	✓	✓	X

FEATURE	TRITON SU	TRITON SS	COMPETITOR 1	COMPETITOR 2
Built-in Condensate Neutralizer	✓	✓	X	X
Flex Vent Options	✓	✓	X	X



## Triton Is Built to Last

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.

**It's one investment that pays off day after day, year after year.**

- Built to last five years longer than the industry standard, saving more than \$4,500 on replacement costs<sup>5</sup>
- Backed by a five-year warranty<sup>1</sup>

FEATURE	TRITON SU	TRITON SS	COMPETITOR 1	COMPETITOR 2
ASME-Grade Steel Heat Exchanger	✓	✓	✗	✗
Power Anode Rod	✓	✓	✓	✗
Full Modulation	✓	✓	✓	✗
Warranty	3-Year	5-Year	3-Year Upgradable to 5-Year	3-Year Upgradable to 5-Year

**ASME-  
GRADE**

Steel Heat  
Exchanger

**Triton's Full Modulation** optimizes BTU/h input for specific water heating demand to maximize energy savings.



See back page for sizing help



### TRITON SU MODEL

#### FEATURES

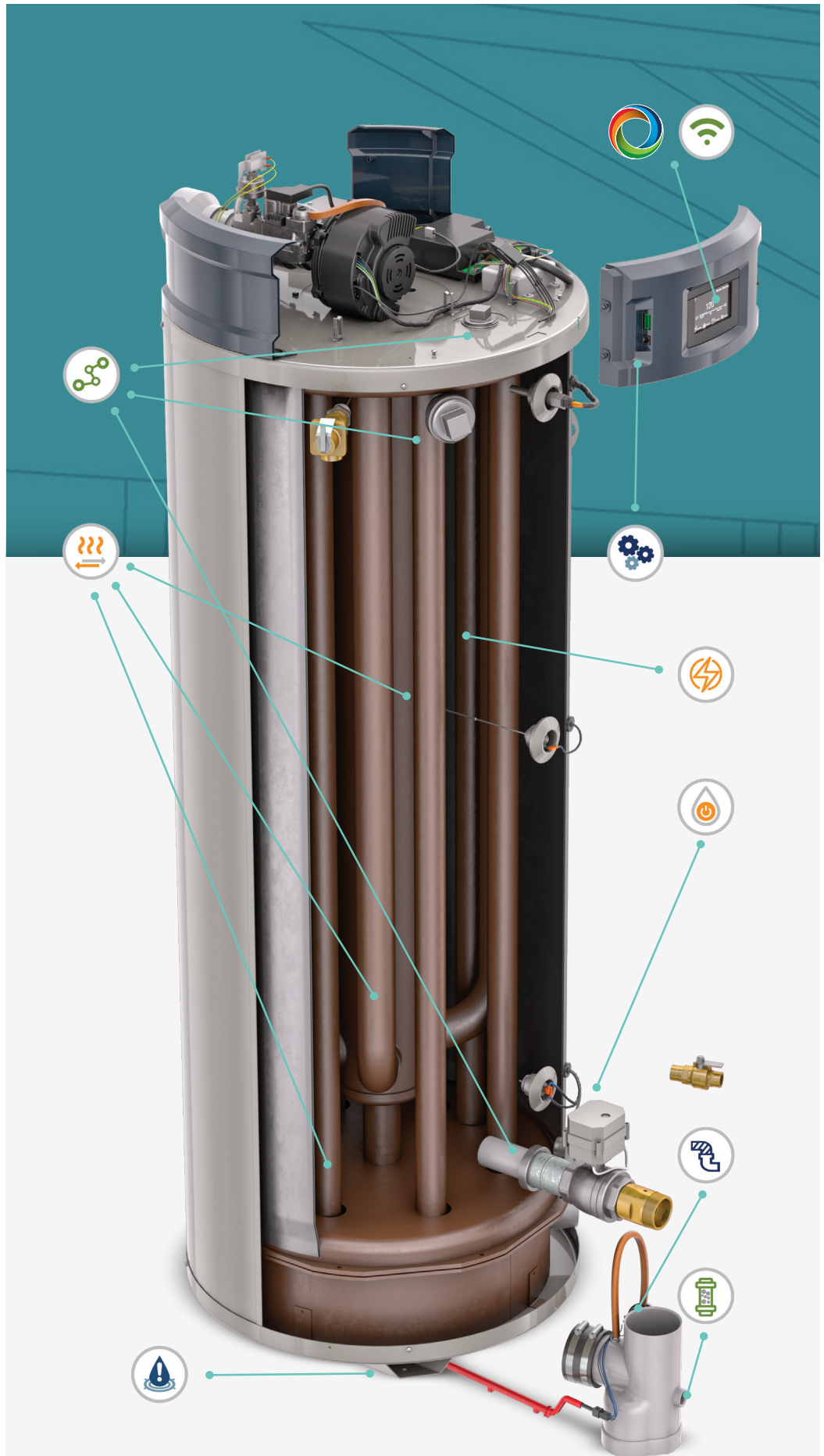
- 130K–400K BTU/h
- LeakSense™
- Easy Retrofit Across Brands
- Health Checks
- Built-in Condensate Neutralizer
- EcoNet® Smart Monitoring Technology
- Integrated Wi-Fi
- Scheduling Capability
- Advanced Power Anode
- Full Modulation
- 3-Year Warranty



### 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



# Designed for the End User – and You

## Triton Product Features

During the development of Triton, we met with people who sell, install and use commercial water heaters. Armed with their input, Rheem engineers perfected a design that would prove to be the ideal solution.

And thus, the era of Triton has begun.

### 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 Wi-Fi

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

Multiple (five) water connections at the top, side and 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 or safe drainage at no additional cost

### Built to Last Five 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



See back page for sizing help

# Triton Specifications

## DIMENSIONAL INFORMATION

MODEL NUMBER	A	B	C	D	E	F	G	H	I	VENT	SIDE WATER CONNECTION	TOP OUTLET
											INLET/OUTLET	
GHE80SU/SS-130(A)	67-7/8"	57.43"	26-3/8"	13"	12-1/2"	60-1/2"	10-5/8"	63-5/8"	70-1/16"	2", 3", 4"	2" NPT	1.5" NPT
GHE80SU/SS-160(A)	67-7/8"	57.43"	26-3/8"	13"	12-1/2"	60-1/2"	10-5/8"	63-5/8"	70-1/16"	2", 3", 4"	2" NPT	1.5" NPT
GHE80SU/SS-200(A)	67-7/8"	57.43"	26-3/8"	13"	12-1/2"	60-1/2"	10-5/8"	63-5/8"	70-1/16"	2", 3", 4"	2" NPT	1.5" NPT
GHE80SU/SS-300(A)	67-7/8"	57.43"	26-3/8"	13"	12-1/2"	60-1/2"	10-5/8"	63-5/8"	70-1/16"	3", 4", 6"	2" NPT	1.5" NPT
GHE100SU/SS-130(A)	77"	66-3/4"	26-3/8"	13"	12-1/2"	69.80"	10-5/8"	72-3/4"	77-1/2"	2", 3", 4"	2" NPT	1.5" NPT
GHE100SU/SS-160(A)	77"	66-3/4"	26-3/8"	13"	12-1/2"	69.80"	10-5/8"	72-3/4"	77-1/2"	2", 3", 4"	2" NPT	1.5" NPT
GHE100SU/SS-200(A)	77"	66-3/4"	26-3/8"	13"	12-1/2"	69.80"	10-5/8"	72-3/4"	77-1/2"	2", 3", 4"	2" NPT	1.5" NPT
GHE100SU/SS-250(A)	77"	66-3/4"	26-3/8"	13"	12-1/2"	69.80"	10-5/8"	72-3/4"	77-1/2"	3", 4", 6"	2" NPT	1.5" NPT
GHE100SU/SS-300(A)	77"	66-3/4"	26-3/8"	13"	12-1/2"	69.80"	10-5/8"	72-3/4"	77-1/2"	3", 4", 6"	2" NPT	1.5" NPT
GHE100SU/SS-400(A)	77"	66-3/4"	26-3/8"	13"	12-1/2"	69.80"	10-5/8"	72-3/4"	77-1/2"	3", 4", 6"	2" NPT	1.5" NPT

0" clearance to all combustible surfaces on sides and back; 6" for top.

## COMMERCIAL SIZING SOLUTIONS

Get the sizing and selection information you need for your commercial project

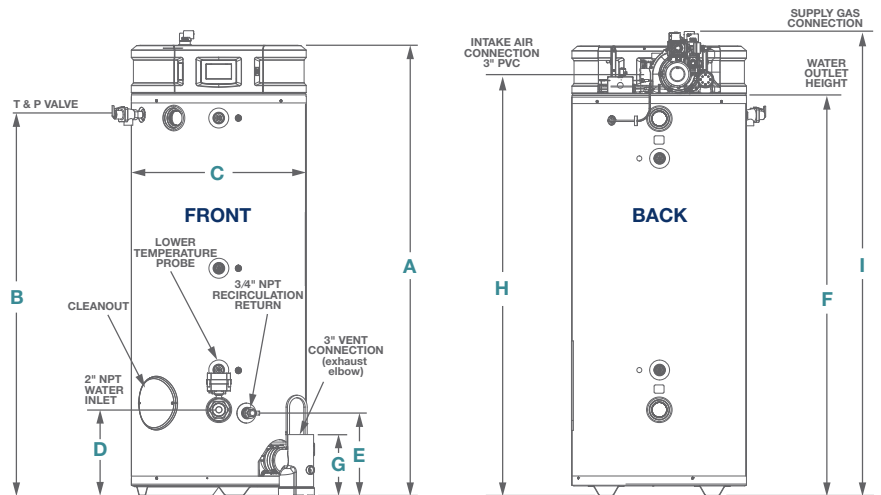
### SIZE IT YOURSELF

[Rheem.com/CertiSpec](http://Rheem.com/CertiSpec)

### GET IT SIZED

by Rheem® Applications Engineers

[Rheem.com/Commercial-Sizing-Request](http://Rheem.com/Commercial-Sizing-Request)



## Contact Us

**Customer Service, Warranty and Parts: 800.621.5622**

**Technical Service: 800.HEATER3 (800.432.8373)**

**EcoNet Support: 866.339.2388**

**Plumber Support Group: 866.339.2388**

<sup>1</sup>SS model only. <sup>2</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>3</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>4</sup>Based on 200,000 BTU/h - 4" pipe. <sup>5</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.

