



The new degree of comfort.™

C^oNDENSING TANKLESS



RHEEM® PRESTIGE® HIGH EFFICIENCY
CONDENSING TANKLESS GAS WATER HEATERS

THE NEXT LEVEL OF TANKLESS:

- All Models Exceed ENERGY STAR® Requirements
- Indoor Direct Vent with PVC Piping and Outdoor Models
- Rheem Exclusive Water Savings Setting
- Built-in Condensate Neutralizer

Rheem *Prestige*® Condensing Tankless Solutions – Save more water and energy-plus keep install costs to a minimum.

Preferred by contractors¹, Rheem® *Prestige*® Series Condensing Tankless Water Heaters are packed with business-building features. Our industry-leading energy-efficient design delivers an estimated lifetime savings of up to \$1,135 on energy costs.²

Efficiency

- .93 UEF with stainless steel condensing heat exchanger
- Intelligent electronic controls designed to increase energy efficiency and safety

Performance

- **Exclusive! Water Savings Setting** – upon activation, this setting can save homeowners up to 1,100 gallons of water per year³ by decreasing the flow of water through the pipes until the temperature reaches the heater's set temperature
- **Industry Best! Low Flow Activation** – Minimum flow rate of .26 GPM and minimum activation flow rate of .40 GPM ensures the user will receive hot water even in low demand situations
- Recirculation Pump Kit-Ready – Quickly pairs with our Recirculation Pump kit to provide instantaneous hot water at the tap⁴

Easy Installation and Service

- Built-in condensate neutralizer
- 1/2" Gas line compatibility on every model⁵
- **Exclusive! Maintenance Notice Setting** – Alerts homeowner – flashing a warning code to call for service check
- Self-diagnostic system for easy installation and service
- Digital display shows temperature setting and maintenance codes
- High-altitude capability – up to 8,400 ft. elevation above sea level⁶

Technology

- EZ-Link™ cable available for higher demand applications to connect two tankless units to operate as one
- Manifold up to six units with an optional MIC-6 manifold control board
- Manifold up to 20 units with the optional MIC-185 plus the MICS-180 manifold control assembly

Low Emissions

- **Environmentally Friendly** ultra low NOx burner meets SCAQMD rule 1146.2 requirements

Safety

- **Exclusive! Guardian OFW™** overheat film wrap
- **Exclusive! Hot Start Programming** – Minimizes cold water bursts by staying in ready-fire state for back-to-back hot water needs

Plus...

- Digital remote control and 10 ft. of thermostat wire included
- Supplied with a 120-volt power cord (indoor models only)
- **Industry Best!** Freeze protection to -30°F
- EZ-Spec™ Sizing Software – advanced online tool that takes the guess work out of sizing tankless applications – available at www.rheem.com/tankless

Warranty

- 12-Year heat exchanger – residential, 5-year heat exchanger – commercial, 5-year parts and 1-year labor

See Warranty Certificate for complete information



.93
UNIFORM
ENERGY
FACTOR



Maximum Water Temperature is 140° F (for applications requiring up to 185° F, see Rheem Commercial Tankless options)

¹ According to a 2015 survey of tankless contractors by Hanover Research on behalf of Rheem.

² Based on comparison of a Rheem® *Prestige*® Condensing Tankless Water Heater (natural gas) with .93 UEF and a 40-gallon standard residential natural gas tank-type water heater with a .63 UEF; Savings claim based on difference in annual operating costs from DOE over the 12-year warranty period of the Rheem tankless unit; Savings higher for liquid propane models.

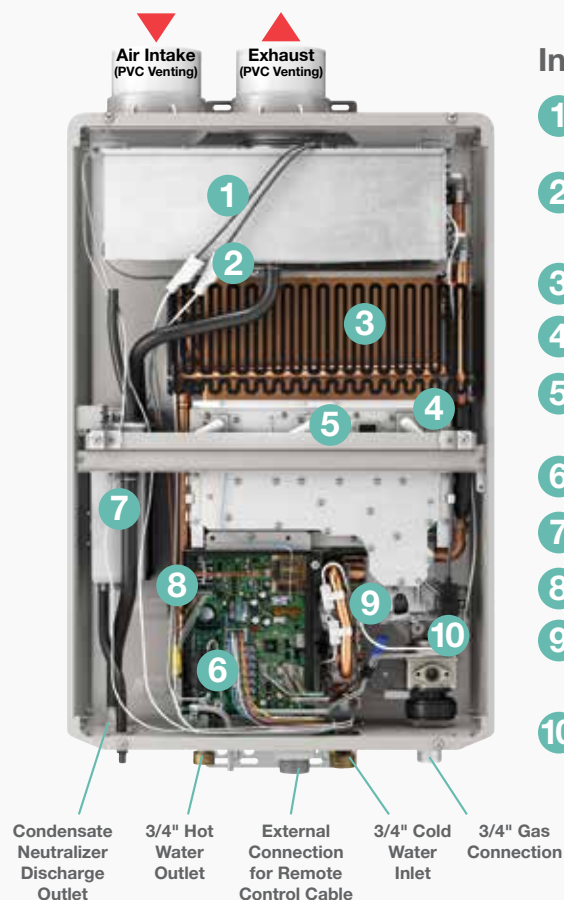
³ Savings based on DOE test procedures.

⁴ Pump kit designed for single unit applications only.

⁵ Follow National Fuel Gas Code or local applicable codes.

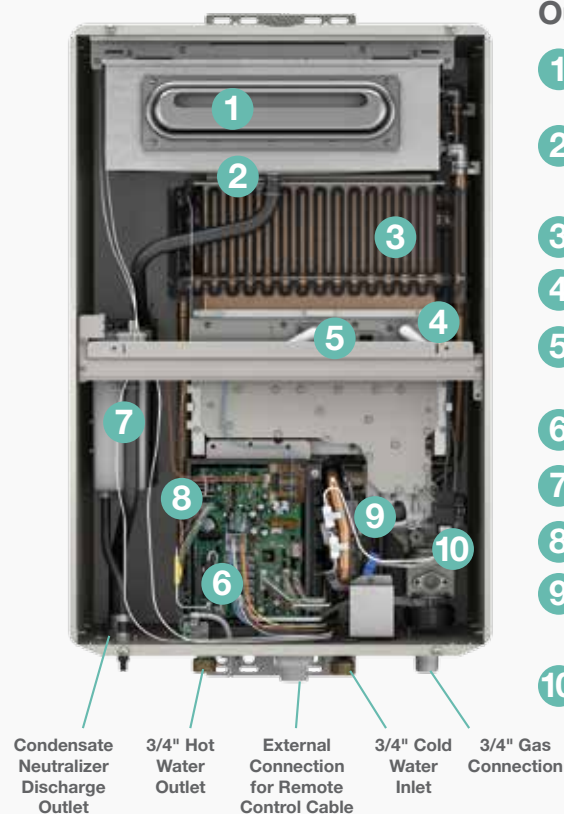
⁶ Contact customer service for exact altitude rating for each model.

Superior Construction and Reliability



Indoor Direct Vent

- 1 Stainless Steel Secondary Heat Exchanger
- 2 All-Copper Primary Heat Exchanger
- 3 Over Heat Film Wrap
- 4 Electronic Spark Ignition
- 5 157,000 - 199,900 Btu/h Modulating Burner
- 6 Electronic Control Board
- 7 Condensate Reservoir
- 8 Variable Speed Fan
- 9 Water Flow Control System
- 10 Modulating Gas Valve



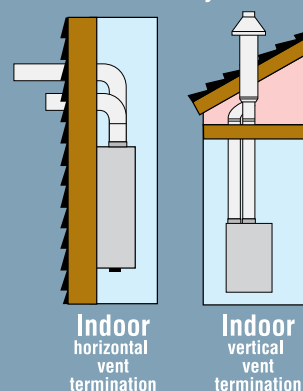
Outdoor

- 1 Stainless Steel Secondary Heat Exchanger
- 2 All-Copper Primary Heat Exchanger
- 3 Over Heat Film Wrap
- 4 Electronic Spark Ignition
- 5 157,000 - 199,900 Btu/h Modulating Burner
- 6 Electronic Control Board
- 7 Condensate Reservoir
- 8 Variable Speed Fan
- 9 Water Flow Control System
- 10 Modulating Gas Valve

Venting Options and Installations

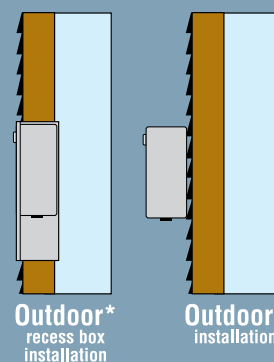


PVC Vent System



All indoor tankless units must be vented vertically or horizontally to the outdoors using manufacturer approved venting material. See the installation instructions for each specific model. (ULCS636 Pipe must be used for Canada.)

Outdoor



*Outdoor units do not require venting materials.

Venting details, including clearances and diagrams can be found in the "Use & Care Manual" of Rheem indoor tankless water heaters.





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Commercial Gas
Prestige Tankless Water Heaters

Rheem Prestige® Specifications

DESCRIPTION				FEATURES					ROUGHING IN DIMENSIONS (SHOWN IN INCHES)							ENERGY INFO.	
MODEL NUMBER	GAS INPUT BTU/H	TYPE	NUMBER OF BATHROOMS*	TEMP. RANGE	MIN. FLOW/ ACTIVATION GPM	GPM @ 67° RISE MAX.	GPM @45° RISE MAX.	MAX. GPM	CONNECTION		HEIGHT	WIDTH	DEPTH	VENT DIAM.	SHIP WEIGHT (LBS.)	ENERGY FACTOR	UNIFORM ENERGY FACTOR (UEF)
Rheem Prestige® RTGH-95																	
RTGH-95DVLN-1	11,000-199,900	Indoor Direct Vent	4	85° to 140° F	0.26/0.40	5.7	8.5	9.5	3/4	3/4	27-1/2	18-1/2	9-3/4	2", 3" or 4" PVC 2-Pipe	82	0.96	0.93
RTGH-95XLN-1	11,000-199,900	Outdoor	4	85° to 140° F	0.26/0.40	5.6	8.5	9.5	3/4	3/4	27-1/2	18-1/2	9-3/4	N/A	82	0.95	0.93
Rheem Prestige® RTGH-90																	
RTGH-90DVLN-1	11,000-180,000	Indoor Direct Vent	3 - 4	85° to 140° F	0.26/0.40	5.2	7.7	9.0	3/4	3/4	27-1/2	18-1/2	9-3/4	2", 3" or 4" PVC 2-Pipe	82	0.96	0.93
RTGH-90XLN-1	11,000-180,000	Outdoor	3 - 4	85° to 140° F	0.26/0.40	5.2	7.7	9.0	3/4	3/4	27-1/2	18-1/2	9-3/4	N/A	82	0.95	0.93
Rheem Prestige® RTGH-84																	
RTGH-84DVLN-1	11,000-157,000	Indoor Direct Vent	3	85° to 140° F	0.26/0.40	4.6	6.7	8.4	3/4	3/4	27-1/2	18-1/2	9-3/4	2", 3" or 4" PVC 2-Pipe	82	0.96	0.93
RTGH-84XLN-1	11,000-157,000	Outdoor	3	85° to 140° F	0.26/0.40	4.5	6.7	8.4	3/4	3/4	27-1/2	18-1/2	9-3/4	N/A	82	0.95	0.93

*Based on simultaneous showers using 2.5 GPM flow rate pre-mixed with cold water line. Flow rates vary depending on temperature of incoming cold water and water heater set temperature. Refer to flow rate curves for accurate sizing.

Uniform Energy Factor and Energy Factor based on Department of Energy (D.O.E.) requirements.

All models are available in Natural Gas and Propane (LP). For Propane replace the N with P when ordering.

SCAQMD 1146.2 compliant.

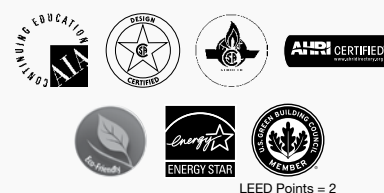
Factory set maximum temperature is 120° F. See Use and Care Manual for setting.

Consult factory for information on sizing the application.

Add a "C" to the model number when ordering Canadian models. Outdoor models are only for seasonal use in Canada. Please contact Rheem Canada Ltd. for details.

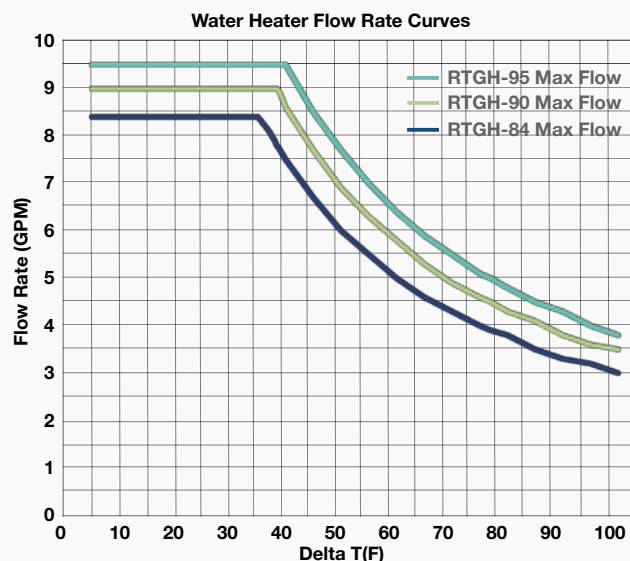
Vent Termination Kits are required for Direct Vent models. Contact your distributor for details.

Proper gas pressure must be ensured to supply tankless gas water heaters – up to 199,900 Btu/h for RTGH-95 models, up to 180,000 Btu/h for RTGH-90 models, up to 157,000 Btu/h for RTGH-84 models. (Consult your gas supplier)



Model Number	Temperature Rise (° F)								
	35°	45°	50°	60°	67°	70°	80°	90°	100°
RTGH-95 Water Flow (GPM)	9.5	8.5	7.7	6.4	5.7	5.5	4.8	4.3	3.8
RTGH-90 Water Flow (GPM)	9.0	7.7	6.9	5.8	5.2	4.9	4.3	3.8	3.5
RTGH-84 Water Flow (GPM)	8.4	6.7	6.0	5.0	4.6	4.3	3.8	3.3	3.0

Above estimates are for sizing purposes only.



Maximum Vent Length (intake/outlet):

NUMBER OF 90° ELBOWS	MAXIMUM LENGTH OF 2" STRAIGHT PIPE	MAXIMUM LENGTH OF 3" STRAIGHT PIPE	MAXIMUM LENGTH OF 4" STRAIGHT PIPE
0 or 1	5.0 ft. (1.5 m)	38.0 ft. (11.6 m)	94.0 ft. (28.6 m)
2	3.5 ft. (1.0 m)	36.5 ft. (11.1 m)	88.0 ft. (26.8 m)
3	2.0 ft. (0.6 m)	35.0 ft. (10.6 m)	82.0 ft. (25.0 m)
4	Not Available	33.5 ft. (10.2 m)	76.0 ft. (23.2 m)
5	Not Available	32.0 ft. (9.8 m)	70.0 ft. (21.3 m)
6	Not Available	30.5 ft. (9.3 m)	64.0 ft. (19.5 m)

(ULC-S636 pipe must be used for Canada.)

Parts and Accessories

Venting & terminations – 2", 3" or 4" PVC, recess boxes, pipe covers, extra remote controls, EZ-Link™ cable, manifolds and cables, service valve kits, service parts, flush kits, recirculation pump kits and AllClear™ water treatment system. For more information on Tankless parts and accessories, see the Parts and Accessories Catalog or call 866-720-2076.

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

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PRINTED IN U.S.A. 06/17 WP FORM NO. TK-901C Rev. 12