



The new degree of comfort.™



Residential Gas
Prestige H84 Tankless Water Heaters

Rheem Prestige™ RTGH-84 is a series of high efficiency condensing tankless gas water heaters for two to three bathroom homes.*

Efficiency

- 94% energy efficient with stainless steel condensing heat exchanger
- Intelligent electronic controls designed to increase energy efficiency and safety
- Third party efficiency listed by GAMA

Performance

- Industry First! .26 GPM minimum flow rate, .40 GPM minimum activation flow rate
- 8.4 gal./min. at 35°F rise max., 6.6 gal./min. at 45°F rise

Compact Size

- Compact space saving design – about the size of a medicine cabinet

Self-Diagnostic System

- Self-diagnostic system for easy installation and service.
- Digital display shows temperature setting and maintenance codes

Low Emissions

- Environmentally friendly Low NOx burner meets SCAQMD rule 1146 requirements

Technology

- Two-pipe direct vent system designed for PVC pipe, see instructions for details
- Built-in electric blower
- Exclusive! Guardian overhear film wrap (OFW)
- EZ-Link cable available for higher demand applications to connect two tankless units to operate as one
- Manifold up to 6 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

High Altitude Compliant

- High-altitude capability – up to 9,840 ft. elevation above sea level

Plus...

- Up to 35 ft. of 3" PVC Pipe or 5 ft. of 2" PVC Pipe, see instructions for details
- Digital remoted control and 10 ft. of thermostat wire included
- Supplied with a 120 volt power cord (indoor models only)
- 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 on heat exchanger, 5-year on parts and 1-year on labor

See Residential Warranty Certificate for complete information

Commercial Applications

The H84 Condensing Tankless Series can be converted to high-volume commercial with our Tankless Conversion Kits

- Temperature range is 85°F to 185°F

RTGH-84 Conversion Kits

RTG20225A for RTGH-84DVN
RTG20225B for RTGH-84DVP
RTG20225C for RTGH-84XN
RTG20225D for RTGH-84XP

* Based on simultaneous showers using 2.5 gallons per minute. Flow rates vary depending on temperature of cold water supply.



RTGH-84DV

Indoor Direct Vent Model
11,000-157,000 Btu/h
Natural and LP Gas



RTGH-84X

Outdoor Model
11,000-157,000 Btu/h
Natural and LP Gas



LEED Points = 2



INTEGRATED HOME COMFORT



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Rheem Prestige RTGH-84 Specifications for 2-3 Bathroom Homes

DESCRIPTION			FEATURES						ROUGHING IN DIMENSIONS (SHOWN IN INCHES)						ENERGY INFO.		
MODEL NUMBER	GAS INPUT BTU/H	TYPE	TEMP. RANGE	MIN. FLOW/ACTIVATION GPM	GPM @ 77° RISE MAX.	GPM @ 45° RISE MAX.	MAX. GPM	CONNECTION WATER	GAS	HEIGHT	WIDTH	DEPTH	VENT DIAM.	SHIP. WEIGHT (LBS.)	ENERGY FACTOR	% OF THERM. EFFICIENCY	D.O.E. ANN. OP. COST NAT/LP
RTGH-84DVN	11,000-157,000	Indoor Direct Vent	85° to 140° F	.26/.40	3.9	6.6	8.4	3/4	3/4	27-1/2	18-1/2	9-3/4	3" PVC 2-Pipe	82	.94	94%	\$194/326
RTGH-84XN	11,000-157,000	Outdoor	85° to 140° F	.26/.40	3.9	6.6	8.4	3/4	3/4	27-1/2	18-1/2	9-3/4	N/A	82	.92	94%	\$194/326

Energy Factor and Average Annual Operating Costs based on D.O.E. (Department of Energy) test procedures. D.O.E. national average fuel rate natural gas \$1.218/therm; LP \$1.87/gallon. All models are available in Natural Gas and Propane (LP). For Propane replace the N with P when ordering.

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

• Consult factory for information on sizing the application.

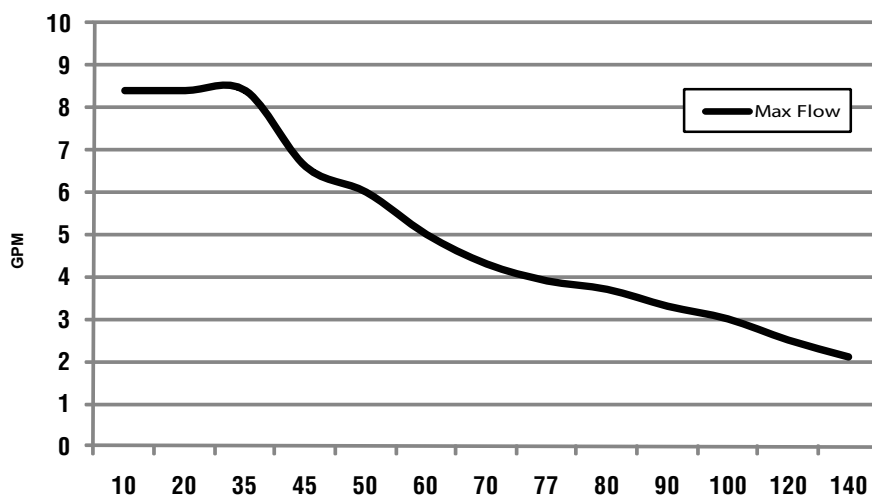
Vent Termination Kits are required for Direct Vent models. Contact your distributor for details.

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

Model Number	Temperature Rise (° F)								
	35°	45°	50°	60°	70°	77°	80°	90°	100°
RTGH-84 Water Flow (GPM)	8.4	6.6	6.0	5.0	4.3	3.9	3.7	3.3	3.0

Above estimates are for sizing purposes only.

Water Heater Flow Rate Curves



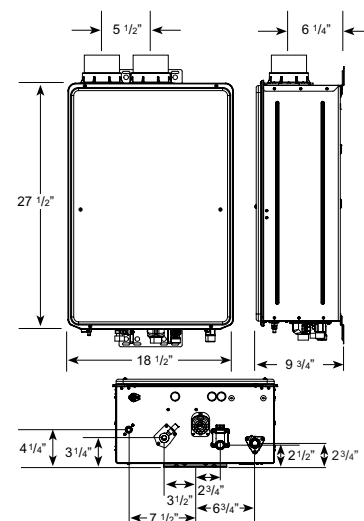
Parts and Accessories

- Venting & terminations – 2" or 3" PVC
- EZ-Link, manifolds and cables
- Recess boxes
- Service valve kits
- Pipe covers
- Service parts
- Extra remote controls
- Flush kits

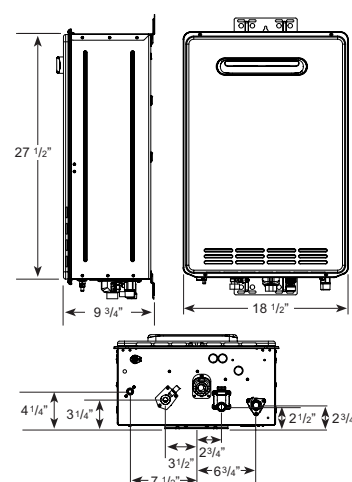
For more information on Tankless parts and accessories, see the Parts and Accessories catalog or call 866-720-2076.

Units meet or exceed ANSI requirements and have been tested according to D.O.E. procedures. Units meet or exceed the energy efficiency requirements of NAECA, ASHRAE standard 90, ICC Code and all state energy efficiency performance criteria.

Indoor Direct Vent



Outdoor



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

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