The new degree of comfort.™

# Rheem Prestige™ RTGH is a series of high efficiency condensing tankless gas water heaters designed for continuous hot water

# **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 AHRI

## **Performance**

- Industry First! 0.26 GPM minimum flow rate, 0.40 GPM minimum activation flow rate
- RTGH-95 for 3 bathroom homes\*–
   9.5 gal./min. at 35°F rise max.,
   8.4 gal./min. at 45°F rise
   SCAQMD rule 1146.2 compliant
- RTGH-84 for 2-3 bathroom homes\*– 8.4 gal./min. at 35°F rise max., 6.6 gal./min. at 45°F rise SCAQMD rule 1146.2 compliant

#### **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

#### Technology

- Two-pipe direct vent system designed for PVC pipe, see instructions for details
- Hot start programming helps minimize fluctuation in water temperature, referred to as "cold water sandwich," during periods of frequent on/off operation
- Built-in electric blower
- Exclusive! Guardian overheat film wrap (OFW)
- 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

## **High Altitude Compliant**

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

#### Plus..

- Up to 38 ft. of 3" PVC Pipe or 5 ft. of 2" PVC Pipe, see instructions for details
- Digital remote 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<sup>™</sup> 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 – residential, 5-year on the heat exchanger – commercial, 5-year on parts and 1-year on labor
 See Warranty Certificate for complete information

#### **Commercial Applications**

The RTGH Condensing Tankless Series can be upgraded for hightemperature commercial use.

• Temperature range is 85°F to 185°F

### RTGH-95 Upgrade Kits

RTG20240A for RTGH-95DVLN RTG20240B for RTGH-95DVLP RTG20240C for RTGH-95XLN RTG20240D for RTGH-95XLP

# **RTGH-84 Upgrade Kits**

RTG20241A for RTGH-84DVLN RTG20241B for RTGH-84DVLP RTG20241C for RTGH-84XLN RTG20241D for RTGH-84XLP

Note: These upgrade kits are not compatible with previous models. See the 2012 Tankless Parts Catalog for a complete listing.



**RTGH-DV** 

Indoor Direct Vent Model 11,000-199,900 Btu/h Natural and LP Gas



RTGH-X

Outdoor Model 11,000-199,900 Btu/h Natural and LP Gas



















LEED Points = 2



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



# Rheem Prestige RTGH-95 Specifications for 3 Bathroom Homes

DESCRIPTION				FEATURES					ROUGHING IN DIMENSIONS (SHOWN IN INCHES)						ENERGY INFO.		
MODEL	GAS INPUT		TEMP.	MIN. FLOW/ ACTIVATION	GPM @ 77° RISE	GPM @ 45° RISE	MAX.	CONNE					VENT	SHIP. WEIGHT	ENERGY	% OF THERM.	D.O.E. ANN. OP. COST
NUMBER	BTU/H	TYPE	RANGE	GPM	MAX.	MAX.	GPM	WATER	GAS	HEIGHT	WIDTH	DEPTH	DIAM.	(LBS.)	FACTOR	EFFICIENCY	NAT/LP
RTGH-95DVLN	11,000- 199,900	Indoor Direct Vent	85° to 140° F	0.26/0.40	4.9	8.4	9.5	3/4	3/4	27-1/2	18-1/2	9-3/4	2" or 3" PVC 2-Pipe	82	.94	94%	\$194/326
RTGH-95XLN	11,000- 199,900	Outdoor	85° to 140° F	0.26/0.40	4.9	8.4	9.5	3/4	3/4	27-1/2	18-1/2	9-3/4	N/A	82	.94	94%	\$194/326

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

DESCRIPTION			FEATURES					ROUGHING IN DIMENSIONS (SHOWN IN INCHES)						ENERGY INFO.			
MODEL	GAS INPUT		TEMP.	MIN. FLOW/ ACTIVATION	GPM @ 77° RISE	GPM @ 45° RISE	MAX.	CONNE	CTION				VENT	SHIP. WEIGHT	ENERGY	% OF THERM.	D.O.E. ANN. OP. COST
NUMBER	BTU/H	TYPE	RANGE	GPM	MAX.	MAX.	GPM	WATER	GAS	HEIGHT	WIDTH	DEPTH	DIAM.	(LBS.)	FACTOR	EFFICIENCY	NAT/LP
RTGH-84DVLN	11,000- 157,000	Indoor Direct Vent	85° to 140° F	0.26/0.40	3.9	6.6	8.4	3/4	3/4	27-1/2	18-1/2	9-3/4	2" or 3" PVC 2-Pipe	82	.94	94%	\$194/326
RTGH-84XLN	11,000- 157,000	Outdoor	85° to 140° F	0.26/0.40	3.9	6.6	8.4	3/4	3/4	27-1/2	18-1/2	9-3/4	N/A	82	.93	94%	\$198/333

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.

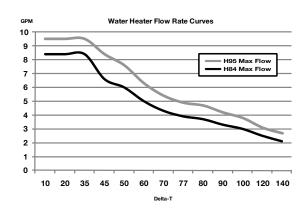
- SCAQMD 1146.2 compliant.
- Factory set maximum temperature is 120° F. See Use and Care Manual for setting.
- Consult factory for information on sizing the application.
- Add a "C" to the model number when ordering Canadian models. Outdoor models are only for seasonal use in Canada. Please contact Rheem 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 157,000 Btu/h for RTGH-84 models. (Consult your gas supplier)

				Temp	erature	Rise (° F	)		
Model Number	35°	45°	50°	60°	70°	77°	80°	90°	100°
RTGH-95 Water Flow (GPM)	9.5	8.4	7.6	6.3	5.4	4.9	4.7	4.2	3.8
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.



#### **Maximum Vent Length** (intake/outlet):

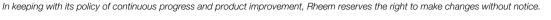
Number of 90° Elbows	Maximum Length of 2" Straight Pipe	Maximum Length of 3" Straight Pipe				
0 or 1	5.0 ft. (1.5 m)	38.0 ft. (11.6 m)				
2	3.5 ft. (1.0 m)	36.5 ft. (11.1 m)				
3	2.0 ft. (0.6 m)	35.0 ft. (10.6 m)				
4	Not Available	33.5 ft. (10.2 m)				
5	Not Available	32.0 ft. (9.8 m)				
6	Not Available	30.5 ft. (9.3 m)				

(ULCs636 pipe must be used for Canada.)

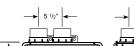
#### **Parts and Accessories**

Venting & terminations – 2" or 3" PVC, recess boxes, pipe covers, extra remote controls, EZ-Link, manifolds and cables, service valve kits, service parts, flush kits

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



Rheem Water Heating • 101 Bell Road Montgomery, Alabama 36117-4305 • www.rheem.com Rheem Canada Ltd./Ltée • 125 Edgeware Road, Unit 1 Brampton, Ontario L6Y 0P5 • www.rheem.com



**Indoor Direct Vent** 

