

Product Brochure
Water Heaters | Tankless Gas



The new degree of comfort.™

WELC^oME

TO CONTINUOUS HOT WATER



Indoor and Outdoor Tankless Gas Water Heaters



Rheem Tankless water heaters offer an energy efficient means to provide hot water for your home or business.

All Rheem Tankless water heaters feature:

- ENERGY STAR® Qualification
- AHRI Listing
- 12-Year Limited Heat Exchanger Warranty*
 - Residential (5-Year Commercial*)
- 5-Year Limited Parts Warranty*
- 1-Year Limited Labor Warranty*
- Digital Remote Control Included
- 10ft of Thermostat Wire Included
- Easy Access Remote Terminal Block
- High Altitude Capable up to 9,480ft
- EZ-Link™ Capable - two like units operate as one
- Multi-Unit Manifold Capable - up to 20 like units
- Self Diagnostic Electronic Control System
- Easy to Service System and Burner
- Freeze Protection to -30°F

Indoor models feature:

- Direct Vent System
 - Concentric Stainless Steel for Mid-Efficiency
 - Two-Pipe PVC for Condensing
- Condensate Trap or Collector
- Supplied with a 120 volt power cord

Outdoor models feature:

- No Venting System Needed
- Outdoor Recess Enclosures Available
- Hardwire Electrical Connection

* See Warranty Guide for additional information.

Estimated Annual Energy Costs

MODEL SERIES FUEL TYPE	EST. YEARLY ENERGY COST	
	(N) Natural	(P) Propane
RTGH-95DVL	\$174	\$421
RTGH-95XL	\$174	\$421
RTGH-90DVL	\$176	\$425
RTGH-90XL	\$176	\$425
RTGH-84DVL	\$178	\$430
RTGH-84XL	\$178	\$430
RTG-95DVL	\$199	\$482
RTG-95XL	\$199	\$482
RTG-84DVL	\$199	\$482
RTG-84XL	\$199	\$482
RTG-64DVL	\$199	\$482
RTG-64XL	\$199	\$482

Estimated energy cost based on a national average fuel cost of \$1.09/therm for natural gas and \$2.41/gallon for LP. Energy factor determined by the U.S. Department of Energy (DOE) test procedures.

Operating costs will vary by location and system usage.

Temperature Upgrade Kits

MODEL SERIES FUEL TYPE	KIT PART NUMBER	
	(N) Natural	(P) Propane
RTGH-95DVL	RTG20240A	RTG20240B
RTGH-95XL	RTG20240C	RTG20240D
RTGH-90DVL	RTG20244A	RTG20244B
RTGH-90XL	RTG20244C	RTG20244D
RTGH-84DVL	RTG20241A	RTG20241B
RTGH-84XL	RTG20241C	RTG20241D
RTG-95DVL	RTG20236A	RTG20236B
RTG-95XL	RTG20236C	RTG20236D
RTG-84DVL	RTG20237A	RTG20237B
RTG-84XL	RTG20237C	RTG20237D

Upgrade a standard unit from basic residential use to high temperature commercial or hydronic applications with this easy to install kit. These kits enable the system to operate at temperatures up to 185°F necessary for commercial or hydronic use.

These kits are designed to fit specific models and will only work with the exact model number that they are specified for. Example, Model number RTGH-95DVL, the suffix (N) is the fuel type. Refer to the Tankless Parts and accessories guide for details on models not listed here.

Tankless Water Heater Flow Rates

MODEL SERIES	TEMPERATURE RISE (° F)								
	35°	45°	50°	60°	70°	77°	80°	90°	100°
RTGH-95	9.5	8.4	7.6	6.3	5.4	4.9	4.7	4.2	3.8
RTGH-90	9.0	7.5	6.8	5.6	4.8	4.4	4.2	3.8	3.4
RTGH-84	8.4	6.6	6.0	5.0	4.3	3.9	3.7	3.3	3.0
RTG-95	9.5	7.4	6.6	5.5	4.7	4.3	4.1	3.7	3.3
RTG-84	8.4	6.7	6.1	5.1	4.3	3.9	3.8	3.4	3.0
RTG-64	6.4	5.6	5.1	4.2	3.6	3.3	3.2	2.8	2.5



Tankless Parts



Outdoor Recess Box

These allow you to mount an outdoor tankless into the wall, flush with the outside of the home. They are weather resistant and can be locked for security.

- **RTG20226** - Fits RTGH X Series Outdoor Condensing Models
- **RTG20218** - Fits RTG X Series Outdoor Tankless Models



Cosmetic Pipe Covers

These cosmetic pipe covers enhance the installation of the water heater and provides protection from tampering and weather.

- **RTG20227** - Fits RTGH Series Indoor or Outdoor Condensing Models
- **RTG20217DVG** - Fits RTG DV Series Indoor Tankless Models
- **RTG20217XG** - Fits RTG X Series Outdoor Tankless Models



Service Valves

Webstone Brand Tankless Service Valves

- **RTG20220AB** - Clean Brass for Low Lead Code
Includes Cold and Hot Water set and Pressure Relief Valve.

Actual appearance may vary.



Flush Kit

The Tankless Flush kit connects to the service valves for an easy way to flush and de-scale your tankless water heater.

- **RTG20214**
Includes pump, hoses and 5-gallon bucket.

Condensing Termination Kits

The PVC vent terminations allow for an aesthetic and easy installation of High Efficiency Tankless Water Heaters.



Horizontal or Vertical Concentric Termination

Combines a two-pipe vent system to a single, concentric through-the-wall or roof penetration. Designed for two-pipe direct vent, fits PVC or CPVC venting. Installed dimensions: 39" long x 7¼" dia.

- **SP20245** - for 3" PVC Venting



Horizontal Vent Termination

Low profile design for two-pipe direct vent, fits PVC or CPVC venting. Installed dimensions: 11¼" x 8" x 2½"

- **SP20286** - for 3" PVC Venting
- **SP20285** - for 2" PVC Venting

Stainless Steel Vent System

3"/5" Concentric Stainless Steel venting, Category III Rated for Mid-Efficiency Tankless Water Heaters.



Horizontal Vent Kit

Low profile cone design for concentric direct vent systems. Includes 90-degree elbow, short, low-profile termination, installation screws.

- **RTG20231** - up to 6" thick walls
- **RTG20234** - up to 8" thick walls

Economy Vent Kit

- **RTG20210** - up to 10" thick walls



Vertical Termination Kit

Concentric direct vent systems. Stainless steel and galvanized construction. Includes vertical termination cap, storm collar, 6-12 pitch roof flashing, installation screws. Vent pipe not included.

- **RTG20211** - Vertical Vent Kit

Additional Venting and accessories are available. See Catalog for details.

Actual appearance may vary.

Condensing Tankless

MODEL NUMBER HEATER TYPE BTU/H INPUT: MIN/MAX RECOVERY EFFICIENCY/ EF	RECOVERY GPM: MAX / MIN (ACTIVATION) MAX @ RISE	TEMPERATURE RANGE	VENT SIZE TYPE MAX LENGTH	CONNECTIONS WATER, GAS, POWER	ROUGHING IN DIMENSIONS: H, W, D, LBS
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RTGH-95DVLN - Indoor - Direct Vent

11,000 - 199,900 Btu/h 94% / 0.94 (Nat or LP) ENERGY STAR® qualified	9.5 / 0.26 (0.40)	85°F to 140°F (120°F default)	2" or 3" PVC (schedule 40) 5 ft with 2" 39ft with 3"	3/4" Water 3/4" Gas 120 VAC 3 AMP (10ft Cord Included)	27-1/2" 18-1/2" 9-3/4" 82 lbs
	4.9 @ 77° Rise	85°F to 185°F with Commercial Upgrade Kit			
	8.4 @ 45° Rise				

RTGH-95XLN - Outdoor

11,000 - 199,900 Btu/h 94% / 0.94 (Nat or LP) ENERGY STAR® qualified	9.5 / 0.26 (0.40)	85°F to 140°F (120°F default)	None Required	3/4" Water 3/4" Gas 120 VAC 3 AMP (Must be hard wired)	27-1/2" 18-1/2" 9-3/4" 82 lbs
	4.9 @ 77° Rise	85°F to 185°F with Commercial Upgrade Kit			
	8.4 @ 45° Rise				

COMING SOON! RTGH-90DVLN - Indoor - Direct Vent

11,000 - 180,000 Btu/h 93% / 0.93 (Nat or LP) ENERGY STAR® qualified	9.0 / 0.26 (0.40)	85°F to 140°F (120°F default)	2" or 3" PVC (schedule 40) 5 ft with 2" 39ft with 3"	3/4" Water 3/4" Gas 120 VAC 3 AMP (10ft Cord Included)	27-1/2" 18-1/2" 9-3/4" 82 lbs
	4.4 @ 77° Rise	85°F to 185°F with Commercial Upgrade Kit			
	7.5 @ 45° Rise				

COMING SOON! RTGH-90XLN - Outdoor

11,000 - 180,000 Btu/h 93% / 0.93 (Nat or LP) ENERGY STAR® qualified	9.0 / 0.26 (0.40)	85°F to 140°F (120°F default)	None Required	3/4" Water 3/4" Gas 120 VAC 3 AMP (Must be hard wired)	27-1/2" 18-1/2" 9-3/4" 82 lbs
	4.4 @ 77° Rise	85°F to 185°F with Commercial Upgrade Kit			
	7.5 @ 45° Rise				


RTGH-84DVLN - Indoor - Direct Vent

11,000 - 157,000 Btu/h 92% / 0.92 (Nat or LP) ENERGY STAR® qualified	8.4 / 0.26 (0.40)	85°F to 140°F (120°F default)	2" or 3" PVC (schedule 40) 5 ft with 2" 39 ft with 3"	3/4" Water 3/4" Gas 120 VAC 3 AMP (10ft Cord Included)	27-1/2" 18-1/2" 9-3/4" 82 lbs
	3.9 @ 77° Rise	85°F to 185°F with Commercial Upgrade Kit			
	6.6 @ 45° Rise				

RTGH-84XLN - Outdoor

11,000 - 157,000 Btu/h 92% / 0.92 (Nat or LP) ENERGY STAR® qualified	8.4 / 0.26 (0.40)	85°F to 140°F (120°F default)	None Required	3/4" Water 3/4" Gas 120 VAC 3 AMP (Must be hard wired)	27-1/2" 18-1/2" 9-3/4" 82 lbs
	3.9 @ 77° Rise	85°F to 185°F with Commercial Upgrade Kit			
	6.6 @ 45° Rise				

All models are available for Natural gas or Propane (LP). When ordering for Propane replace the N with a P at the end of the model number. All models meet SCAQMD rule 1146.2.

 denotes number of bathrooms



Mid-Efficiency Tankless

MODEL NUMBER HEATER TYPE BTU/H INPUT: MIN/MAX RECOVERY EFFICIENCY/ EF	RECOVERY GPM: MAX / MIN (ACTIVATION) MAX @ RISE	TEMPERATURE RANGE	VENT SIZE TYPE MAX LENGTH	CONNECTIONS WATER, GAS, POWER	ROUGHING IN DIMENSIONS: H, W, D, LBS
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RTG-95DVLN - Indoor - Direct Vent

11,000 - 199,900 Btu/h 84% / 0.82 (Nat or LP) ENERGY STAR® qualified	9.5 / 0.26 (0.40) 4.3 @ 77° Rise 7.4 @ 45° Rise	85°F to 140°F (120°F default) 85°F to 185°F with Commercial Upgrade Kit	3"/5" Concentric Stainless Steel (Metal Fab Inc) 29 ft 1 Elbow	3/4" Water 3/4" Gas 120 VAC 3 AMP (10ft Cord Included)	25-5/8" 13-7/8" 9-7/8" 54 lbs
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RTG-95XLN - Outdoor

11,000 - 199,900 Btu/h 83% / 0.82 (Nat or LP) ENERGY STAR® qualified	9.5 / 0.26 (0.40) 4.3 @ 77° Rise 7.4 @ 45° Rise	85°F to 140°F (120°F default) 85°F to 185°F with Commercial Upgrade Kit	None Required	3/4" Water 3/4" Gas 120 VAC 3 AMP (Must be hard wired)	25-5/8" 13-7/8" 8-7/8" 54 lbs
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RTG-84DVLN[†] - Indoor - Direct Vent

11,000 - 180,000 Btu/h 84% / 0.82 (Nat or LP) ENERGY STAR® qualified	8.4 / 0.26 (0.40) 3.9 @ 77° Rise 6.7 @ 45° Rise	85°F to 140°F (120°F default) 85°F to 185°F with Commercial Upgrade Kit	3"/5" Concentric Stainless Steel (Metal Fab Inc) 29 ft 1 Elbow	3/4" Water 3/4" Gas 120 VAC 3 AMP (10ft Cord Included)	25-5/8" 13-7/8" 9-7/8" 54 lbs
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RTG-84XLN - Outdoor

11,000 - 180,000 Btu/h 83% / 0.82 (Nat or LP) ENERGY STAR® qualified	8.4 / 0.26 (0.40) 3.9 @ 77° Rise 6.7 @ 45° Rise	85°F to 140°F (120°F default) 85°F to 185°F with Commercial Upgrade Kit	None Required	3/4" Water 3/4" Gas 120 VAC 3 AMP (Must be hard wired)	25-5/8" 13-7/8" 8-7/8" 54 lbs
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RTG-64DVLN - Indoor - Direct Vent

11,000 - 150,000 Btu/h 84% / 0.82 (Nat or LP) ENERGY STAR® qualified	6.4 / 0.26 (0.40) 3.3 @ 77° Rise 5.6 @ 45° Rise	85°F to 140°F (120°F default)	3"/5" Concentric Stainless Steel (Metal Fab Inc) 29 ft 1 Elbow	3/4" Water 3/4" Gas 120 VAC 3 AMP (10ft Cord Included)	25-5/8" 13-7/8" 9-7/8" 54 lbs
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RTG-64XLN - Outdoor

11,000 - 150,000 Btu/h 83% / 0.82 (Nat or LP) ENERGY STAR® qualified	6.4 / 0.26 (0.40) 3.3 @ 77° Rise 5.6 @ 45° Rise	85°F to 140°F (120°F default)	None Required	3/4" Water 3/4" Gas 120 VAC 3 AMP (Must be hard wired)	25-5/8" 13-7/8" 8-7/8" 54 lbs
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All models are available for Natural gas or Propane (LP). When ordering for Propane replace the N with a P at the end of the model number. All models meet SCAQMD rule 1146.2.

 denotes number of bathrooms



The new degree of comfort.™



Residential Gas
Tankless Water Heaters

Multi-Unit Systems

Combine multiple units, up to 20, for the most demanding applications.



MIC-6 Manifold Controller

Connect up to 6 tankless water heaters together in a single manifold. This kit mounts inside a single tankless unit and connects up to 5 additional units for a total of 6 water heaters.

- RTG20213A - MIC-6
Includes (1) 1ft Control Cable, (1) 6ft Control Cable, additional Type Q Cables are needed for 3 to 6 units.



Manifold Control Cables (Type Q)

One required for each tankless water heater installed in a manifold. Connects a single tankless water heater to the MIC-6 Controller.

- RTG20213B - MIC-Q-1 1ft Control Cable
 - RTG20213C - MIC-Q-6 6ft Control Cable
 - RTG20213D - MIC-Q-18 18ft Control Cable
- These cables will not fit the MIC-185 Controller.

MIC-185 Manifold Controller

Connect up to 6 tankless water heaters together in a single manifold. The system can control up to six water heaters and can be expanded up to 20 water heaters with the MICS-180. A weather proof cabinet for indoor and outdoor applications is included.

- RTG20126A - MIC-185
Includes installation cabinet for indoor or outdoor applications and power cord.

MICS-180 Manifold Controller Expansion Card

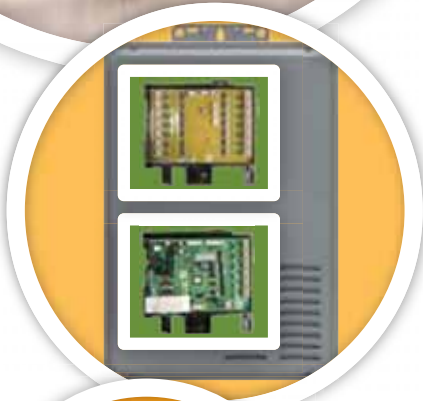
Add on card for the MIC-185 to connect up to 20 units in total.

- RTG20126B
Installations of 7 to 20 require this expansion card. Mounts inside the MIC-185 cabinet, includes hardware to install.

Manifold Control Cables (Type K)

One required for each tankless water heater installed in a manifold. Connects a single tankless water heater to the MIC-185 Controller or MICS-180 expansion card.

- RTG20126C - MIC-K-16 16ft Control Cable
 - RTG20126D - MIC-K-32 32ft Control Cable
 - RTG20126E - MIC-K-65 65ft Control Cable
- These cables will not fit the MIC-6 Controller.



EZ-Link™ Cable

Easily connect two tankless units together. When connected the units will operate as a single system. Compatible with all current models.

- RTG20040
Must use two identical models.



LEED Points = 2

All Rheem Tankless Water Heaters 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. All Rheem Tankless Water Heaters meet or exceed SCAQMD rule 1146.2 for California Emission Requirements.

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

Technical Support 800.432.8373
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INTEGRATED AIR & WATER

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Printed in U.S.A. 02/14 WP 101-66-10 Rev. 9