

Product Brochure
Water Heaters | Tankless Gas



The new degree of comfort.™

WELC^oME

TO CONTINUOUS HOT WATER



Indoor and Outdoor Tankless Gas Water Heaters



Water | Residential Gas | Tankless Water Heaters

Rheem.com



The new degree of comfort.™

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 (GAMA) Listed
- 12-Year Limited Heat Exchanger Warranty*
 - Residential (5-Year Commercial with Upgrade*)
- 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
- 10ft Power Cord

Outdoor models feature:

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

* See Residential and Commercial Warranty Guide for additional information.

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-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

Estimated Annual Energy Costs

The Average Estimated Annual Operating Costs are based on the EF (Energy Factor) as determined by D.O.E (Department of Energy) test procedures. D.O.E national average rates calculated for natural gas at \$1.218/therm: LP \$1.87/gallon.

Operating costs will vary by location and system usage.

MODEL SERIES FUEL TYPE	D.O.E. EST. ANN. OP. COST	
	(N) Natural	(P) Propane
RTGH-95DVL	\$194	\$326
RTGH-95XL	\$194	\$326
RTGH-84DVL	\$194	\$326
RTGH-84XL	\$194	\$326
RTG-95DVL	\$223	\$374
RTG-95XL	\$223	\$374
RTG-84DVL	\$223	\$374
RTG-84XL	\$223	\$374
RTG-64DVL	\$223	\$374
RTG-64XL	\$223	\$374

Commercial Upgrade Kits

Upgrade a standard unit from basic residential use to commercial operation with this easy to install kit. These kits enable the system to operate at temperatures up to 185°F and upgrades the warranty to five years for commercial installations.

MODEL SERIES FUEL TYPE	Kit Part Number	
	(N) Natural	(P) Propane
RTGH-95DVL	RTG20240A	RTG20240B
RTGH-95XL	RTG20240C	RTG20240D
RTGH-84DVL	RTG20241A	RTG20241B
RTGH-84XL	RTG20241C	RTG20241D
RTG-95DVL	RTG20236A	RTG20236B
RTG-95XL	RTG20236C	RTG20236D
RTG-84DVL	RTG20237A	RTG20237B
RTG-84XL	RTG20237C	RTG20237D

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.

Service Valves

Webstone Brand Tankless Service Valves

- **RTG20220AB** - Clean Brass for California Low Lead Code
- **RTG20220** - Standard Brass

Includes Cold and Hot Water set and Pressure Relief Valve.



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 Tankless

MODEL NUMBER HEATER TYPE BTU/H INPUT: MIN/MAX 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 8.4 @ 45° Rise	85°F to 185°F with Commercial Upgrade Kit			



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 8.4 @ 45° Rise	85°F to 185°F with Commercial Upgrade Kit			



RTGH-84DVLN - Indoor - Direct Vent

11,000 - 157,000 Btu/h 94% / 0.94 (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 6.6 @ 45° Rise	85°F to 185°F with Commercial Upgrade Kit			



RTGH-84XLN - Outdoor

11,000 - 157,000 Btu/h 94% / 0.94 Nat (0.92 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 6.6 @ 45° Rise	85°F to 185°F with Commercial Upgrade Kit			



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.

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



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 7 1/4" dia.

- SP20245 - for 3" PVC Venting



Horizontal Vent Termination

Low profile design for two-pipe direct vent, fits PVC or CPVC venting. Installed dimensions: 11 3/4" x 8" x 2 1/2"

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

Mid-Efficiency Tankless

MODEL NUMBER HEATER TYPE BTU/H INPUT: MIN/MAX 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 82% / 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 82% / 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 82% / 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 82% / 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 82% / 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 82% / 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, Ultra-Low NOx SCAQMD Rule 1146.2 (LN) or Propane (LP). When ordering an Ultra-Low NOx model replace the N with a LN at the end of the model number. When ordering for Propane replace the N with a P at the end of the model number. All models meet SCAQMD rule 1146.2.

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.



The new degree of comfort™



Residential Gas
Tankless Water Heaters

Commercial and Multi-Unit Systems

Combine multiple units, up to 20, for the most demanding applications. Upgrade standard units for commercial operation with temperatures up to 185°F and a 5-year commercial warranty.



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

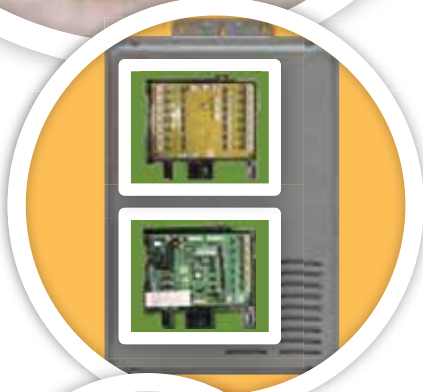
Add on card for the MIC-185 to connect up to 20 units in total.

- 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.

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 for California Emission Requirements.

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

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