



RUUD TANKLESS WATER HEATERS OFFER AN ENERGY EFFICIENT AND RELIABLE WAY TO PROVIDE HOT WATER FOR HOMES AND BUSINESSES.

All Ruud 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
- 10ft Power Cord

Outdoor models feature:

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

\* See Warranty Guide for coverage details.



### 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.

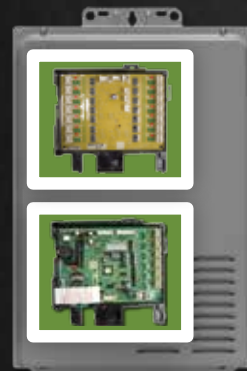


#### MANIFOLD CONTROL CABLES (TYPE Q)

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.



LEED Points = 2

All Ruud 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 Ruud Tankless Water Heaters meet or exceed SCAQMD rule 1146 for California Emission Requirements.

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

TECHNICAL SUPPORT 800.432.8373  
CUSTOMER SERVICE 800.621.5622

RUUD WATER HEATING • 101 BELL ROAD  
MONTGOMERY, ALABAMA 36117-4305 • WWW.RUUD.COM

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PRODUCT BROCHURE  
WATER HEATER | TANKLESS GAS

CONTINUOUS  
**HOT WATER**  
YOU CAN COUNT ON



Indoor and Outdoor Tankless Gas Water Heaters



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## 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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### RUTGH-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) 4.9 @ 77° Rise 8.4 @ 45° Rise	85°F to 140°F (120°F default) 85°F to 185°F with Commercial Upgrade Kit	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
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### RUTGH-95XLN - Outdoor

11,000 - 199,900 Btu/h 94% / 0.94 (Nat or LP) ENERGY STAR® qualified	9.5 / 0.26 (0.40) 4.9 @ 77° Rise 8.4 @ 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)	27-1/2" 18-1/2" 9-3/4" 82 lbs
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### RUTGH-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) 3.9 @ 77° Rise 6.6 @ 45° Rise	85°F to 140°F (120°F default) 85°F to 185°F with Commercial Upgrade Kit	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
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### RUTGH-84XLN - Outdoor

11,000 - 157,000 Btu/h 92% / 0.92 (Nat or LP) ENERGY STAR® qualified	8.4 / 0.26 (0.40) 3.9 @ 77° Rise 6.6 @ 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)	27-1/2" 18-1/2" 9-3/4" 82 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

#### 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 RUTGH X Series Outdoor Condensing Models
- **RTG20218** - Fits RUTG 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 RUTGH Series Indoor or Outdoor Condensing Models
- **RTG20217DVG** - Fits RUTG DV Series Indoor Tankless Models
- **RTG20217XG** - Fits RUTG X Series Outdoor Tankless Models



## CONDENSING TERMINATION KITS

The PVC vent terminations allow for an aesthetic and easy installation of the 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



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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### RUTG-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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### RUTG-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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### RUTG-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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### RUTG-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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### RUTG-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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### RUTG-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, 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.

denotes number of bathrooms

## 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.

## TANKLESS WATER HEATER FLOW RATES

MODEL SERIES	Temperature Rise (F)								
	35°	45°	50°	60°	70°	77°	80°	90°	100°
<b>RUTGH-95</b>	9.5	8.4	7.6	6.3	5.4	4.9	4.7	4.2	3.8
<b>RUTGH-84</b>	8.4	6.6	6.0	5.0	4.3	3.9	3.7	3.3	3.0
<b>RUTG-95</b>	9.5	7.4	6.6	5.5	4.7	4.3	4.1	3.7	3.3
<b>RUTG-84</b>	8.4	6.7	6.1	5.1	4.3	3.9	3.8	3.4	3.0
<b>RUTG-64</b>	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 2013 D.O.E (Department of Energy) test procedures. D.O.E national average rates calculated for natural gas at \$1.09/therm; LP \$2.41/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
<b>RUTGH-95DVL</b>	\$174	\$421
<b>RUTGH-95XL</b>	\$174	\$721
<b>RUTGH-84DVL</b>	\$178	\$430
<b>RUTGH-84XL</b>	\$178	\$430
<b>RUTG-95DVL</b>	\$199	\$482
<b>RUTG-95XL</b>	\$199	\$482
<b>RUTG-84DVL</b>	\$199	\$482
<b>RUTG-84XL</b>	\$199	\$482
<b>RUTG-64DVL</b>	\$199	\$482
<b>RUTG-64XL</b>	\$199	\$482

## 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
<b>RUTGH-95DVL</b>	RTG20240A	RTG20240B
<b>RUTGH-95XL</b>	RTG20240C	RTG20240D
<b>RUTGH-84DVL</b>	RTG20241A	RTG20241B
<b>RUTGH-84XL</b>	RTG20241C	RTG20241D
<b>RUTG-95DVL</b>	RTG20236A	RTG20236B
<b>RUTG-95XL</b>	RTG20236C	RTG20236D
<b>RUTG-84DVL</b>	RTG20237A	RTG20237B
<b>RUTG-84XL</b>	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 RUTGH-95DVN, 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.



Actual appearance may vary.



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.