



MID-EFFICIENCY TANKLESS
WATER HEATER | RESIDENTIAL GAS

CONTINUOUS HOT WATER FROM RUUD TANKLESS

TANKLESS MID-EFFICIENCY

RUUD RUTG SERIES OF ULTRA LOW NOX
TANKLESS GAS WATER HEATERS

- 82% energy efficient with all copper heat exchanger
- Indoor direct vent and outdoor models
- For 3, 2 to 3 and 1 to 2 bathroom homes
- 12-Year Residential, 5-Year Commercial limited warranty on heat exchanger





RUUD MID-EFFICIENCY ULTRA LOW NOx TANKLESS

Get continuous hot water with the energy savings Ruud tankless mid-efficiency ultra low NOx indoor and outdoor models. Ruud uses sophisticated technology to create the most efficient whole home tankless water heating solution available. The popularity of luxury bathrooms and oversize tubs is growing, and so is the demand for large volumes of low-cost hot water. Ruud's mid-efficiency tankless design offers unparalleled convenience and low-cost operation.

82% EFFICIENT

- 82% energy efficient with all copper 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
- RUTG-95 for 3 bathroom homes* – 9.5 gal./min. at 35°F rise max., 8.4 gal./min. at 45°F rise
- RUTG-84 for 2-3 bathroom homes* – 8.4 gal./min. at 35°F rise max., 6.6 gal./min. at 45°F rise
- RUTG-64 for 1-2 bathroom homes* – 6.4 gal./min. at 35°F rise max., 5.6 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

HIGH ALTITUDE COMPLIANT

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

TECHNOLOGY

- 3"/5" concentric vent system with Integrated condensate collector
- Hot start programming helps minimize fluctuation in water temperature, referred to as "cold water sandwich", during periods of frequent on/off operation
- Connects to Metal Fab. Inc., 3"/5" concentric venting without an adapter
- 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 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



PLUS...

- 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™ Sizing Software – advanced online tool that takes the guess work out of sizing tankless applications – available at www.ruud.com/tankless

WARRANTY

- 12-Year Residential, 5-year Commercial on heat exchanger, 5-year on parts and 1-year on labor

See Warranty Certificate for complete information



HIGH TEMPERATURE APPLICATIONS

RUTG Tankless Series can be upgraded for high temperature commercial and hydronic use

- Temperature range is 85°F to 185°F

RUTG-95 UPGRADE KITS

RTG20236A for RUTG-95DVN
RTG20236B for RUTG-95DVP
RTG20236C for RUTG-95XN
RTG20236D for RUTG-95XP

RUTG-84 UPGRADE KITS

RTG20237A for RUTG-84DVN
RTG20237B for RUTG-84DVP
RTG20237C for RUTG-84XN
RTG20237D for RUTG-84XP

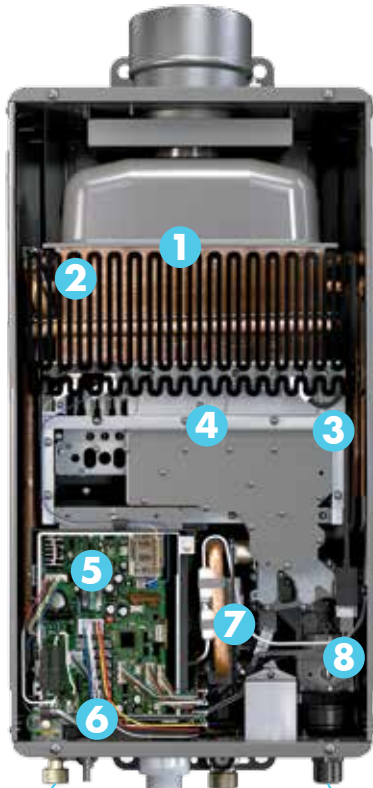
Note: These upgrade kits are not compatible with previous models. See the latest Tankless Parts Catalog for a complete listing.



LEED Points = 2

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

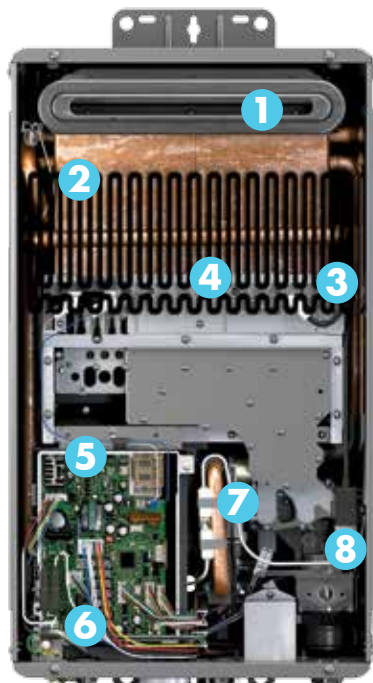
SUPERIOR CONSTRUCTION & RELIABILITY



3/4" Hot Water Outlet
External Connection for Remote Control Cable
3/4" Cold Water Inlet
3/4" Gas Connection

Indoor Direct Vent

- 1 All-Copper Heat Exchanger
- 2 Over Heat Film Wrap
- 3 Electronic Spark Ignition
- 4 150,000 - 199,900 Btu/h Modulating Burner
- 5 Electronic Control Board
- 6 Built-in Electric Blower
- 7 Water Flow Control System
- 8 Modulating Gas Valve



3/4" Hot Water Outlet
External Connection for Remote Control Cable
3/4" Cold Water Inlet
3/4" Gas Connection

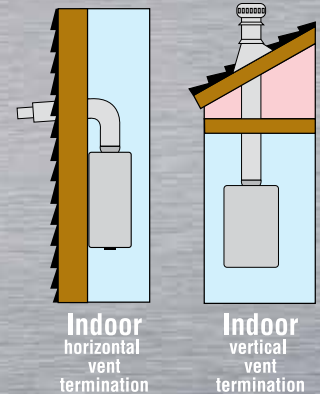
Outdoor

- 1 All-Copper Heat Exchanger
- 2 Over Heat Film Wrap
- 3 Electronic Spark Ignition
- 4 150,000 - 199,900 Btu/h Modulating Burner
- 5 Electronic Control Board
- 6 Built-in Electric Blower
- 7 Water Flow Control System
- 8 Modulating Gas Valve

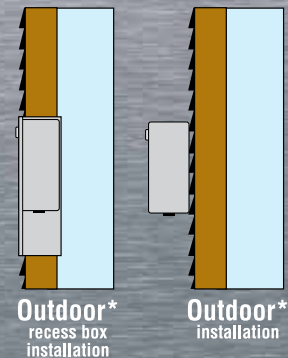
VENTING OPTIONS AND INSTALLATIONS



3"/5" Concentric Vent System



All indoor tankless units must be vented vertically or horizontally to the outdoors using manufacturer approved venting material. See the installation instructions for each specific model.



*Outdoor units do not require venting materials.

Venting details, including clearances and diagrams can be found in the "Use & Care Manual" of Ruud indoor tankless water heaters.

RUUD.COM
800.621.5622

RELY ON RUUD™



SPECIFICATIONS

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
RUTG-95 ULTRA LOW NO_x SERIES FOR 3 BATHROOM HOMES																	
RUTG-95DVLN	11,000-199,900	Indoor Direct Vent	85° to 140° F*	0.26/0.40	4.3	7.4	9.5	3/4	3/4	25-5/8	13-7/8	9-7/8	3 by 5 CONCENTRIC	54	.82	82%	\$223/374
RUTG-95XLN	11,000-199,900	Outdoor	85° to 140° F*	0.26/0.40	4.3	7.4	9.5	3/4	3/4	23-5/8	13-7/8	8-7/8	N/A	54	.82	82%	\$223/374
RUTG-84 ULTRA LOW NO_x SERIES FOR 2-3 BATHROOM HOMES																	
RUTG-84DVLN	11,000-180,000	Indoor Direct Vent	85° to 140° F	0.26/0.40	3.9	6.7	8.4	3/4	3/4	25-5/8	13-7/8	9-7/8	3 by 5 CONCENTRIC	54	.82	82%	\$223/374
RUTG-84XLN	11,000-180,000	Outdoor	85° to 140° F	0.26/0.40	3.9	6.7	8.4	3/4	3/4	23-5/8	13-7/8	8-7/8	N/A	54	.82	82%	\$223/374
RUTG-64 ULTRA LOW NO_x SERIES FOR 1-2 BATHROOM HOMES																	
RUTG-64DVLN	11,000 - 150,000	Indoor Direct Vent	85° to 140° F	0.26/0.40	3.3	5.6	6.4	3/4	3/4	25-5/8	13-7/8	9-7/8	3 by 5 CONCENTRIC	54	.82	82%	\$223/374
RUTG-64XLN	11,000 - 150,000	Outdoor	85° to 140° F	0.26/0.40	3.3	5.6	6.4	3/4	3/4	23-5/8	13-7/8	8-7/8	N/A	54	.82	82%	\$223/374

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.

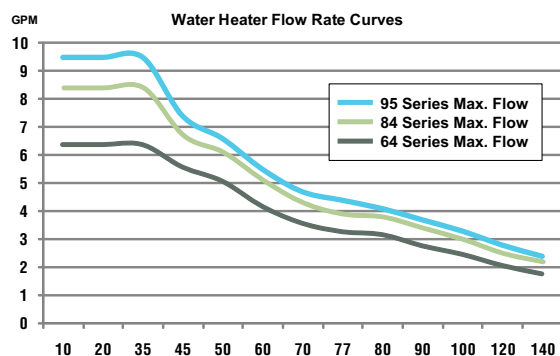
- SCQAMD rule 1146.2 compliant.
- Factory set maximum temperature is 120° F. See Use and Care Manual for setting.
- Consult factory for information on sizing the application.

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 RUTG-95 models, up to 180,000 Btu/h for RUTG-84 models and up to 150,000 Btu/h for RUTG-64 models. (Consult your gas supplier)

Model Number	Temperature Rise (° F)									
	35°	45°	50°	60°	70°	77°	80°	90°	100°	
RUTG-95 Water Flow (GPM)	9.5	7.4	6.6	5.5	4.7	4.3	4.1	3.7	3.3	
RUTG-84 Water Flow (GPM)	8.4	6.7	6.1	5.1	4.3	3.9	3.8	3.4	3.0	
RUTG-64 Water Flow (GPM)	6.4	5.6	5.1	4.2	3.6	3.3	3.2	2.8	2.5	

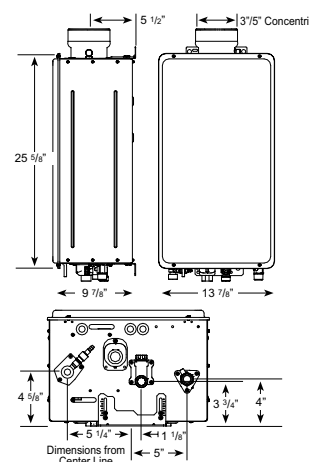
Above estimates are for sizing purposes only.



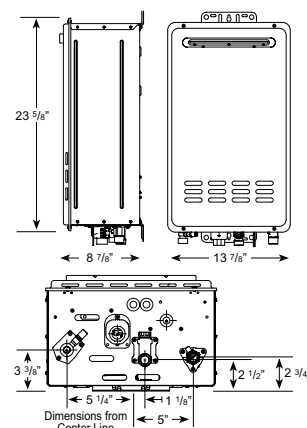
Maximum Vent Length (intake/outlet):

Number of 90° Elbows	Maximum Length of Straight Pipe
1	39.0 ft. (12.0 m)
2	37.5 ft. (11.5 m)
3	36 ft. (11 m)
4	34.5 ft. (10.5 m)
5	33.0 ft. (10.0 m)
6	31.5 ft. (9.5 m)

INDOOR DIRECT VENT



OUTDOOR



Parts and Accessories

Venting & terminations, 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.

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