



INSTANT HOT WATER

BUILT-IN RECIRCULATION BENEFITS:

- Instant Hot Water at the Tap¹
- Programmable timer based activation
- Auto-Learn Programming keeps up with your needs
- Save Time on Install with Built-in Pump
- Reduces Water Waste

TANKLESS FEATURES:

- .94 UEF Rating
- Dual Stainless Steel Heat Exchangers
- 1/2" Gas Line Compatible
- Vents with PVC up to 100' (3") and 50' (2")
- Ultra Low NO_x Burner meets SCAQMD rule 1146.2
- High Altitude – Certified up to 10,000 ft. above sea level²

Key Features

- **Common Vent Two Units**
Fewer wall penetrations, easier to install and more flexible options
- **Compatible with Room Air Intake**
More install options and faster to install (single units only, not common vented)
- **Max GPM of 11** (on 199K BTU models)
- **Warranty**
 - **12-Year** heat exchanger – Residential
 - **5-Year** heat exchanger – Commercial
 - **5-Year** parts including **Built-in Recirculation Pump**
 - **1-Year** labor

¹ Individual results may vary.

² Natural Gas models only



RUUD® ULTRA CONDENSING TANKLESS GAS WATER HEATERS WITH BUILT-IN RECIRCULATION

RUTGH-RH11DVLN

18,000-199,000 BTU/h

RUTGH-RH10DVLN

18,000-180,000 BTU/h

Natural and LP Gas

Indoor Models only (outdoor conversion covers coming soon)

Recirculation Pump Specifications:

- Timer-based recirculation pump with option for on-demand accessory wall switch
- Max. Pipe Lengths:
 - **3/4" copper pipe – 500 ft. total**
 - **1/2" copper pipe – 200 ft. total**

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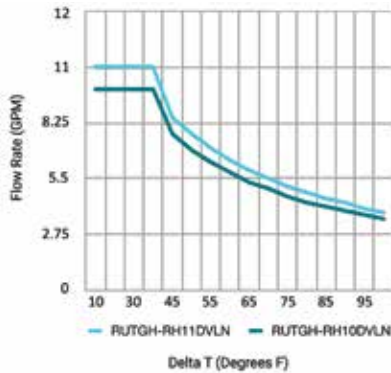


SPECIFICATIONS

DESCRIPTION				FEATURES					ROUGHING IN DIMENSIONS (SHOWN IN INCHES)					ENERGY INFO.		
MODEL NUMBER	GAS INPUT BTU/H	TYPE	NUMBER OF BATHROOMS*	TEMP. RANGE	MIN. FLOW/ACTIVATION GPM	GPM @ 77° RISE MAX.	GPM @ 45° RISE MAX.	MAX. GPM	CONNECTION WATER	CONNECTION GAS	HEIGHT	WIDTH	DEPTH	VENT DIAM.	SHIP WEIGHT (LBS.)	UNIFORM ENERGY FACTOR (UEF)
RUTGHRH11DVLN	18,000-199,000	Indoor DV w/ Recirc Pump	4	100° to 140° F	0.50/0.50	5.0	8.5	11.0	3/4	3/4	28.7	17.3	14.8	2" or 3" PVC 2-Pipe	85	0.94
RUTGHRH10DVLN	18,000-180,000	Indoor DV w/ Recirc Pump	3-4	100° to 140° F	0.50/0.50	4.5	7.7	9.9	3/4	3/4	28.7	17.3	14.8	2" or 3" PVC 2-Pipe	85	0.94

All models are available in Natural Gas and Propane (LP). For Propane replace the N with P when ordering.
*Based on simultaneous showers using 2.5 gallons per minute. Flow rates vary depending on temperature of cold water supply.

WATER HEATER FLOW RATE CURVES

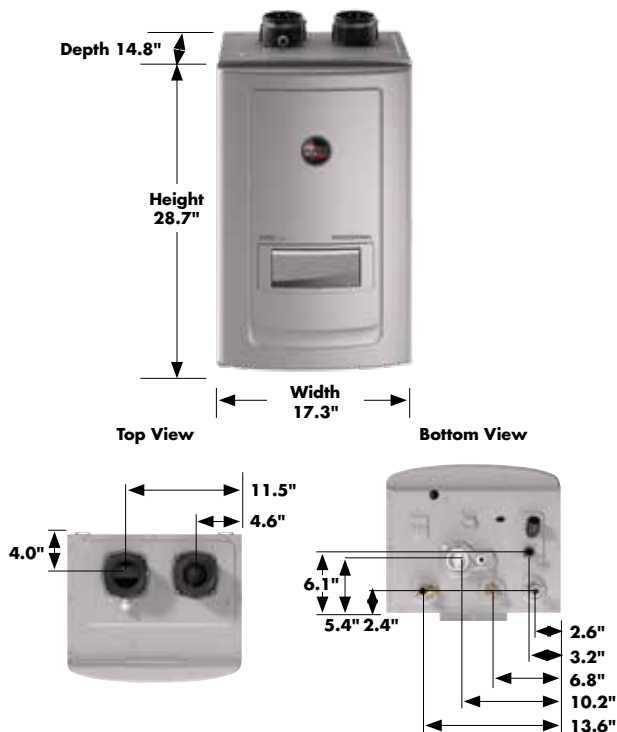


Model Number	Temperature Rise (° F)							
	35°	45°	50°	60°	70°	80°	90°	100°
RUTGHRH11DVLN Water Flow (GPM)	11.0	8.5	7.7	6.4	5.5	4.8	4.3	3.8
RUTGHRH10DVLN Water Flow (GPM)	9.9	7.7	6.9	5.8	5.0	4.3	3.9	3.5

Above estimates are for sizing purposes only.

Models Rated at:	Model #	Inlet Temperature 37-47°		Inlet Temperature 47-57°		Inlet Temperature 57-62°		Inlet Temperature 62-77°	
		Maximum GPM	Approx. Usage	Maximum GPM	Approx. Usage	Maximum GPM	Approx. Usage	Maximum GPM	Approx. Usage
199,900 BTU/h	RUTGHRH11DVL	4.8	☺☺☺	5.5	☺☺☺☺	6.4	☺☺☺☺☺	7.7	☺☺☺☺☺☺
180,000 BTU/h	RUTGHRH10DVL	4.3	☺☺☺	5.0	☺☺☺☺	5.8	☺☺☺☺☺	6.9	☺☺☺☺☺☺☺

DIMENSIONS



ACCESSORIES



Quick Connect Cable – For 2 unit manifolding
SP20892 (optional)



Crossover Valve – Converts cold water line into recirculation return
RTG20285



Service Valves – To isolate unit for easy flushing and maintenance
SP20220 (required)



Condensate Neutralizer – For safe disposal of condensate (check your local plumbing codes)
SP12151 (optional)



On-Demand Activation Accessory – Converts timer based pump to on-demand activation, with included wall switch
SP20941 (optional)

Pump kits and activation accessories can be ordered through Ruud Parts. For more information call 800-621-5622.

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

Ruud Water Heating • 1115 Northmeadow Parkway, Suite 100
Roswell, Georgia 30076 • 1.800.621.5622

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