

53 TANKLESS SERIES

Endless hot water for 1-2 bathroom homes

RUTG-53DV indoor direct vent and RUTG-53PV indoor natural and LP models – 20,000 - 145,000 BTU max. *

6.8 gal./min at 35° F rise max., 5.3 gal./min. at 45° F rise

RUTG-53X outdoor natural and LP models – 19,000 - 141,000 BTU max. *

6.8 gal./min at 35° F rise max., 5.3 gal./min. at 45° F rise

Limited Warranty:

12-Year on heat exchanger, 5-Year on parts, 1-Year on labor

See Residential Warranty Information Brochure for complete warranty information.

- UMC-117 remote control is included and can be set from the out-of-the-box 120 degrees – up to a 140 degree maximum (additional remote control thermostats are available – sold separately)
- EZ-Link™ cable available for high demand applications to connect two tankless units to operate as one
- **Exclusive!** Guardian SBT™ sensing burner technology
- **Exclusive!** Guardian OFW™ overheat film wrap
- **Exclusive!** Two high-altitude options – up to 6,560 or 9,840 ft. ** elevations above sea level (altitude chip required – sold separately)
- **Exclusive!** All Ruud models can be linked in up to 20 unit manifold installations by using the optional MIC-180 and MICS-180 manifold control assembly
- All Ruud tankless models are third-party efficiency certified by GAMA
- Continuous hot water, energy saving and compact, space saving design
- Indoor units use Category III stainless steel vents and vent horizontally or vertically
- Indoor models supplied with a 120 volt power cord
- Environmentally friendly Low NOx burner meets SCAQMD rule 1146 requirements
- Installation vent kits available – sold separately
- Indoor and outdoor models feature freeze protection to -20°F

* BTU varies by model and field type. See specifications for details.

** Not available on all models.



Tankless water heaters
Endless hot water



Rely on Ruud™

See reverse for specifications.

53 TANKLESS SERIES

Specifications

DESCRIPTION			FEATURES				ROUGHING IN DIMENSIONS (SHOWN IN INCHES)						ENERGY INFO.		
MODEL NUMBER	GAS INPUT BTU/HR.	TYPE	TEMP. RANGE	WATER FLOW RATE			CONNECTION		HEIGHT	WIDTH	DEPTH	VENT DIAMETER (INCHES)	SHIP WEIGHT (LBS.)	ENERGY FACTOR	D.O.E. ANN. OP. COST NAT/LP
				GPM @ 77° RISE MAX.	GPM @ 45° RISE MAX.	GPM @ 35° RISE MAX.	WATER	GAS							
RHEEM TANKLESS WATER HEATERS FOR 1-2 BATHROOM HOMES															
RUTG-53DVN	20,000 - 141,000	Indoor Direct Vent	100° to 140° F	3.0	5.3	6.8	3/4	3/4	23	13-3/4	7-1/4	3 by 5 CONCENTRIC	39	.82	\$223/\$374
RUTG-53XN	19,000 - 141,000	Outdoor	100° to 140° F	3.0	5.3	6.8	3/4	3/4	20-1/2	13-3/4	6-1/4	N/A	36	.82	\$223/\$374
RUTG-53PVN	21,500 - 145,000	Indoor	100° to 140° F	3.1	5.3	6.8	3/4	3/4	20-1/2	13-3/4	6-1/4	3	36	.82	\$223/\$374

All models are available in Natural Gas and Propane (LP).

For Propane replace the N with P when ordering.

* 135,000 for Propane model.

- Factory set maximum temperature is 120° F. See Use and Care Manual for setting.
- For installations above 3,280 feet, a high altitude chip is required. Refer to Ruud price list or consult factory for details.
- Consult factory for information on sizing the application.

Installation Vent Kits available separately: 3" diameter for RUTG-53PV models.

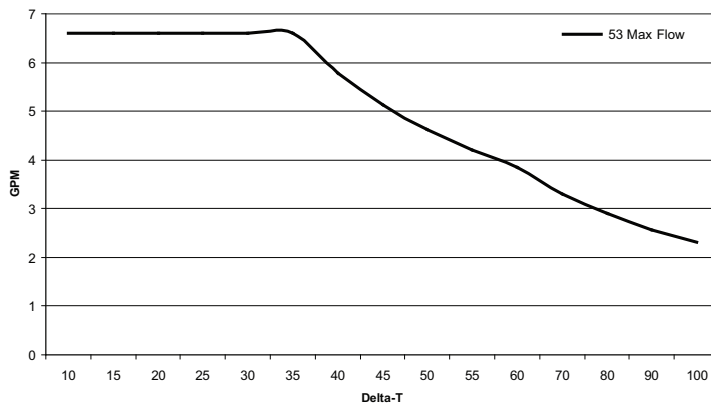
Vent Termination Kits are required for Direct Vent models. Contact your distributor for details.

Proper gas pressure must be ensured to supply tankless gas water heaters – up to 145,000 BTU for RUTG-53 models. (Consult your gas supplier)

Model Number	Temperature Rise (°F)								
	35°	45°	50°	60°	70°	77°	80°	90°	100°
RUTG-53 Water Flow (GPM)	6.8	5.3	4.7	3.9	3.4	3.1	3.0	2.6	2.4

Above estimates are for sizing purposes only.

Water Heater Flow Rate Curves



These units are designed to meet or exceed ANSI (American National Standards Institute) requirements and have been tested according to D.O.E. test procedures and meet or exceed the energy efficiency requirements of NAECA, ASHRAE standard 90, ICC Code and all state energy efficiency performance criteria for energy consuming appliances.

Before purchasing this appliance, read important energy cost and efficiency information available from your supplier.

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

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Ruud manufactures residential and commercial heating & cooling and water heating products.

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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.



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