



Ruud® RUTG Series High Efficiency Non-Condensing Tankless Gas Water Heaters

Easy Installation

- **Industry Leading!** 43' vent run capability

Ready for Retrofits

- **Industry Best!** 1/2" side to side clearance allows you to safely work in spaces the competition can't
- 1/2" Gas line compatibility up to 24 ft (subject to local code)
- Universal Venting Compatibility with Metal Fab, ProTech® and UBBINK standard concentric venting for easier tankless to tankless replacements

Key Features

- **Ruud® Exclusive!** Hot-start Programming™ ensures the unit is in a ready state between back-to-back usage, minimizing any cold water bursts
- Built-in EcoNet® Wi-Fi technology for direct control from your device (on select models)
- LeakGuard® – All-inclusive leak detection and prevention system that detects any leak that comes from the unit (on indoor Wi-Fi models)
- Available built-in recirculation models (RUTG-R) for no-wait hot water at the tap and up to 12,000 gallons of water savings¹



RUTG/RUTG-R Series Models

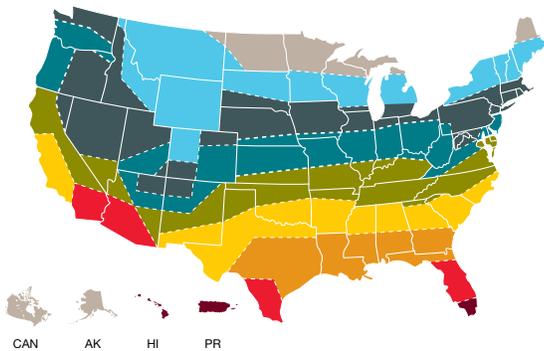
Indoor & Outdoor Models
11,000-199,900 BTU/h
Natural Gas and
Liquid Propane Models*

*Swap P for N in model number for Liquid Propane model



¹Based on comparison of a Ruud RUTG/RUTG-R Series model against a standard residential 50-gallon tank type model with like fuel type.

U.S. Ground Water Temperature Zone Map



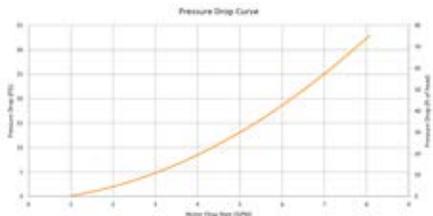
Average Flow Rates (GPM) by Application

| | |
|-----------------|-----|
| Low Flow Faucet | 0.5 |
| Bathroom Faucet | 1 |
| Kitchen Faucet | 1.5 |
| Shower | 2 |
| Dishwasher | 2 |
| Washing Machine | 3 |

Flow rates may vary.



These products meet a stringent set of our internally defined sustainability standards.



Flow Rate Capacity Table by Zone (Gallons Per Minute - GPM)

Use the U.S. Ground Water Temperature Map to locate your zone. Then use the Flow Rate Capacity Table to determine model flow rate by zone. Flow rates calculated for tankless set temperature of 120°F with a mixed shower temperature of 105°F. Ground water temperatures vary seasonally.

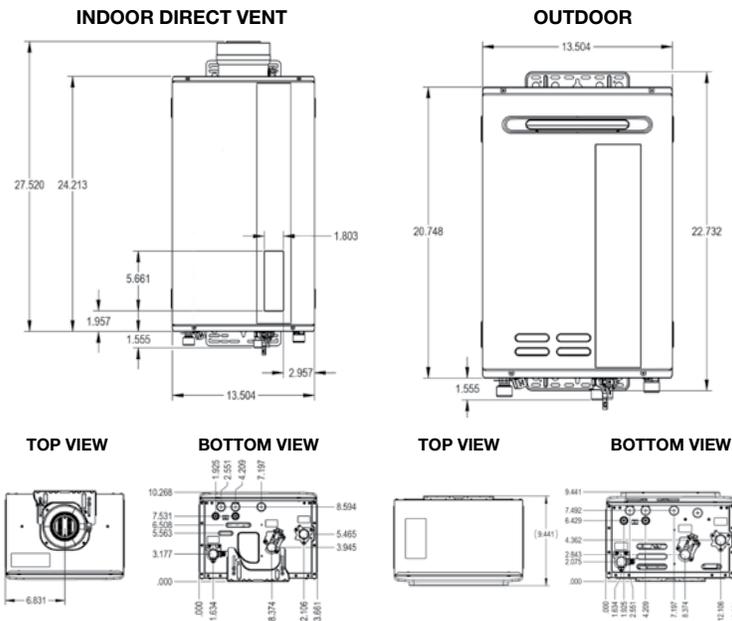
| MODEL # | Zone 1 37°F | Zone 2 42°F | Zone 3 47°F | Zone 4 52°F | Zone 5 57°F | Zone 6 62°F | Zone 7 67°F | Zone 8 72°F | Zone 9 77°F |
|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| RUTG-95/RUTG-R95 | 4.0 | 4.3 | 4.6 | 4.9 | 5.3 | 5.7 | 6.3 | 6.9 | 7.7 |
| RUTG-84 | 3.6 | 3.8 | 4.1 | 4.4 | 4.8 | 5.2 | 5.7 | 6.3 | 7.0 |
| RUTG-70/RUTG-R70 | 3.2 | 3.4 | 3.7 | 3.9 | 4.2 | 4.6 | 5.0 | 5.6 | 6.2 |

Ruud® RUTG/RUTG-R Series Tankless Specifications

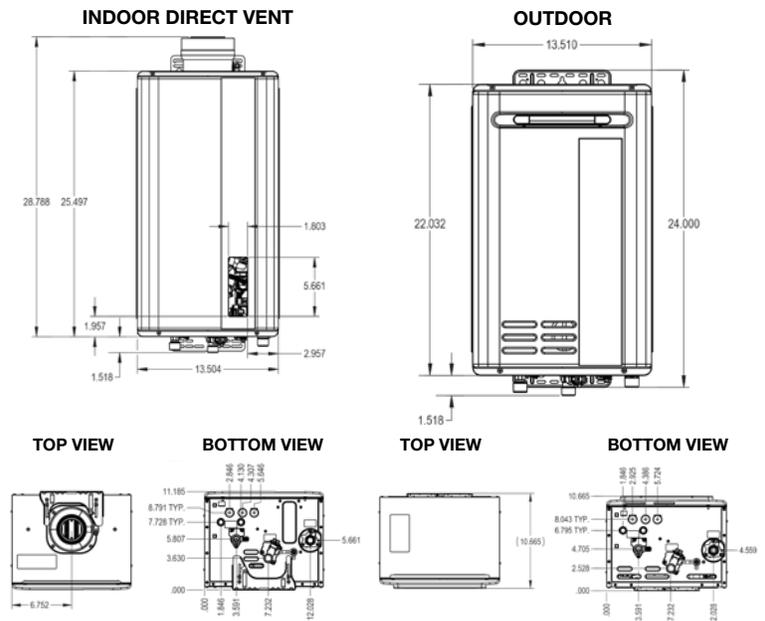
| Installation Type | | Indoor | | | | | | Outdoor | | | | | |
|--------------------------------|------------|---------------------------------------------------------------|----------------|----------------|-----------------|------------------|------------------|-----------------|---------------|---------------|----------------|-----------------|-----------------|
| Model Number | | RUTG-70 DVLN-3 | RUTG-84 DVLN-3 | RUTG-95 DVLN-3 | RUTG-95 DVELN-3 | RUTG-R70 DVELN-3 | RUTG-R95 DVELN-3 | RUTG-70 XLN-3 | RUTG-84 XLN-3 | RUTG-95 XLN-3 | RUTG-95 XELN-3 | RUTG-R70 XELN-3 | RUTG-R95 XELN-3 |
| Gas Input Rate | MAX | 160,000 BTU/h | 180,000 BTU/h | 199,900 BTU/h | 199,900 BTU/h | 160,000 BTU/h | 199,900 BTU/h | 160,000 BTU/h | 180,000 BTU/h | 199,900 BTU/h | 199,900 BTU/h | 160,000 BTU/h | 199,900 BTU/h |
| | MIN | 11,000 BTU/h | 11,000 BTU/h | 11,000 BTU/h | 11,000 BTU/h | 11,000 BTU/h | 11,000 BTU/h | 11,000 BTU/h | 11,000 BTU/h | 11,000 BTU/h | 11,000 BTU/h | 11,000 BTU/h | 11,000 BTU/h |
| Built-in Recirculation | | Sold Separately | | | | ✓ | ✓ | Sold Separately | | | | ✓ | ✓ |
| Wi-Fi | | | | | ✓ | ✓ | ✓ | | | | ✓ | ✓ | ✓ |
| Built-in LeakGuard™ | | | | | | ✓ | ✓ | | | | | | |
| Uniform Energy Factor (UEF) | | 0.82 | | | | | | | | | | | |
| Gallons Per Minute (GPM) | MAX (35°F) | 7.0 | 8.4 | 9.5 | 9.5 | 7.0 | 9.5 | 7.0 | 8.4 | 9.5 | 9.5 | 7.0 | 9.5 |
| | 45°F Rise | 6.0 | 6.7 | 7.4 | 7.4 | 6.0 | 7.4 | 6.0 | 6.7 | 7.4 | 7.4 | 6.0 | 7.4 |
| | 67°F Rise | 4.5 | 5.1 | 5.0 | 5.0 | 4.5 | 5.0 | 4.5 | 5.1 | 5.0 | 5.0 | 4.5 | 5.0 |
| Number of Bathrooms | | 2.5 | 3 | 3.5 | 3.5 | 2.5 | 3.5 | 2.5 | 3 | 3.5 | 3.5 | 2.5 | 3.5 |
| Temp. Range | | 100°F-140°F | | | | | | | | | | | |
| Height | | 24.2" | | | | 25.5" | | 20.75" | | | | 22.03" | |
| Width | | 13.5" | | | | 13.5" | | 13.5" | | | | 13.5" | |
| Depth | | 10.27" | | | | 11.2" | | 9.4" | | | | 10.7" | |
| Weight (Lbs.) | | 46.5 | | | | 53 | | 42 | | | | 47 | |
| Temp. Setting from Factory | | 120°F | | | | | | | | | | | |
| Heat Exchanger Material | | Copper | | | | | | | | | | | |
| Minimum Activation Flow | | 0.4 GPM | | | | | | | | | | | |
| Minimum Continuous Flow | | 0.26 GPM | | | | | | | | | | | |
| Manifold Controls (max. units) | | 6 Units ² | | | | | | | | | | | |
| Maximum Altitude | | 7,800 ft. | | | | | | 10,200 ft. | | | | | |
| Ultra Low NOx | | Meets 14 ng/J NOx requirements – SCAQMD Rule 1146.2 compliant | | | | | | | | | | | |
| Warranty | | 15-Year Heat Exchanger 5-Year Parts 1-Year Labor | | | | | | | | | | | |

All models are available in Natural Gas or Propane (LP). For Propane replace the N with P for LP model. ² Manifolds with standard RJ11 communication cables.

Ruud® RUTG Series



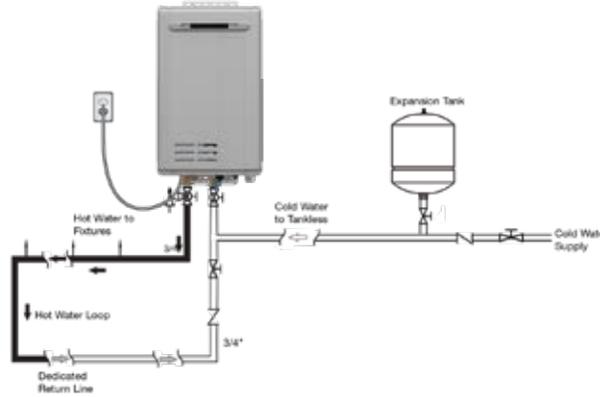
Ruud® RUTG-R Series with Recirculation



| Clearances | |
|-----------------------|-------------------|
| Top / Bottom | 12" |
| Front | 1/2" ⁵ |
| Sides | 1/2" |
| Back / From Vent Pipe | 0" |

Ease of Installation

Dedicated Return Line or Crossover Valve



Venting

| Single Unit Max. Equivalent Vent Lengths - Straight Pipe | |
|----------------------------------------------------------|----------------------------------|
| Number of 90° Elbows | Max Length 3" / 5" straight pipe |
| 0 | 43 ft. (13.1 m) |
| 1 | 41.5 ft. (12.6 m) |
| 2 | 38.5 ft. (12.2 m) |
| 3 | 34 ft. (11.7 m) |
| 4 | 28 ft. (11.3 m) |
| 5 | 20.5 ft. (10.8 m) |
| 6 | 11.5 ft. (10.4 m) |

| Equivalent Ft. of Elbows | |
|--------------------------|---------|
| | 3"/5" |
| 90° Elbow | 1.6 ft. |
| 45° Elbow | 9 in. |

| Min. Vent Length Straight Pipe | |
|--------------------------------|------------------------|
| Number of 90° Elbows | Min. Length 3"/5" pipe |
| 1 | 1.0 ft (0.3 m) |

Venting Materials Allowed: 3-in./5-in. (7.6-cm/12.7-cm) UL-approved Category III Stainless Steel vent materials or water heater manufacturer-approved vent material (Metal Fab, ProTech® and UBBINK)

Hanging bracket is included with water heater.

Parts & Accessories

| Recirculation Pump | Pipe Cover Recirculating Model | Pipe Cover | ProTech Concentric Vent Horizontal Termination Kit (5 in. Wall Thickness) | ProTech Concentric Vent Vertical Termination Kit | AllClear® Water Treatment System | Isolation Valve Kit | Manifold Cables |
|--------------------|--------------------------------|------------|---------------------------------------------------------------------------|--------------------------------------------------|----------------------------------|---------------------|----------------------------------|
| AP17920 | RTG20367 | RTG20330AJ | RTG20281-1 | RTG20282 | RTG20251 | RTG20326 | RCPN-AMP03-0013111101-0003 (48") |
| | | | | | | | |

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