

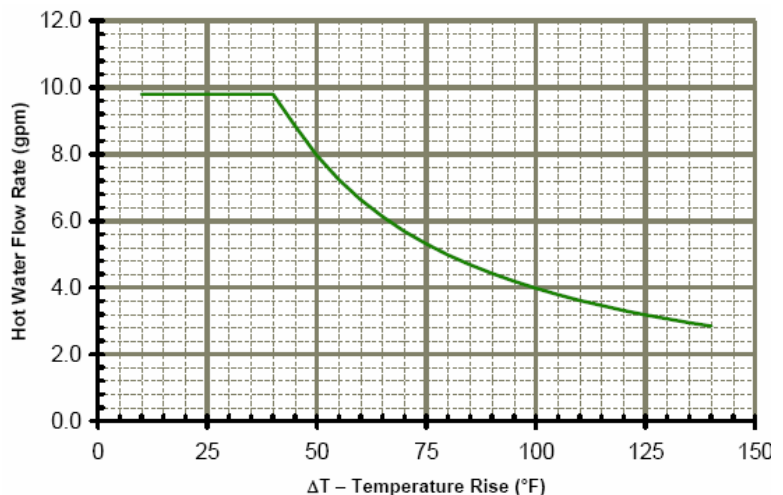


This model has been built in accordance with the requirements of the ASME Boiler and Pressure Vessel Code and has received the Certificate of Authorization from the National Board. The heat exchanger has the NB and the HLW stamps.

Type of Appliance	Temperature controlled, continuous flow, gas hot water system
Rinnai model number	REU-V3237FFUC-ASME
Operation	With or without remote controls mounted in kitchen, bathroom, etc.
Exhaust system	Direct vent, forced combustion
Minimum/Maximum Gas Rate (Input)	19,000 - 237,000 BTU/h (Natural Gas or Propane)
Electrical	Appliance: AC 120 Volts - 60 Hz Remote Control: DC 12 Volts
Electrical Consumption	Normal 99 watts Standby 2 watts Anti-frost protection 116 watts
Ignition System	Direct electronic ignition
Hot Water Capacity	0.6 to 8.0 GPM (50° F rise) 0.9 to 9.8 GPM (35° F rise)
Temperature	98° - 185° F
Temperature (without remote)	140° F (factory default)
Approved Gas Types	Natural or Propane (ensure unit matches gas type)
Installation	Indoor only
Thermal Efficiency	Natural Gas: 84% Propane: 85%
Service Connections	Gas supply: 3/4 inch MNPT Cold water inlet: 3/4 inch MNPT Hot water outlet: 3/4 inch MNPT
Water Flow Control	Water flow sensor, electronic water control and by-pass control
Minimum/Maximum Water Supply Pressure	15 - 150 PSI (50 PSI or above is recommended for maximum flow)

FLOW TABLE

Water Flow Capacity Curve



Water Temperature Control

Remote Controls

Remote Control Cable

Safety Devices

Clearances from combustibles (suitable for closet, attic, and crawl space installations)

Clearances from non-combustibles

Min. / Max. Gas Supply Pressure

Manifold Gas Pressure (inches W.C.)

NOx

Warranty

Simulation feed forward and feedback

MC-91-1US (included)

Deluxe controller: MC-100V-1US (optional)

Bathroom controller: BC-100V-1US (optional)

Wireless controller (with transceiver): MC-502RC-1US-MS (optional)

Non-polarized two-core cable, minimum 24 gauge

- Flame failure - Flame Rod
- Boiling protection
- Combustion fan rpm check
- Over current - glass fuse (3 amp)
- Remaining flame (OHS)
- Thermal fuse
- Automatic frost protection

- Top of heater - 12 inches
- Front of heater - 24 inches
- Sides of heater - 2 inches
- Back of heater - 0 inches
- Bottom of heater - 12 inches
- From vent pipe - 0 inches

- Top of heater - 2 inches
- Front of heater - 24 inches
- Sides of heater - 1/2 inches
- Back of heater - 0 inches
- Bottom of heater - 2 inches
- From vent pipe - 0 inches

Natural Gas: min 6" W.C. max 10.5" W.C.

Propane Gas: min 10" W.C. max 13.5" W.C.

Natural Gas: high fire 3.0" W.C. low fire 0.67" W.C.

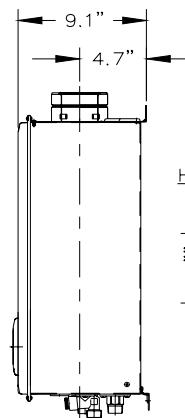
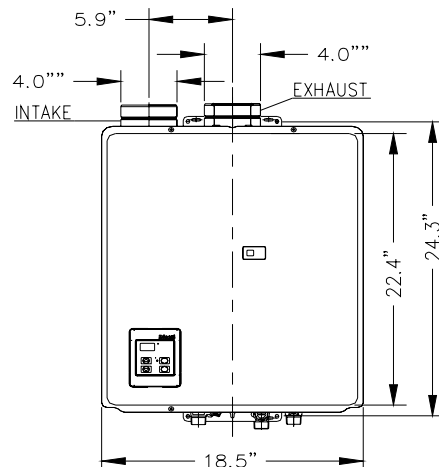
Propane Gas: high fire 3.7" W.C. low fire 0.83" W.C.

Meets California and Texas NOx Emission Rules

Commercial only; heat exchanger 5 years*; all other parts 5 years*; labor 1 year; (* 3 years if used as a circulating water heater within a circulation loop, where the water heater is in series with a circulation system and all circulating water flows through the water heater, and where on-demand recirculation is not incorporated)

Rinnai is continually updating and improving products; therefore, specifications are subject to change without prior notice. Local, state, provincial and federal codes must be adhered to prior to installation.

DIMENSIONS



WEIGHT: 55 LBS

