Type of Appliance: Condensing, Tankless, Temperature controlled, continuous flow, gas hot water system, Energy Star Qualified

Rinnai model number: REU-KB3237WD-US

Operation / Installation: Forced combustion; outdoor only; Certified for installation in Manufactured (Mobile) Homes

Minimum/Maximum Gas Rate (Input): 15,200 - 199,000 BTU/h (4.5-58.3 kWh)

Electrical: Appliance: AC 120 Volts - 60 Hz
Temperature Controller: DC 12 Volts

Electrical Consumption: Normal: 71 w, Standby: 2 w, Anti-frost protection: 168 w

Amperage: Max with pump: 8A, Max without pump: 4A, Fuse: 10A

Ignition System: Direct electronic ignition

Hot Water Capacity: Minimum flow rate: 0.26 GPM (1 l/min)
Minimum activation flow rate: 0.4 GPM (1.5 l/min)
Maximum flow rate: 9.8 GPM (37.1 l/min)

Temperature: 98° - 120° F (37° - 49°C) (factory default) Maximum temperature is selectable at 120° F (49°C) or at 140° F (60°C); 98° - 185° F (37° - 49°C) available with the MCC-91-2 controller for commercial and hydronic applications

Temperature (without remote): 120° F (49°C) (factory default) or 140° F (60°C)

Approved Gas Types: Natural or Propane (ensure unit matches gas type)

Uniform Energy Factor (UEF): 0.92

Service Connections: Gas supply: 3/4 inch (19mm) MNPT
Cold water inlet: 3/4 inch (19mm) MNPT
Hot water outlet: 3/4 inch (19mm) MNPT

Isolation & Pressure Relief Valves Included: Isolation Valves are certified to NSF/ANSI 61 for potable water

Water Flow Control: Water flow sensor, electronic water control and by-pass control

Minimum/Maximum Water Supply Pressure: 50 - 150 PSI (345-1035 KPa) (recommended 60 - 80 PSI (414 - 552 KPa) for optimal performance)

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.
**Heat exchanger:**
12 years* for residential, 10 years for residential and space heating, and 5 years* for commercial; All other parts: 5 years*; Labor: 1 year;
(* 3 years if used as a circulating water heater within a circulation loop, when the water heater is in series with a circulation system and all circulating water flows through the water heater, and where an aquastat / thermostat, timer, or an on-demand recirculation system is not incorporated.)

Refer to the manual for complete warranty information.

**Limited Warranty**

**Controller**
- MC-91-2US (included)
- Deluxe controller: MC-100V-1US (optional)
- Bathroom controller: BC-100V-1US (optional)
- MCC-91-2US (optional; for hydronic and commercial applications)
- MC195T-US (optional; for use with Re-Circ Logic)

**Controller Cable**
- Non-polarized two-core cable, minimum 22 AWG

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

**Clearances from Combustibles**
- Top of heater - 12 inches (305mm)
- Front (Panel) - 24 inches (610mm)
- Front (Exhaust) - 24 inches (610mm)
- Back of heater - 0 inches
- Bottom of heater - 12 inches (305mm)
- Sides of heater - 6 inches (152mm)

**Clearances from Non-combustibles**
- Top of heater - 2 inches (51mm)
- Front (Panel) - 0 inches *
- Front (Exhaust) - 24 inches (610mm)
- Back of heater - 0 inches
- Bottom of heater - 2 inches (51mm)
- Sides of heater - 1-1/8 inch (3.2mm)

**Min. / Max. Gas Supply Pressure**
- Natural Gas: min 4" W.C. (2.5mbar) max 10.5" W.C. (26.1mbar)
- Propane Gas: min 8" W.C. (20mbar) max 13.5" W.C. (33.6mbar)

**Manifold Gas Pressure (inches W.C.)**
- Natural Gas: high fire 3.0" W.C. (7.5mbar) low fire 0.41" W.C. (1.0mbar)
- Propane Gas: high fire 3.5" W.C. (8.7mbar) low fire 0.46" W.C. (1.2mbar)

**NOx**
- Complies with South Coast Air Quality Management District 14 ng/J or 20 ppm NOx emission levels

**Dimensions**

**Weight:** 61 lb (28 kg)