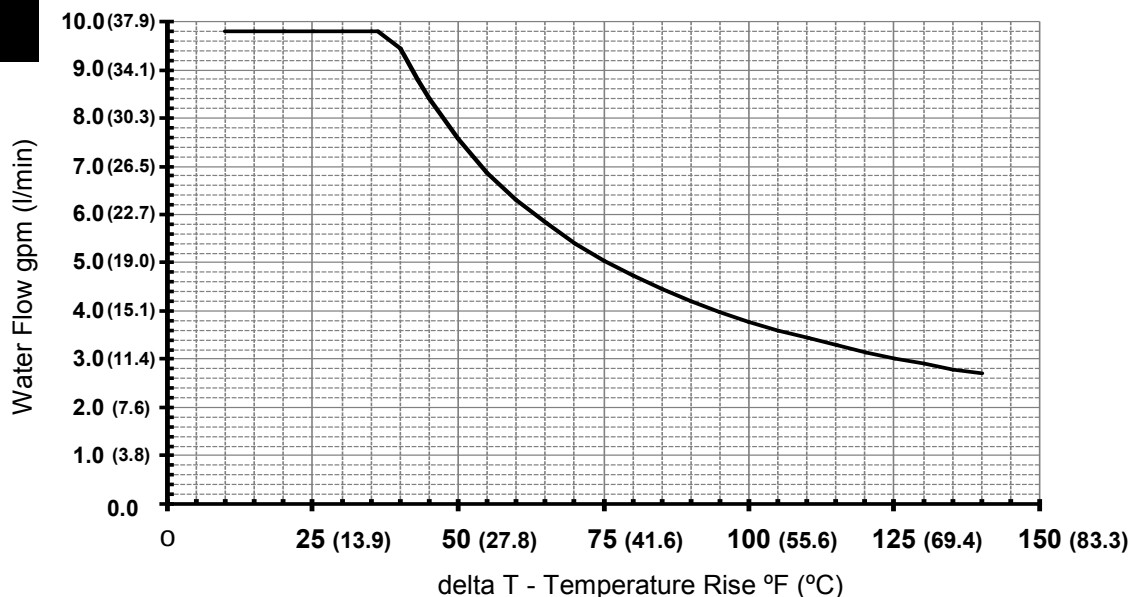


Type of Appliance	Condensing Tankless Water Heater with Integrated Recirculation Pump Energy Star Qualified
Rinnai model number	REU-KBP3237WD-US
Operation / Installation	Forced combustion; outdoor only; Certified for installation in Manufactured (Mobile) Homes
Minimum/Maximum Gas Rate (Input)	15,200 - 199,000 BTU/h (4.5-58.3 kWh)
Electrical	Appliance: AC 120 Volts - 60 Hz Temperature Controller: DC 12 Volts
Electrical Consumption	Normal: 201 w Standby: 3 w Anti-frost protection: 210 w
Amperage	Max: 8A 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)
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)
Energy Factor (EF)	Natural Gas: 0.95 Propane: 0.95
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	20 - 150 PSI (138-1035 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.

FLOW TABLE



Recirculation Control Internal Pump

Built in Rinnai Circ-Logic™: Recirculation program cycles internal pump
Integrated pump and bypass technology allow for recirculation through a dedicated return line or thermal bypass valve

Controller

MC-195T-US (included)-Pump Timer
MC-91-2US (optional)

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

* 24 inches (610mm) required for service

- 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 - 1/8 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. (7.2mbar) 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

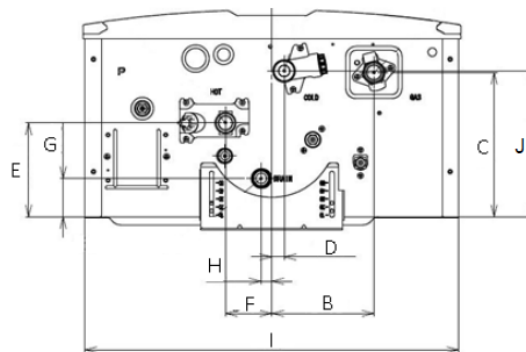
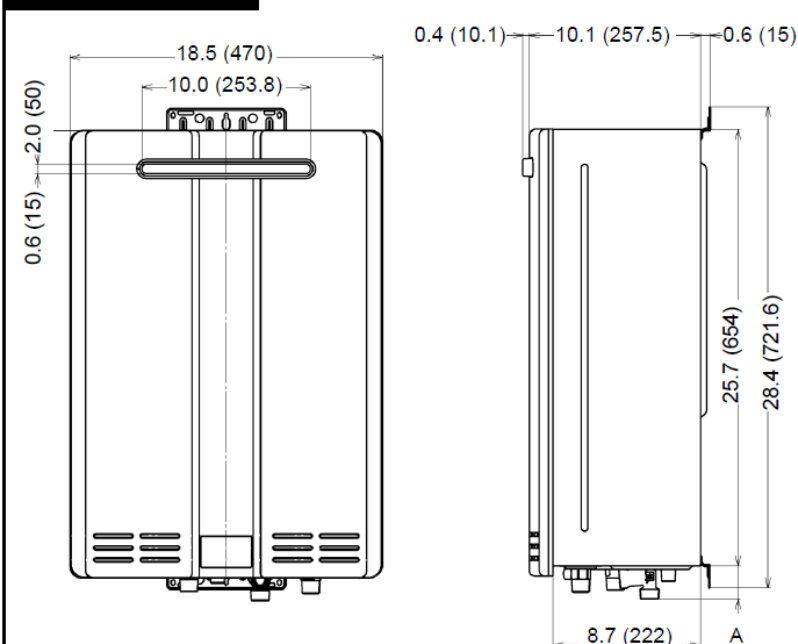
Complies with South Coast Air Quality Management District 14 ng/J or 20 ppm NOx emission levels

Limited Warranty

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.

DIMENSIONS

WEIGHT: 72.8 lb (33 kg)



DIMENSION	Inches (mm)	DIMENSION	Inches (mm)
A (GAS)	1.6 (40.2)	E	4.6 (116.8)
A (COLD)	2.0 (50.2)	F	2.3 (57.7)
A (HOT)	1.4 (36.4)	G	1.9 (47.8)
B	5.0 (127.2)	H	0.52 (13.3)
C	7.1 (179.7)	I	18.3 (466)
D	0.60 (15.3)	J	7.2 (181.5)