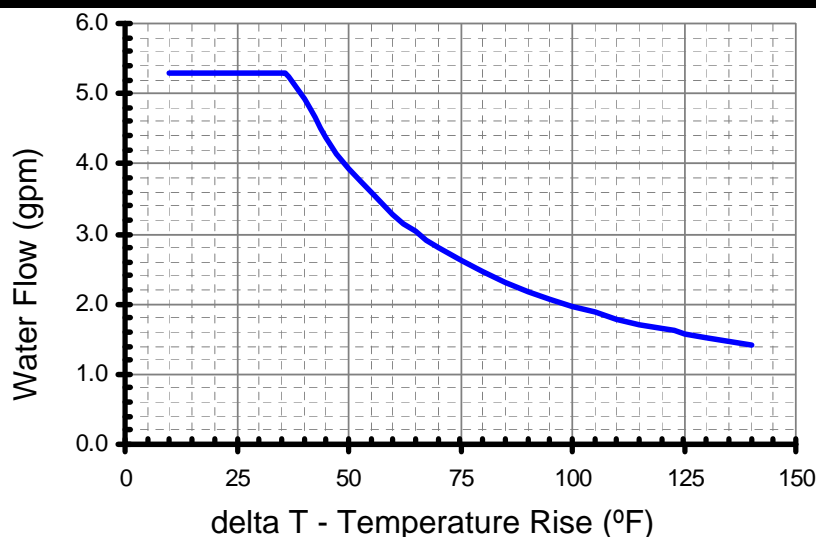


Type of Appliance	Temperature controlled, continuous flow, gas hot water system for residential applications.
Rinnai Model Number	REU-VAM1620W
Operation	With or without remote controls (controller not included; error codes displayed on front panel LED indicator)
Exhaust System	Forced combustion
Minimum/Maximum Gas Rate (Input)	20,200-120,000 BTU/h (Propane); 19,000-120,000 BTU/h (Nat.Gas)
Electrical	Appliance: AC 120 Volts - 60 Hz Remote Control (optional): DC 12 Volts
Electrical Consumption	Normal 33 watts Standby 2 watts Anti-frost protection 74 watts
Ignition System	Direct electronic ignition
Hot Water Capacity	0.6 to 5.3 GPM at a 35° F rise
Temperature Range	98° - 140° (when using optional controller)
Temperature Settings without a controller	120° F (factory default) or 140° F
Approved Gas Types	Natural or Propane (ensure unit matches gas type)
Installation	Outdoor only; residential only
Energy Factor	Natural Gas: 0.82 Propane: 0.82
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 device and fixed by-pass
Minimum/Maximum Water Supply Pressure	20 - 150 PSI (30-80 PSI for maximum performance)

FLOW TABLE



Water Temperature Control

Remote Controller (optional)

Remote Control Cable

Safety Devices

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

Clearances from Non-combustibles

* 24 inches required for serviceability

Min. / Max. Gas Supply Pressure

Manifold Gas Pressure (inches W.C.)

NOx

Warranty

Simulation feed forward and feedback

MC-91-1US

Deluxe controller: MC-100V-1US

Bathroom controller: BC-100V-1US

98° - 140° F

Non-polarized two-core cable, minimum 22 AWG

- 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 (Panel) - 24 inches
- Front (Exhaust) - 24 inches
- Back of heater - 0 inches
- Bottom of heater - 12 inches
- Sides of heater - 6 inches
- Top of heater - 2 inches
- Front (Panel) - 0 inches *
- Front (Exhaust) - 24 inches
- Back of heater - 0 inches
- Bottom of heater - 2 inches
- Sides of heater - 1/8 inch

Natural Gas: min 5" W.C.

max 10.5" W.C.

Propane Gas: min 8" W.C.

max 13.5" W.C.

Natural Gas: high fire 2.50" W.C. low fire 0.73" W.C.

Propane Gas: high fire 2.40" W.C. low fire 0.75" W.C.

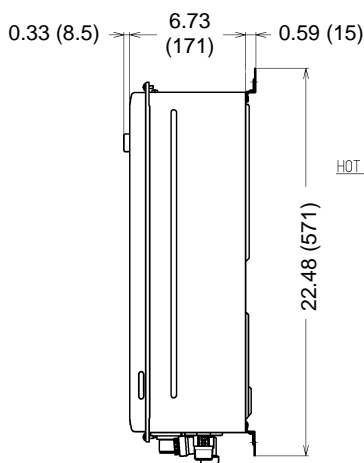
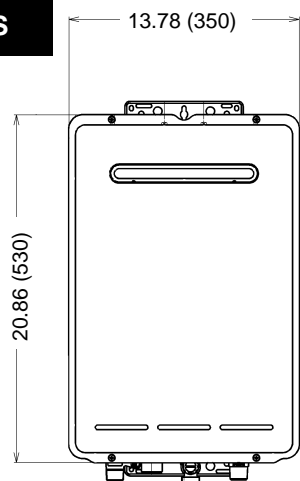
Meets California and Texas NOx Emission Rules

Heat exchanger: 10 years* for residential applications; (10 years* if used with the Rinnai Hydronic Air Handler); 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.

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

in (mm)



WEIGHT: 34.2 LBS (15.5 KG)

