Rinnai.

R98LSe (VA3237W)

Type of Appliance

Rinnai model number

Operation / Installation

Minimum/Maximum Gas Rate (Input)

Electrical

Electrical Consumption

Ignition System

Hot Water Capacity

Temperature

Temperature (without remote)

Approved Gas Types

Thermal Efficiency

Service Connections

Water Flow Control

Minimum/Maximum Water Supply Pressure

Temperature controlled, continuous flow, gas hot water system

REU-VA3237W

Forced combustion; outdoor only

19,000 - 237,000 BTU/h (Natural Gas or Propane)

Appliance: AC 120 Volts - 60 Hz

Controller: DC 12 Volts

Normal 99 watts Standby 2 watts Anti-frost protection 116 watts

Direct electronic ignition

0.6 to 7.9 GPM (50° F rise) 0.9 to 9.8 GPM (35° F rise)

98° - 140° F (98° - 185° F available with the MCC-91 controller for

commercial and hydronic applications)

120° F (factory default)

Natural or Propane (ensure unit matches gas type)

Natural Gas: 83% Propane: 83%

Gas supply: 3/4 inch MNPT Cold water inlet: 3/4 inch MNPT Hot water outlet: 3/4 inch MNPT

Water flow sensor, electronic water control and by-pass control

15 - 150 PSI (50 PSI or above is recommended for maximum flow)

Water Flow Capacity Curve Water Flow Capacity Curve Water Flow Capacity Curve Description of the company of









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Water Temperature Control Controller

Controller Cable Safety Devices

Clearances from Combustibles

Clearances from Non-combustibles

* 24 inches required for serviceability

Min. / Max. Gas Supply Pressure

Manifold Gas Pressure (inches W.C.)

NOx

Warrantv

Simulation feed forward and feedback

MC-91-1US (included)

Deluxe controller: MC-100V-1US (optional) Bathroom controller: BC-100V-1US (optional) Wireless controller: MC-502RC-1US-MS (optional) MCC-91-1US (for commercial applications)

98° - 140° F

98° - 185° 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)
- Top of heater 12 inches
- Front (Panel) 24 inches • Front (Exhaust) - 24 inches
- Top of heater 2 inches
- Front (Panel) 0 inches *
- Front (Exhaust) 24 inches

Natural Gas: min 5" W.C. Propane Gas: min 8" W.C.

- Remaining flame (OHS)
- Thermal fuse
- Automatic frost protection
- · Back of heater 0 inches
- Bottom of heater 12 inches Sides of heater - 6 inches
- · Back of heater 0 inches
- Bottom of heater 2 inches
- Sides of heater 1/8 inch

max 10.5" W.C. max 13.5" W.C.

Natural Gas: high fire 2.8" W.C. low fire 0.65" W.C. Propane Gas: high fire 3.8" W.C. low fire 0.80" W.C.

Meets California and Texas NOx Emission Rules

Heat exchanger: 12 years* for residential and 5 years* for commercial and hydronic 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.

