

**Type of Appliance**

- Temperature controlled, continuous flow, gas hot water system
- Certified for installation in manufactured (mobile) homes
- Forced combustion
- Energy Star qualified

**Rinnai Model Number**

REU-VC2025W-US

**Minimum/Maximum Gas Rate (Input)**

10,300 - 150,000 BTU/h

**Electrical**

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

**Electrical Consumption**

Normal: 57 w Standby: 2 w Anti-frost protection: 104 w

**Ignition System**

Direct electronic ignition

**Hot Water Capacity**

Minimum flow rate: 0.26 GPM  
 Minimum activation flow rate: 0.4 GPM  
 Maximum flow rate: 6.6 GPM

**Temperature**

98° - 120° F (factory default) Maximum temperature is selectable at 120° F or at 140° F; 98° - 160° F available with the MCC-91-2 controller for hydronic applications

**Temperature (without remote)**

120° F (factory default) or 140° F

**Installation**

Outdoor 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**

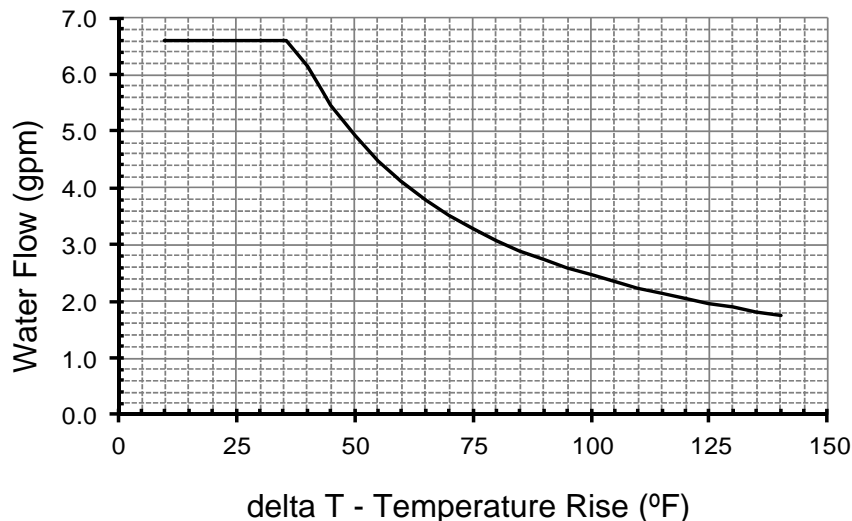
Water flow sensor, electronic water control device and fixed by-pass

**Minimum/Maximum Water Supply Pressure**

20 - 150 PSI (recommended 30-80 PSI for maximum 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**



## Water Temperature Control

### Controller

Simulation feed forward and feedback

MC-91-2US (included)  
 Deluxe controller: MC-100V-1US (optional)  
 Bathroom controller: BC-100V-1US (optional)  
 MCC-91-2US (optional; for hydronic applications)

### 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
- Front (Panel) - 24 inches
- Front (Exhaust) - 24 inches
- Back of heater - 0 inches
- Ground / bottom - 12 inches
- Sides of heater - 6 inches

### Clearances from Non-combustibles

\* 24 inches required for serviceability

- Top of heater - 2 inches
- Front (Panel) - 0 inches \*
- Front (Exhaust) - 24 inches
- Back of heater - 0 inches
- Ground / bottom - 2 inches
- Sides of heater - 1/8 inch

### Min. / Max. Gas Supply Pressure

Natural Gas: min 5" W.C. max 10.5" W.C.  
 Propane Gas: min 8" W.C. max 13.5" W.C.

### Manifold Gas Pressure (inches W.C.) (sea level)

Natural Gas: high fire 1.75" W.C. low fire 0.61" W.C.  
 Propane Gas: high fire 2.61" W.C. low fire 0.93" W.C.

### NOx

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

**Warranty** Heat exchanger: 10 years\* for residential and hydronic applications, increased to 12 years\* if installed with an isolation valve kit; All other parts: 5 years\*; Labor: 1 year; (\* reduced to 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)

