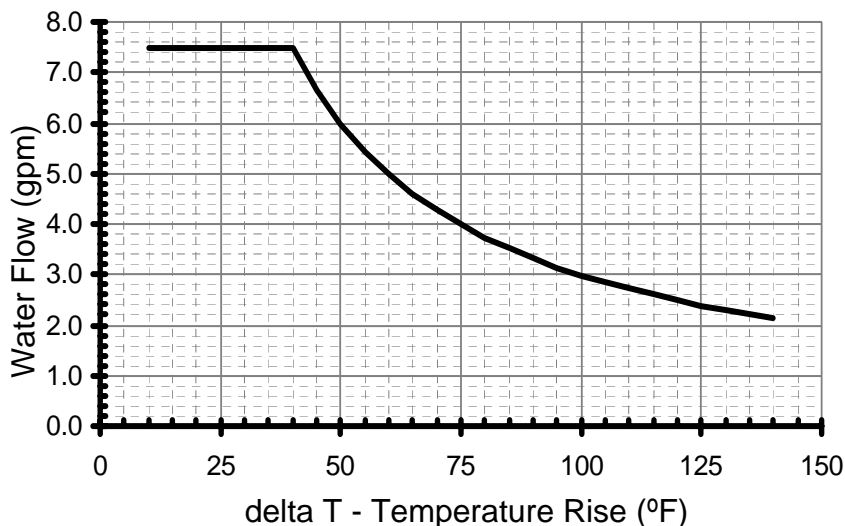


|  |   |
|--|---|
| <b>Type of Appliance</b>                     | Temperature controlled, continuous flow, gas hot water system   |
| <b>Rinnai Model Number</b>                   | REU-VA2528WD  |
| <b>Operation</b>                             | With or without remote controls, mounted in kitchen, bathroom, etc.                                       |
| <b>Exhaust System</b>                        | Direct vent, forced combustion  |
| <b>Minimum/Maximum Gas Rate (Input)</b>      | 15,000 - 180,000 BTU/h (Natural Gas and Propane)  |
| <b>Electrical</b>                            | Appliance: AC 120 Volts - 60 Hz<br>Remote Control: DC 12 Volts  |
| <b>Electrical Consumption</b>                | Normal 50 watts<br>Standby 2.0 watts<br>Anti-frost protection 100 watts                                   |
| <b>Ignition System</b>                       | Direct electronic ignition  |
| <b>Hot Water Capacity</b>                    | 0.6 to 7.5 GPM (35° F rise)   |
| <b>Temperature</b>                           | 98° - 140° F (98° - 160° F available with the MCC-91 controller for commercial and hydronic applications) |
| <b>Temperature (without remote)</b>          | 120° F (factory default)  |
| <b>Approved Gas Types</b>                    | Natural or Propane (ensure unit matches gas type)   |
| <b>Installation</b>                          | Outdoor only  |
| <b>Energy Factor</b>                         | Natural Gas: 0.82 Propane: 0.82   |
| <b>Thermal Efficiency</b>                    | Natural Gas: 83% Propane: 83%   |
| <b>Service Connections</b>                   | Gas supply: 3/4 inch MNPT<br>Cold water inlet: 3/4 inch MNPT<br>Hot water outlet: 3/4 inch MNPT           |
| <b>Water Flow Control</b>                    | Water flow sensor, electronic water control and by-pass control   |
| <b>Minimum/Maximum Water Supply Pressure</b> | 20 - 150 PSI (50 PSI or above is recommended for maximum flow)  |

**FLOW TABLE**



### Water Temperature Control

#### Remote Controls

Simulation feed forward and feedback

|   |                |
|---|----------------|
| MC-91-1US (included)                            | } 98° - 140° F |
| Deluxe controller: MC-100V-1US (optional)       |                |
| Bathroom controller: BC-100V-1US (optional)     |                |
| Wireless controller: MC-502RC-1US-MS (optional) | } 98° - 160° F |
| MCC-91-1US (for commercial applications)        |                |

#### Remote Control 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 (3 amp)
- Remaining flame (OHS)
- Thermal fuse
- Automatic frost protection

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

- Top of heater - 12 inches
- Front of heater - 24 inches
- Sides of heater - 6 inches
- Back of heater - 0 inches
- Bottom of heater - 12 inches

#### Clearances from Non-combustibles

- Top of heater - 2 inches
- Front of heater - 24 inches
- Sides of heater - 1/2 inch
- Back of heater - 0 inches
- Bottom of heater - 2 inches

#### 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.)

Natural Gas: high fire 3.3" W.C. low fire 0.52" W.C.  
Propane Gas: high fire 5.0" W.C. low fire 0.92" W.C.

#### NOx

Meets California and Texas NOx Emission Rules

#### Warranty

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.*

