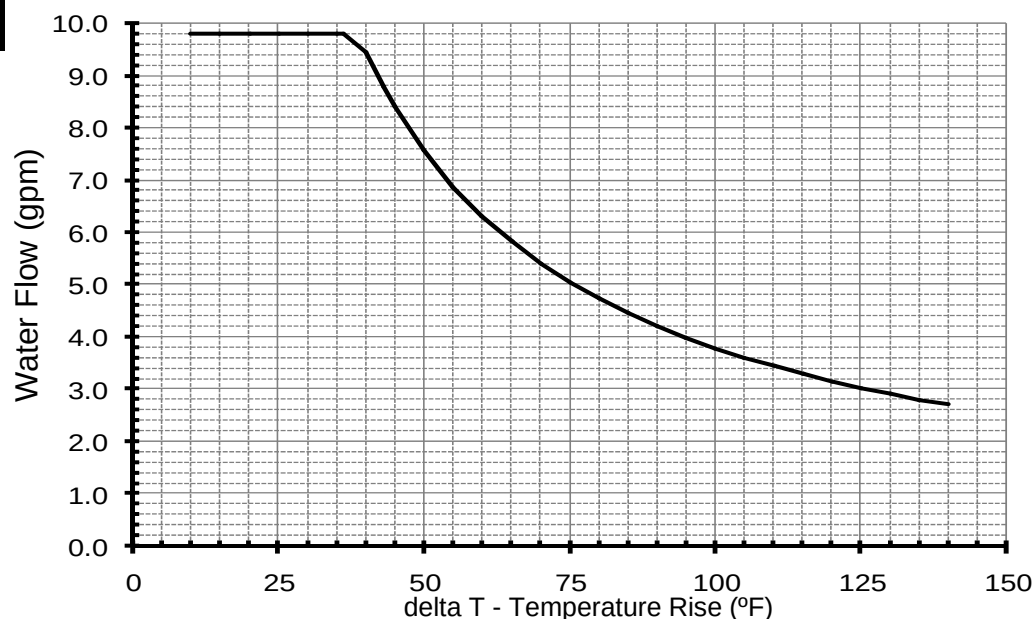


## RC98HPe (KA3237WD)

|                                       |                                                                                                                                                                                     |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type of Appliance                     | Condensing, Tankless, Temperature controlled, continuous flow, gas hot water system, Energy Star Qualified                                                                          |
| Rinnai model number                   | REU-KA3237WD-US                                                                                                                                                                     |
| Operation / Installation              | Forced combustion; outdoor only                                                                                                                                                     |
| Minimum/Maximum Gas Rate (Input)      | 9,500 (Natural Gas), 10,300 (Propane) - 199,000 BTU/h                                                                                                                               |
| Electrical                            | Appliance: AC 120 Volts - 60 Hz<br>Temperature Controller: DC 12 Volts                                                                                                              |
| Electrical Consumption                | Normal 59 watts<br>Standby 2 watts<br>Anti-frost protection 172 watts                                                                                                               |
| Ignition System                       | Direct electronic ignition                                                                                                                                                          |
| Hot Water Capacity                    | 0.4 to 7.6 GPM (50° F rise)      0.4 to 9.8 GPM (35° F rise)                                                                                                                        |
| Temperature                           | 98° - 120° F (factory default) Maximum temperature is selectable at 120° F or at 140° F; 98° - 185° F available with the MCC-91 controller for commercial and hydronic applications |
| Temperature (without remote)          | 120° F (factory default)                                                                                                                                                            |
| Approved Gas Types                    | Natural or Propane (ensure unit matches gas type)                                                                                                                                   |
| Thermal Efficiency                    | Natural Gas: 95%      Propane: 95%                                                                                                                                                  |
| Energy Factor (EF)                    | Natural Gas: 0.93      Propane: 0.93                                                                                                                                                |
| Service Connections                   | Gas supply: 3/4 inch MNPT<br>Cold water inlet: 3/4 inch MNPT<br>Hot water outlet: 3/4 inch MNPT                                                                                     |
| Water Flow Control                    | Water flow sensor, electronic water control and by-pass control                                                                                                                     |
| Minimum/Maximum Water Supply Pressure | 15 - 150 PSI (50 PSI or above is recommended for maximum flow)                                                                                                                      |

**FLOW TABLE**



## RC98HPe (KA3237WD)

### Controller

MC-91-1US (included)  
 Deluxe controller: MC-100V-1US (optional)  
 Bathroom controller: BC-100V-1US (optional)  
 MCC-91-1US (for commercial 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 (3 amp)
- 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
- Bottom of heater - 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
- Bottom of heater - 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.)

Natural Gas: high fire 2.2" W.C. low fire 0.63" W.C.  
 Propane Gas: high fire 3.1" W.C. low fire 1.00" W.C.

### NOx

Meets California and Texas NOx Emission Rules

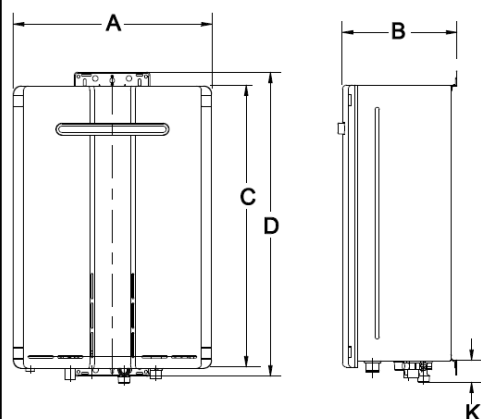
### Warranty

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, all circulating water flows through the water heater and without an on-demand recirculation system). Refer to the manual for complete warranty information.

*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

WEIGHT: 70.5 LBS



| DIM | DESCRIPTION                    | in (mm)      |
|-----|--------------------------------|--------------|
| A   | Width                          | 18.5 (470)   |
| B   | Depth                          | 10.7 (271.9) |
| C   | Height - Unit                  | 26.4 (670)   |
| D   | Height - with brackets         | 28.4 (721.6) |
| E   | Hot Water Outlet - from wall   | 3.9 (100)    |
| F   | Hot Water Outlet - from center | 3.9 (100)    |
| G   | Cold Water Inlet - from wall   | 2.5 (64.6)   |
| H   | Cold Water Inlet - from center | 1.1 (27.7)   |
| I   | Gas Connection - from wall     | 3.5 (89)     |
| J   | Gas Connection - from center   | 4.1 (103.2)  |
| K   | From base to gas connection    | 1.6 (40.2)   |
|     | From base to cold connection   | 2.0 (50.2)   |
|     | From base to hot connection    | 1.6 (41.2)   |
| L   | Condensate Dain - from wall    | 4.8 (122.6)  |
| M   | Condensate Drain - from center | 7.7 (195)    |