

Water Temperature Control

Controller

Controller Cable

Safety Devices

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

Clearances from Non-combustibles

Min. / Max. Gas Supply Pressure

Manifold Gas Pressure (inches W.C.)

NOx

Warranty

Simulation feed forward and feedback

MC-91-1US (part of the front panel)
 Deluxe controller: MC-100V-1US (optional)
 Bathroom controller: BC-100V-1US (optional)
 MCC-91-1US (for commercial applications)

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 - 6 inches
- Front of heater - 6 inches
- Sides of heater - 2 inches
- Back of heater - 0 inches
- Bottom of heater - 12 inches
- From vent pipe - 0 inches
- Top of heater - 2 inches
- Front of heater - 6 inches
- Sides of heater - 1/2 inch
- Back of heater - 0 inches
- Bottom of heater - 12 inches
- From vent pipe - 0 inches

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 2.7" W.C. low fire 0.52" W.C.
 Propane Gas: high fire 4.4" W.C. low fire 0.92" 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.

