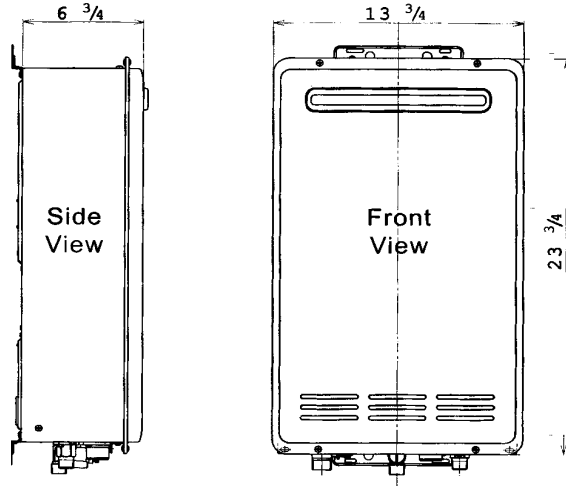


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|---|---|
| Type of Appliance | Temperature controlled continuous flow gas hot water system. |
| Operation | With or without remote controls, mounted in kitchen, bathroom, etc. |
| Exhaust system | Direct vent, forced combustion |
| Rinnai model number | REU-2424W-US |
| Maximum/Minimum gas rate (Input BTU's) | 19,000 BTU's – 180,000 BTU's |
| Hot water capacity, mixed (50°F rise) | 0.6 to 6.5 GPM's |
| Default temperature (without remote) | 120 °F. Different temperatures can be achieved using the optional remote temperature controllers. |
| Temperature range with remote connected | MC controller 96 - 140°F, BC and BSC controller 96 - 120°F |
| Temperature range (with remotes) | 96 - 140°F in 14 stages |
| Approved gas types | Natural or Propane - Ensure unit matches gas type it's being installed on. |
| Installation | External |
| Dimensions | |



Height 23 3/4 "
 Width 13 3/4 "
 Depth 6 3/4 "

| | |
|-------------------|--|
| Weight | 44 Lbs. |
| Efficiency rating | 82% |
| Noise level | 49 dB (A) |
| Connections | Gas supply 3/4" MNPT Cold water inlet 3/4" MNPT Hot water outlet 3/4" MNPT |

| | | |
|--|---|---|
| Ignition system | Direct electronic ignition | |
| Electrical consumption | Normal | 55 watts |
| | Standby | 8 watts |
| | Anti-frost protection | 90 watts |
| Water temperature control | Simulation feed forward and feedback | |
| Water flow control | Water flow sensor and automatic electro-mechanical water flow control device | |
| Minimum water supply pressure | 40 PSI (Rinnai recommends 60 - 80 PSI for maximum performance) | |
| Maximum water supply pressure | 150 PSI | |
| Safety Devices | Appliance - AC 120 Volts - 60Hz. | |
| | Remote control DC 12 Volts (Digital) | |
| | Flame failure - Flame rod | |
| | Boiling protection - 203°F | |
| | Remaining flame (OHS) 194°F bi-metal switch | |
| | Thermal fuse 279°F | |
| | Automatic frost protection - Bi metal sensor & anti-frost heaters | |
| | Combustion fan rpm check - Integrated circuit | |
| | Over current - Glass fuse (3 amp) | |
| | If remote fails or becomes disconnected unit defaults to 100°F with water flowing | |
| | Anti-Scald features | |
| Remote Control | MC-45-3 US | Main Control (96-140 °F range) |
| | BC-45-3 US | Bathroom (96-120 °F range) |
| | BSC-45-3 US | Second Bathroom (96-120 °F range) |
| Remote control cable | Non-polarized two core cable | |
| Clearances from combustibles | Top of heater | 12" |
| | Front of heater | 24" |
| | Sides of heater | 6" |
| | Back of heater | 0" |
| | Ground | 12" |
| | Below eaves, porches, overhangs. = 3 feet | |
| | Horizontally from an openable window, door, etc. = 12 inches | |
| Vertically above or below an openable window, door, etc. = 12 inches | | |
| Min. and Max. gas supply pressure | Natural Gas: (NAT.) | Min. 6" W.C. Maximum 10.5" W.C. |
| | Propane Gas: (LPG) | Min. 10" W.C. Maximum 14" W.C. |
| Manifold Gas Pressure (Inches) | Natural Gas: | 5.3" W.C. high fire 0.43" low fire |
| | LPG: | 8.7" W.C. high fire 0.59" low fire |
| Warranty | Residential: | Ten years heat exchanger / five years parts |
| | Commercial: | No Warranty (use 2424WC water heater) |