**CIRC-LOGIC RECIRCULATION TECHNOLOGY**

Rinnai Circ-Logic recirculation technology allows users to set recirculation patterns that coincide with their hot water usage patterns. Hot water is available when needed, without the expense of circulating it during times of inactivity. Two recirculation modes are available:

- **Dedicated Mode** - With a dedicated return line, the integrated pump recirculates water from the tankless water heater through the return line and back to the heater.
- **Crossover Mode** - In applications where a dedicated return line is not available or is difficult to install, ThermaCirc360™ technology allows for the simple installation of a Thermal Bypass Valve (included with purchase) at the fixture farthest away from the water heater.

**EASE OF INSTALLATION AND SERVICEABILITY**

- Compact Design to Save Space
- Wi-Fi Technology for Remote Monitoring and Management
- Simple Gas Conversion

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**OPTIMAL ACCESSORIES**

Room Air Screen, Condensate Neutralizer, ScaleCutter, Drain Down Kit, Additional Controllers, Pipe Cover, Recirculation Pump, DPS/MIS Switch, EZConnect™ Cables, Control-R™ Wi-Fi Module, Wireless Accessories, and many more. Visit rinnai.us for a complete list of accessories.
Flow curves apply only to incoming water temperatures of 70° F (21° C) or less. For incoming water temperatures greater than 70° F (21° C), please contact Rinnai.

Minimum flow may vary slightly depending on the temperature setting and the inlet water temperature. Minimum activation flow is 0.4 GPM (1.5 L/min).

The maximum gas supply pressure must not exceed the value specified by the manufacturer.

Clearances
- Top: 2 in. (51 mm)*
- Bottom/ground: 12 in. (305 mm)
- Sides: 2 in. (51 mm)***
- Front: 0 in.**
- Front exhaust: 24 in. (610 mm)

* 0 in. from vent components
** Clearance for servicing is 24 in. (610 mm) in front of water heater
*** Add 0.25 in. (6.35 mm) for recess box

1 Minimum flow may vary slightly depending on the temperature setting and the inlet water temperature. Minimum activation flow is 0.4 GPM (1.5 L/min).
2 The maximum gas supply pressure must not exceed the value specified by the manufacturer.
The RUR pump has an operation range of 1.05 GPM to 5.30 GPM

Internal Recirculation Pump Control
- Built-in Rinnai Circ-Logic: Recirculation program cycles internal pump

Internal Pump
- Integrated pump and bypass technology allow for recirculation through a dedicated return line or thermal bypass valve.

Maximum Recirculation Pipe Lengths
- 400 equivalent feet for 3/4 in. pipe diameter
- 100 equivalent feet for 1/2 in. pipe diameter

*Take equivalent elbow lengths into consideration when calculating pipe length.*

For dedicated return lines: Total length includes both hot water supply and dedicated return lines.

Cross-over mode: Total length includes both hot water supply and cold water piping length from the tankless water heater to the thermal bypass valve.

Cross-over mode requires the use of a thermal bypass valve (included).