Rinnai takes tankless water heating one step further with condensing technology that delivers more efficiency than ever before. Enjoy all the same tankless benefits you’ve come to expect from Rinnai, plus even greater energy savings.

With four condensing models to choose from, there’s one right for any sized home. Delight in a continuous supply of fresh, clean hot water, and experience the space savings, convenience, ease of installation and peace of mind for which Rinnai is famous.

Unrivaled Technology. Unmatched Performance.

Rinnai’s unique condensing design incorporates two innovative heat exchangers to achieve optimum heating value from every cubic foot of natural gas or propane. Residual heat from flue gases is recaptured to pre-heat incoming ground water, which then circulates to the primary copper heat exchanger.

The top-down burner design increases reliability and ensures a longer service life, while also reducing lifetime operating and maintenance costs. With the burner located above the condensing heat exchanger, the burner and copper heat exchanger are protected from condensate.

Delivering an Energy Factor (EF) up to .96, Rinnai’s tankless condensing units are ideal for residential and commercial applications and can be banked together for even greater capacity.

**Benefits at a glance**

- Energy Factor (EF) up to .96 *
- Capacity to supply continuous hot water simultaneously to multiple plumbing fixtures
- Significant space savings over tank-style water heaters
- Flexible indoor or outdoor installation options
- Pair with hydronic furnace for efficient home heating
- ENERGY STAR® qualified

**New for April 2012**

- Built-in Rinnai Circ-Logic™ recirculation program**
  - cycles an external pump at pre-set intervals and temperatures to maximize efficiency and comfort
- Leak detection shuts off water to the interior units to limit property damage
- Temperature lock function prevents accidental or unauthorized changes to water temperature
- Enhanced scale detection lessens possibility of serious, long-term damage to unit

* RU80 models
** More details on back cover

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The NEW RINNAI ULTRA SERIES
ULTRA CONDENSING TECHNOLOGY.
SAME TANKLESS BENEFITS. INCREDIBLE EFFICIENCY.

RINNAI ULTRA SERIES CONDENSING TANKLESS WATER HEATERS
Models available in Natural Gas or Propane

<table>
<thead>
<tr>
<th>Mode</th>
<th>Interior</th>
<th>Exterior</th>
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<tbody>
<tr>
<td>RU98i</td>
<td>W 18.3&quot; (466 mm)</td>
<td>H 26&quot; (650 mm)</td>
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<tr>
<td>RU98e</td>
<td>W 18.3&quot; (466 mm)</td>
<td>H 26&quot; (650 mm)</td>
</tr>
<tr>
<td>RU80i</td>
<td>W 18.3&quot; (466 mm)</td>
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<tr>
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<td>W 18.3&quot; (466 mm)</td>
<td>H 26&quot; (650 mm)</td>
</tr>
</tbody>
</table>

Minimum / Maximum Gas Rate (Input BTUs) 15,200 / 199,000 (NG or LP) 15,200 / 152,000 (NG or LP)

Hot Water Capacity Range 0.26 to 9.8 GPM† 0.26 to 8.0 GPM†

Energy Factor (NG or LP) .95 .95 .96 .96

Temperature Range***

Residential 98° F - 140° F
Commercial 98° F - 185° F

Standard Digital Controller MC-91-2

Optional Digital Controller MC-100V-1, BC100V-1, MCC-91-2 (Digital Controller)

Polypropylene Concentric Venting

The safe and cost-effective choice in venting

Rinnai's proprietary concentric venting system – engineered especially for condensing technology – features a polypropylene inner pipe, designed to withstand varying flue conditions over the life of the appliance. No other venting solution provides this same high level of safety, reliability and cost-efficiency.

**Ultra Series Models (KB) – Circ-Logic™ Availability

Beginning April 2012, KB models with serial numbers higher than those listed below will ship with Circ-Logic installed. Lower serial numbers do not have Circ-Logic.

RU98i  (REU-KB3237FFUD-US) DB.BA-006175
RU98e  (REU-KB3237WD-US) DB.BA-006213
RU80e  (REU-KB2530WD-US) DB.BA-006195
RU80i  (REU-KB2530FFUD-US) DB.BA-006201

Accessories Scale Control System

Rinnai’s Scale Control System helps control limescale and corrosion by feeding a special blend of scale-control compounds into the water stream.

CONDENSATE NEUTRALIZER KIT

• Raises pH before discharge into drain
• 1.6 gallons/hour (6.05 liters/hour)
• Mounts vertically or horizontally
• Fast, simple installation
• Clear, refillable capsule

Vertical Venting

- Roof Discharge Termination 18° above roof
- Roof Flashing Assembly Flat
- Metal Pass Through Plate
- Vent Pipe Extension
- Wall thimble for an easy installation in production plumbing applications

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Peachtree City, GA 30269

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Visit our Website: www.rinnai.us
E-mail: marketing@rinnai.us

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 and upon installation.