



Rinnai®

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

RINNAI ULTRA SERIES CONDENSING TANKLESS WATER HEATERS

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.

Unrivalled 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.

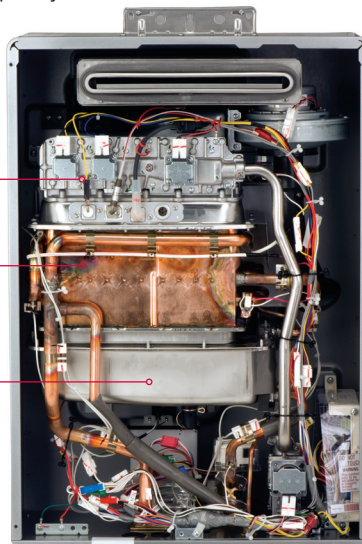
Top-Down Burner Design
Enhances Reliability and Service Life,
Reduces Maintenance

Top-Down Ceramic Burner

Primary Heat Exchanger

Condensate drains down

Secondary Heat Exchanger



RU98e

RU98i



Benefits at a glance

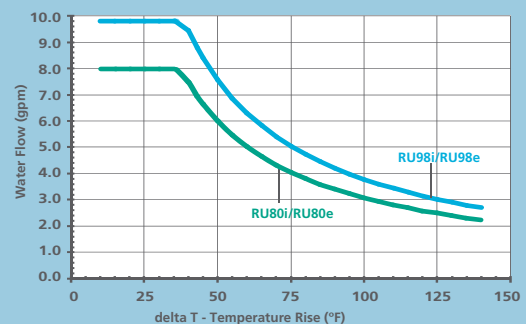
- Energy Factor (EF) up to .96*
- Capacity to supply continuous hot water simultaneously to multiple plumbing fixtures
- Significant space savings over tank-style water heaters
- Flexible indoor or outdoor installation options
- Pair with hydronic furnace for efficient home heating
- ENERGY STAR® qualified

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



Rinnai Ultra Series Condensing Tankless Water Heaters

Residential/Commercial Models

Models available in Natural Gas or Propane	RU98i (KB) (Interior)	RU98e (KB) (Exterior)	RU80i (KB) (Interior)	RU80e (KB) (Exterior)
Dimensions	W 18.3" (466 mm) H 26" (650 mm) D 10" (254 mm)		W 18.3" (466 mm) H 26" (650 mm) D 10" (254 mm)	
Weight	61.7 lbs (28 kg)		70.5 lbs (32 kg)	
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*** (Min - Max)			98° F - 140° F 98° F - 185° F	
Standard Digital Controller	MC-91-2			
Optional Digital Controller	MC-100V-1, BC100V-1, MCC-91-2 (Digital Controller)			

*** Factory default temperature is set at 98° F - 120° F - maximum temperature is selectable at 120° F or at 140° F. To achieve temperatures over 140° F, an MCC-91 commercial controller must be purchased separately.
† 0.4 GPM activation rate for RU Series

**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.



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.



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

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.

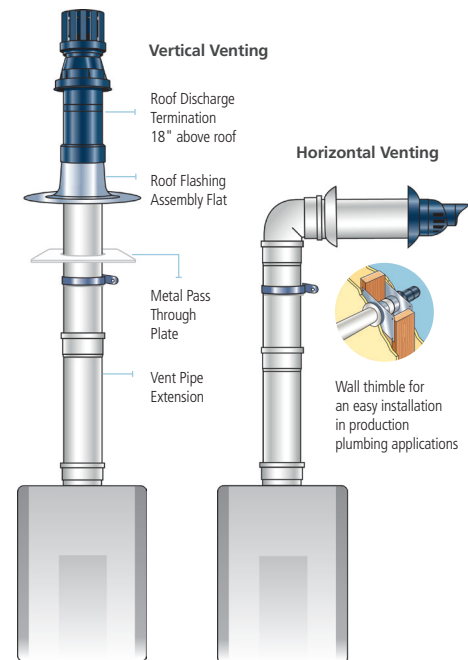


Ultra Series Limited Warranty

Standard Limited Warranty (some restrictions apply) – Residential: 12 year heat exchanger, 5 year parts and 1 year labor, extended to 5 year labor when unit is registered with Rinnai within 30 days of purchase*.
Commercial: 5 year heat exchanger, 5 year parts, 1 year labor, extended to 2 year labor when unit is registered with Rinnai within 30 days of purchase*.

www.rinnai.us/warranty

* Offering of an extended 5 year labor warranty when the unit is installed in a residential application and 2 year labor warranty when the unit is installed in a commercial application if the product is registered with Rinnai within 30 days of purchase. Product registration is not required for the extended term in California, Quebec, or other jurisdictions that prohibit warranty benefits conditioned on registration. For complete warranty details, visit www.rinnai.us/warranty or call 1-800-621-9419.



FOR MORE INFORMATION ON RINNAI PRODUCTS

ADDITIONAL RINNAI LITERATURE AVAILABLE



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Rinnai®



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