



# Rinnai.

## INTRODUCING CONDENSING TECHNOLOGY. SAME GREAT TANKLESS. INCREDIBLE NEW EFFICIENCY.

### RINNAI CONDENSING TANKLESS WATER HEATERS

Now the name that's synonymous with innovative tankless water heating is setting the bar even higher. Rinnai's newest tankless addition incorporates condensing technology to create one of the most efficient, most durable tankless water heater designs on the market today.

Available in four models, suitable for mid- to large-sized homes, Rinnai's new Condensing Tankless Water Heaters offer all the same benefits builders and homeowners have come to expect from Rinnai. Never run out of hot water again, and enjoy the space savings, convenience, ease of installation and peace of mind for which Rinnai is famous.

#### The efficiency of condensing technology

Rinnai's unique condensing design incorporates two innovative heat exchangers to achieve optimum heating value from every cubic foot of natural gas or propane. The stainless steel system recaptures residual heat from flue gases to pre-heat incoming ground water, which then circulates to the primary copper heat exchanger.

Delivering up to 95% thermal efficiency, Rinnai's tankless condensing units are ideal for residential and commercial applications and can be banked for even greater capacity.

And, of course, you'll enjoy all the same benefits that have made Rinnai the #1-selling gas tankless water heater brand in the U.S. The Rinnai Tankless Water Heater brand offers you high efficiency, reliability and greater service with technical support.



#### Benefits at a glance

- Up to 95% thermal efficiency
- All the advantages of tankless water heating
- Condensing technology for high efficiency and energy savings
- Capacity to supply continuous hot water simultaneously to multiple plumbing demands
- Significant space savings over tank-style water heaters
- Flexible indoor or outdoor installation options
- Long-lasting design and reduced risk of flooding
- Pair up with an air handler for efficient home heating
- ENERGY STAR® qualified



# Rinnai Condensing Tankless Water Heaters

## Interior Residential/Commercial Models

Models available in Natural Gas or Propane	RC98HPI (Interior)	RC98HPE (Exterior)	RC80HPI (Interior)	RC80HPE (Exterior)
Dimensions	W 14" (356 mm) H 26" (650 mm) D 11" (279 mm)	W 14" (356 mm) H 26" (650 mm) D 11" (279 mm)	W 14" (356 mm) H 26" (650 mm) D 11" (279 mm)	W 14" (356 mm) H 26" (650 mm) D 11" (279 mm)
Weight	71 lbs (32 kg)	71 lbs (32 kg)	64 lbs (29 kg)	64 lbs (29 kg)
Minimum / Maximum Gas Rate (Input BTUs)	9,500 (NG) / 199,000 10,300 (LP) / 199,000	9,500 (NG) / 199,000 10,300 (LP) / 199,000	9,500 (NG) / 157,000 10,300 (LP) / 157,000	9,500 (NG) / 157,000 10,300 (LP) / 157,000
Hot Water Capacity Range	.4 to 9.8 GPM	.4 to 9.8 GPM	.4 to 8.0 GPM	.4 to 8.0 GPM
Energy Factor (NG and LP)	.93	.93	.93	.93
Temperature Range* (Min - Max)	Residential 98° F - 120° F Commercial 98° F - 185° F	Residential 98° F - 120° F Commercial 98° F - 185° F	Residential 98° F - 120° F Commercial 98° F - 185° F	Residential 98° F - 120° F Commercial 98° F - 185° F
Standard Digital Controller	Built-in MC-91-1 MCC-91-1	MC-91-1 MCC-91-1	MC-91-1 MCC-91-1	MC-91-1 MCC-91-1

\* 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.

## New Rinnai Ubbink Polypropylene (PP) Concentric Venting Engineered Especially for Condensing Technology

### The safe and cost effective choice in venting

Rinnai introduced the combination of tankless technology and concentric venting to North America to deliver a high level of comfort, efficiency and safety. In keeping with our commitment to reliability and safety, Rinnai Condensing Tankless Water Heaters will utilize concentric venting with a polypropylene inner pipe that is designed to withstand varying flue temperature conditions that may be experienced over the life of a condensing product. Rinnai prefers that condensing concentric venting be comprised of polypropylene for a safe, cost-effective and aesthetically pleasing product.

### Rinnai's PP concentric venting is the safe solution

- Engineered especially for gas appliance venting
- Positive fit and lock allows for installation assurance
- Two layers of pipe equals two layers of protection
- Seals at every joint expand and contract with weather and temperature changes, so there's no flexing or cracking in the venting
- No flammable, messy or harmful glues, cements, or solvents are used
- Concentric venting allows zero clearance from combustibles

### Rinnai's concentric venting is price effective and aesthetically pleasing

- The extra measure of safety afforded by Rinnai concentric venting is available at a cost comparable to other venting methods
- Only one pipe run is required, speeding installation and reducing cost and space
- Special roof and side terminations create a high-end look

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.

## FOR MORE INFORMATION ON RINNAI PRODUCTS

## ADDITIONAL RINNAI LITERATURE AVAILABLE



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