

Don't Just Meet Hot Water Needs.
EXCEED THEM.



COMPREHENSIVE WATER HEATING

Rinnai[®]

Our performance is
OUR PROMISES ARE KEPT.





Nearly 100 years ago, we at Rinnai established a tradition of never settling for less than the absolute best—a tradition that has grown even stronger today.

Thanks to superior engineering, Rinnai water heating products raise the standard in comfort, convenience and reliability. In fact, our commitment to safety, quality and support has made Rinnai Tankless Water Heaters the #1 selling tankless brand in the U.S. and Canada.

From products to service and everything in between, our dedication to delivering our absolute best never wavers. We're stronger than ever, so that your confidence in choosing Rinnai can be too.

ENHANCING THE COMFORTS of home.

With either Rinnai Tankless Water Heaters or the RH180 Hybrid Tank-Tankless Water Heater, homeowners can now have more hot water than they ever thought possible.

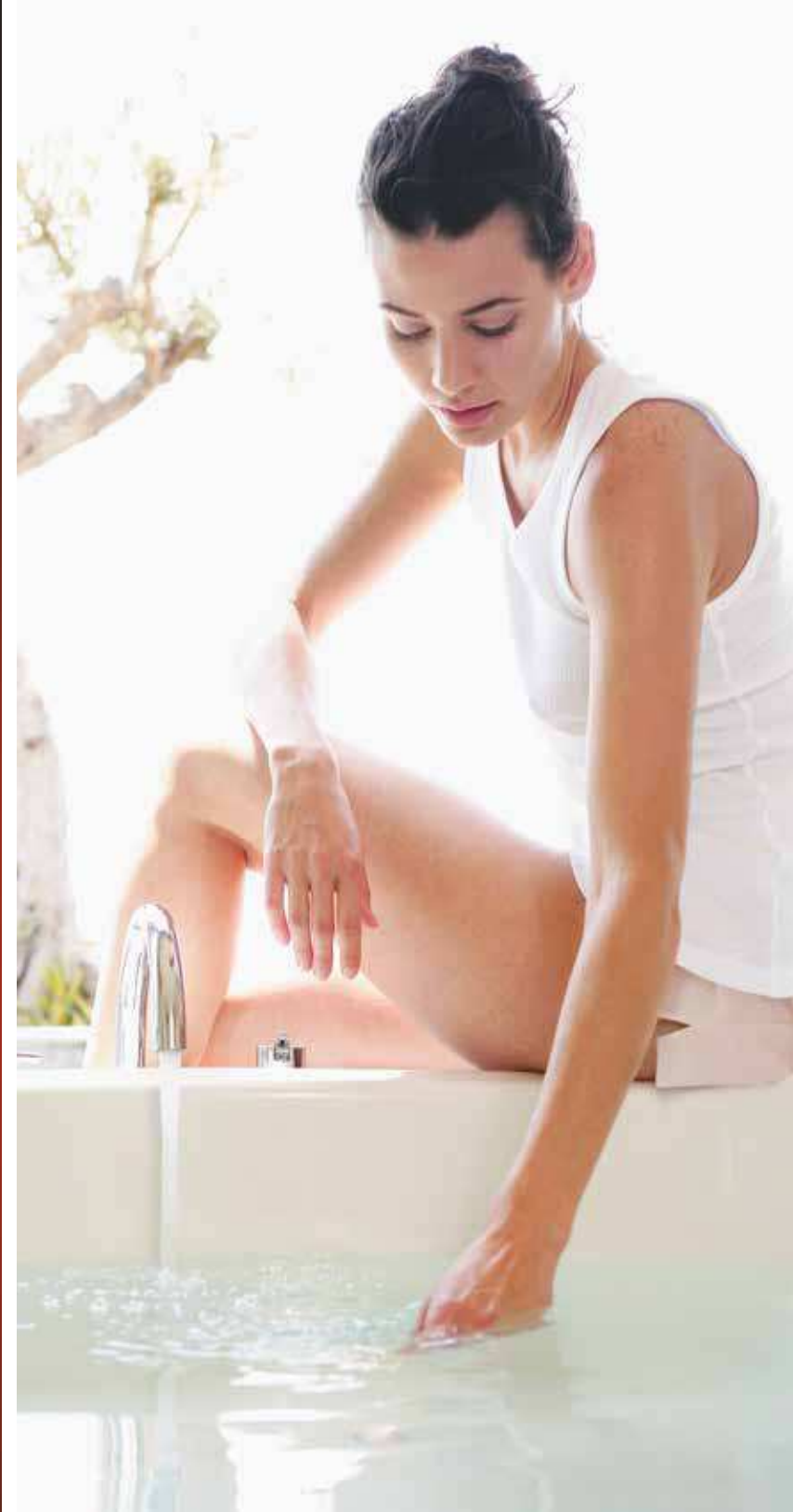
The innovation behind Rinnai Tankless Water Heaters provides an endless supply of hot water wherever and whenever it's needed—even for simultaneous uses at multiple fixtures.

Because they operate on an as-needed basis, Rinnai Tankless Water Heaters can use up to 40 percent* less energy than traditional systems, which helps reduce utility costs and can contribute to a favorable HERS rating and optimize LEED certification. On top of efficiency, our tankless water heaters feature a commercial-grade heat exchanger for unparalleled quality, durability and safety. And because of our compact design, our units offer substantial space savings in the home.

The RH180 Hybrid Tank-Tankless Water Heater utilizes the same on-demand tankless technology with an efficient storage tank to deliver more hot water with less recovery time than a traditional tank—all in a quick and easy installation.

The flexibility of always having enough hot water. The reliability of proven engineering. It's everything homeowners need to feel comfortable.

*As based on the average cost to run an electric tank water heater per the DOE Average Energy Costs (www.doe.gov).





THE PERFORMANCE
BEHIND SUCCESSFUL
commercial
operations.

For restaurants, hotels, multifamily residences, schools and more, Rinnai tankless water heating solutions deliver reliable performance when it matters most—so that hot water limitations won't slow you down.

Our wide breadth of tankless units provide an endless supply of hot water, even in the most demanding of applications, all while conserving energy to keep operating costs down. Thanks to our common venting and Tankless Rack System, it's even easier to use multiple units together to provide anywhere from 398k to 5M+ BTUs—enough to replace even large boilers.

Durability. Efficiency. Reliability. Just a few reasons to trust Rinnai for commercial applications.



Condensing tankless

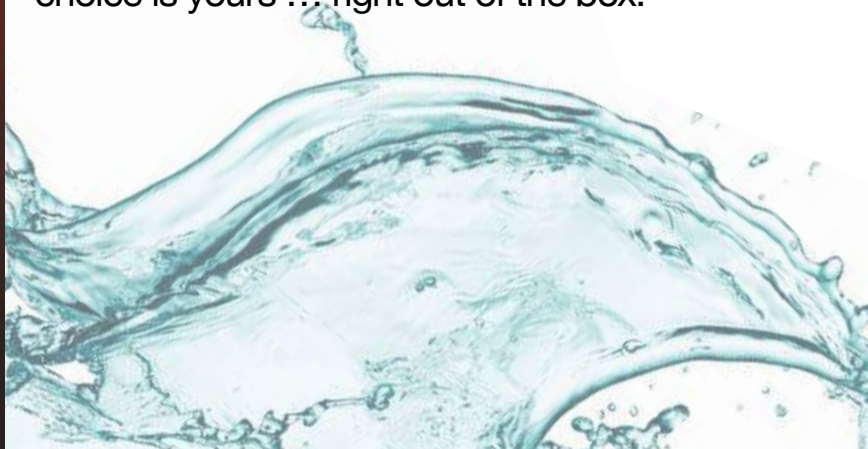


Rinnai Tankless Water Heaters deliver trusted quality and proven reliability you can count on. From efficient, durable products to experienced support, there is simply no better choice than Rinnai.

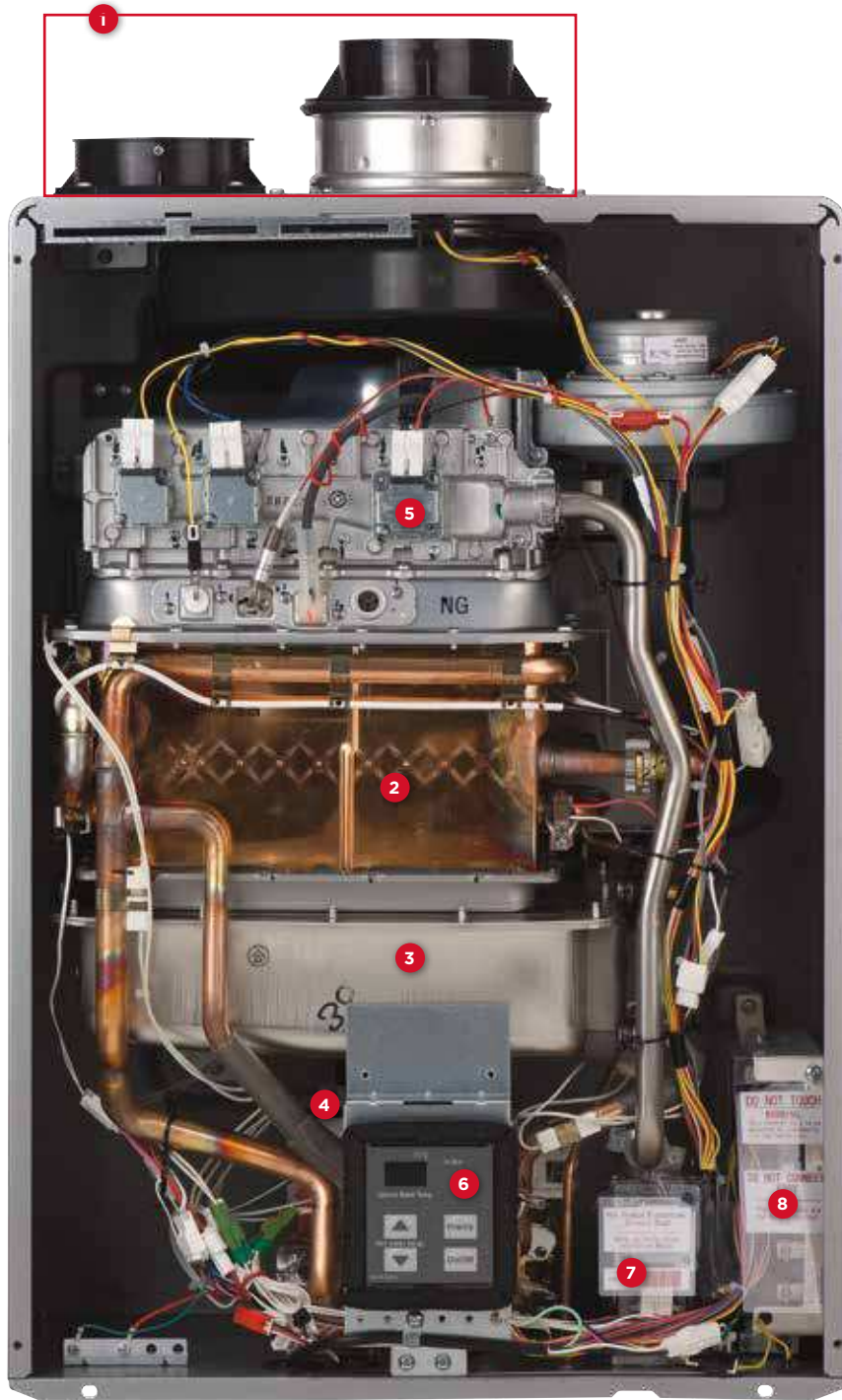
- Wide range of quality product offerings
- Easy, safe ventilation options
- 24/7 technical support for professionals
- Engineering application support for commercial customers
- More venting solutions right out of the box

RINNAI ULTRA SERIES NOW WITH MORE VENTING OPTIONS RIGHT OUT OF THE BOX.

Rinnai Ultra Series Tankless Water Heaters deliver innovation and technological leadership in condensing tankless water heating design. Providing homeowners with an endless supply of hot water, energy savings, a space saving design and environmental benefits, Rinnai offers ease of installation now with more venting options right out of the box. As the only manufacturer to offer both concentric and PVC/ CPVC venting options on the same indoor unit, no adaptor is necessary to give you double the venting options on every installation. One unit. Two venting options. From one project to the next, with the RUC line of Ultra Series Tankless Water Heaters the freedom of choice is yours ... right out of the box.



ss technology



RUC80i / RUC98i

NEW

1 Concentric OR PVC/ CPVC Air Intake

2 Primary Heat Exchanger

3 Secondary Heat Exchanger

4 Integrated Condensate Trap

5 Ceramic Top Down Burner & Gas Manifold

6 Integrated Digital Controller

7 Modulating Gas Valve

8 Built-in Surge Protector & PC Board

*Indoor unit shown

Rinnai introduces the first and only tankless water heater in the industry to offer both concentric and PVC/ CPVC venting on the same unit right out of the box.



Tankless technology that saves you time.

Never think about your hot water needs again: Innovative technology provides an endless supply of hot water whenever and wherever it's needed – even for simultaneous uses at multiple fixtures. Showers and baths? Absolutely. Laundry and dishes? No problem. Prioritizing activities and scheduling hot water use is a thing of the past.

Save money, splurge on performance.

Designed for efficiency: Rinnai's condensing technology features dual heat exchangers to provide maximum efficiency, and easily meet ENERGY STAR® qualifications and uses up to 40 percent less energy* than a traditional tank.

Save energy: By operating only when hot water is needed, and no storage tank to heat and reheat water, our tankless technology helps save on energy and utility costs. The use of an electronic ignition means no standing pilot light that constantly uses energy.

A smart investment: Increase your home's value with premium technology, energy efficiency and an improved Home Energy Rating System (HERS) index score. Available energy efficiency rebates and tax credits offer the opportunity to help make your purchases more affordable.

Multiple sizes: Rinnai gives you options to right-size your installation and customize your efficiency.

Replace parts, not systems: Every part of a Rinnai Tankless Water Heater is replaceable. Components can be easily exchanged, if needed, versus replacing the entire system.

Save space with a compact design.

Maximum output, minimum space:

About the size of a small suitcase, at 18.5"x16"x10", the Rinnai can be tucked in a small crawl space, attic or basement. These wall-mounted units can be installed on the interior or exterior wall of the home to free up valuable space.

Flexible installation: Small size allows for installation in non-traditional spaces such as crawl spaces and attics, making it perfect for use in any size home, including manufactured and modular homes.

Stay green with a sustainable choice.

Earth-friendly efficiency: Our patented condensing technology achieves maximum energy efficiency, helping to conserve natural resources.

Less waste: Compact heat exchanger design, longer product lifespan compared to a traditional tank** and recyclable parts means less waste in landfills.

High standards for low emissions: Lower CO₂ emissions contribute to cleaner air and a healthier environment.



CONDENSING TECHNOLOGY

The Rinnai Ultra Series

THE ULTIMATE IN EFFICIENCY.

Delivering our most energy-efficient performance, the Ultra Series features a condensing design with two heat exchangers to maximize heating value to enhance reliability and durability and reduce maintenance. The Ultra Series also offers our most hot water capacity per BTU, with the ability to support multiple, simultaneous hot water demands and more venting solutions right out of the box.

UNIQUE FEATURES OF ULTRA SERIES

- Energy Factor of up to .96
- Available in two sizes: 152,000 and 199,000 BTU
- Rinnai Ultra Series Tankless Water Heaters allow for either Concentric Polypropylene or PVC / CPVC venting, providing the most venting flexibility in a single application of any manufacturer.
- Recirculation: Circ-Logic provides optimal operation of an external recirculation pump utilizing a dedicated recirculation line.
- Easy maintenance is achieved with included isolation valves.



NON-CONDENSING TECHNOLOGY

The Rinnai Luxury Series

AWARD-WINNING PERFORMANCE.

The Luxury Series offers the highest output of our non-condensing line of tankless units with a sleek, modern design and a range of standard features and benefits to fully satisfy the demands of larger homes and light commercial applications.

UNIQUE FEATURES OF LUXURY SERIES

- Energy Factor of up to .82
- Available in three sizes: 180,000, 192,000 and 199,000 BTU.
- Recirculation: Circ-Logic provides optimal operation of an external recirculation pump utilizing a dedicated recirculation line.
- Enhanced scale detection.
- Easy maintenance is achieved with included isolation valves.

The Rinnai Value Series

CONFIDENCE MEETS AFFORDABILITY.

The Value Series is the perfect combination of comfort and value. These easy-to-install, compact units combine all the reliability you'd expect from Rinnai with performance that's ideal for medium- to smaller-sized new homes or remodels.

UNIQUE FEATURES OF VALUE SERIES

- Energy Factor of up to .82
- Available in three sizes: 120,000, 150,000, and 180,000 BTU.
- A practical alternative water heating choice to for homes with smaller demands.

* As based on the average cost to run an electric tank water heater per the DOE Average Energy Costs (www.doe.gov).

** Based on DOE ENERGY STAR® lifecycle estimates, tankless water heaters can last up to twice as long as traditional tank units.

THE RINNAI RH180 HYBRID TANK-TANKLESS WATER HEATER delivers more of what you want.

Enjoy hot water at the pace of your life.

With a busy life, you need every advantage you can get. Because the Rinnai RH180 Hybrid Tank-Tankless Water Heater replenishes its hot water supply much more quickly than a traditional tank water heater, it puts time on your side.

Imagine your entire family taking back-to-back showers and never running out of hot water!

Simplify your life.









The Rinnai RH180 Hybrid Tank-Tankless Water Heater makes life simpler by giving you more hot water to meet your daily hot water needs. Without even realizing it, many of us fall into a routine of planning our lives around hot water. Baths, showers, laundry and running the dishwasher become scheduled events based on hot water availability, instead of when we really want it.

Makes for a convenient way to get a fast upgrade.

It's not complicated to get the comfort you want. In fact, the Rinnai RH180 Hybrid Tank-Tankless Water Heater installs like a traditional tank-style water heater using a 1/2" gas line, standard water connections and 4" B-Vent, or can be common vented with a furnace.

In other words, it's an ideal upgrade opportunity that lets you enjoy increased hot water capacity without reconfiguring your setup. As a simple job your installer can do, it's perfect for both home remodeling and emergency replacement situations.

Water Heating Solutions - Clear Differences

				
	Fixtures/Appliances In Use	Available Hot Water	Replenish Entire Hot Water Supply	Ease of Installation
	1	21 MIN	88 MIN	STANDARD CONNECTION
ELECTRIC TANK WATER HEATER				
	1	18 MIN	36 MIN	STANDARD CONNECTION
GAS TANK WATER HEATER				
	1	CONTINUOUS	16 MIN	STANDARD CONNECTION
RINNAI RH180 HYBRID TANK-TANKLESS WATER HEATER				
	NUMEROUS	CONTINUOUS	INSTANT	SOME RETROFIT
RINNAI TANKLESS WATER HEATER				

Based on 50° F inlet supply water temperature, 40-gallon standard tank, single shower use (assumed to be 2.5 gpm mixed flow rate). Mixed temperature at showerheads to be 105° F. Appliance set point to be 120° F. Available hot water and replenished hot water supply based on industry calculation methods and Rinnai lab testing. Based on internal Rinnai testing, results may vary based on application.



HOW IT WORKS.

The Rinnai RH180 Hybrid Tank-Tankless Water Heater is a unique combination blending the benefits of advanced technology and simple supply; it pairs an innovative, on-demand tankless system with an ample 40-gallon storage tank. By design, the system has a large capacity of hot water as well as technology to help maintain and quickly replenish the hot water supply.

Here are the basics:

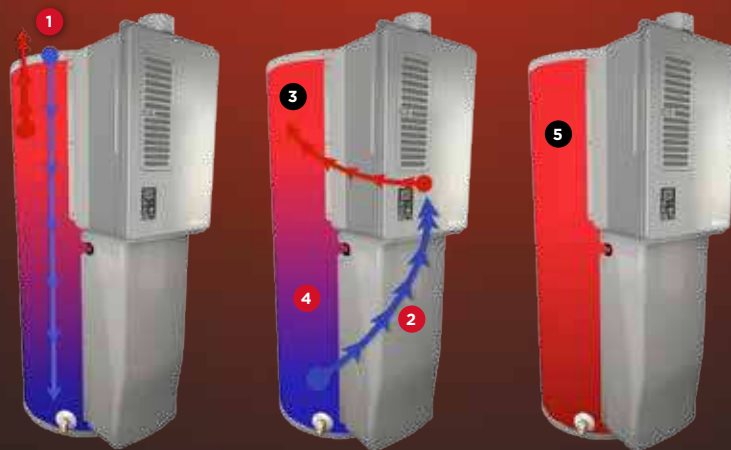
1. When a hot water fixture (shower, faucet, etc.) is turned on, heated water exits the system from the top of the tank. While hot water exits the top of the tank, cold water enters the system and is directed toward the bottom of the tank.
2. Automatically sensing a change in temperature, the system activates a pump that draws cooler water located at the bottom of the tank up and through the heating components of the tankless unit.
3. The heated water exits the tankless unit and is then directed toward the top of the tank.
4. While the fixture is on and cold water continues to be directed to the bottom of the tank, the tankless technology continually replenishes the system with hot water.
5. When the hot water fixture is turned off, cold water stops entering the tank, but the tankless unit continues replenishing hot water until the selected set temperature is satisfied.










Standard Hookups Make Installation Quick and Easy.

- A** Gas: 1/2" MNPT*
- B** 4" B-Vent
- C** Hot Water: 3/4" MNPT
- D** PRV: 3/4" FNPT

*As with all gas appliance applications, installers should check and abide by local gas-pipe size and national fuel gas codes.



model chart and specifications

	Ultra Series				Luxury Series			
								
Model	RUC98i	RU98e	RUC80i	RU80e	RL94i	RLX94i	RL94e	
Dimensions in Inches (w, h, d)	18.5 x 26 x 10	18.5 x 26 x 10	18.5 x 26 x 10	18.5 x 26 x 10	14 x 23 x 9	14 x 23 x 9	14 x 23 x 9	
Weight (lbs / kg)	61.7 / 28.0	61.7 / 28.0	61.7 / 28.0	61.7 / 28.0	46.3 / 21.0	46.3 / 21.0	43.7 / 19.8	
Installation Type	Indoor	Outdoor	Indoor	Outdoor	Indoor	Indoor	Outdoor	
Min./Max. BTU (natural gas)	15,200/199,000	15,200/199,000	15,200/152,000	15,200/152,000	10,300/199,000	10,300/192,000	10,300/199,000	
Min./Max. BTU (propane)	15,200/199,000	15,200/199,000	15,200/152,000	15,200/152,000	10,300/199,000	N/A	10,300/199,000	
Energy Factor	0.95	0.95	0.96	0.96	0.82	0.82	0.82	
Temp. Range Residential*	98°–140° F	98°–140° F	98°–140° F	98°–140° F	98°–140° F	98°–140° F	98°–140° F	
Temp. Range Commercial†	98°–185° F	98°–185° F	98°–185° F	98°–185° F	98°–185° F	98°–185° F	98°–185° F	
Min. Activation Rate	0.4 gpm	0.4 gpm	0.4 gpm	0.4 gpm	0.4 gpm	0.4 gpm	0.4 gpm	
Flow Rate (70° / 50° Temp. Rise)	5.5 / 7.7	5.5 / 7.7	4.2 / 5.9	4.2 / 5.9	4.8 / 6.7	4.8 / 6.4	4.8 / 6.7	
Hot Water Flow Rate Range	0.26–9.8 gpm	0.26–9.8 gpm	0.26–8.0 gpm	0.26–8.0 gpm	0.26–9.8 gpm	0.26–9.8 gpm	0.26–9.8 gpm	
Controller (standard)§	MC-91-2US	MC-91-2US	MC-91-2US	MC-91-2US	MC-91-2US	MC-91-2US	MC-91-2US	
Controllers (optional)§	MC-100-1, BC-100V-1, MCC-91-2 (for temperatures >140° F)				MC-100-1, BC-100V-1, MCC-91-2 (for temperatures >140° F)			
Ultra Low NOx	yes	yes	yes	yes	no	yes	yes	
Warranty (Residential)	Limited 12-year on heat exchanger, 5-year on parts, 1-year on labor (5-year optional on labor)				Limited 12-year on heat exchanger, 5-year on parts, 1-year on labor (5-year optional on labor)			
Warranty (Commercial)	Limited 5-year on heat exchanger, 5-year on parts, 1-year on labor (2-year optional on labor)				Limited 5-year on heat exchanger, 5-year on parts, 1-year on labor (2-year optional on labor)			
Circ-Logic Compat. (S/N)**	DB.BA-006175	DB.BA-006213	DB.BA-006201	DB.BA-006195	DB.CA-016788	N/A	DC.BA-013335	
Circ-Logic Compat. (P/N)***	REU-KB3237FFUD-US	REU-KB3237WD-US	REU-KB2530F-FUD-US	REU-KB2530WD-US	N/A	N/A	N/A	
Mobile Home Certified	yes	yes	yes	yes	yes	yes	yes	
Valves Shipped in Box	yes	yes	yes	yes	yes	yes	yes	
High Altitude Approved	Up to 10,200 ft.				Up to 10,200 ft.			
Certifications	AHRI, CSA, NSF, ENERGY STAR®				AHRI, UPC, CSA, NSF, ENERGY STAR®			
Venting Options	Concentric or PVC / CPVC	N/A	Concentric or PVC / CPVC	N/A	Concentric	Concentric	N/A	

* Can be selected by installer. Units come with a default maximum temperature of 120° F for increased safety and code compliance. An option to increase the maximum temp to 140° F is also available.

† To achieve temperatures over 140° F, an MCC-91 commercial controller must be purchased separately.

§ MC-91-2 controllers are backwards compatible with previous water heaters.









** Luxury Series Models (VC) – Circ-Logic availability beginning April 2012. VC models with serial numbers higher than those listed will ship with Circ-Logic installed. Lower serial numbers do not have Circ-Logic.

S/N = Serial Number

P/N = Part Number

*** Ultra Series Models (KB) – Circ-Logic availability beginning April 2012. KB models with serial numbers higher than those listed will ship with Circ-Logic installed. Lower serial numbers do not have Circ-Logic.

tions.

		Value Series					RH180
							
RL75i	RL75e	V75i	V75e	V65i	V65e	V53e	Hybrid Tank-Tankless
14 x 23 x 9	14 x 23 x 9	14 x 23 x 9	14 x 23 x 9	14 x 23 x 9	14 x 23 x 9	14 x 21 x 7	20w x 51.2h x 27.5d
45.6 / 20.7	44.3 / 20.1	46.3 / 21.0	44.3 / 20.1	45.6 / 20.7	43.7 / 19.8	34 / 15.4	168.5 / 68
Indoor	Outdoor	Indoor, Residential Only	Outdoor, Residential Only	Indoor, Residential Only	Outdoor, Residential Only	Outdoor, Residential Only	Indoor, Residential Only
10,300/180,000	10,300/180,000	10,300/180,000	10,300/180,000	10,300/150,000	10,300/150,000	19,000/120,000	59,500/91,300
10,300/180,000	10,300/180,000	10,300/180,000	10,300/180,000	10,300/150,000	10,300/150,000	20,200/120,000	47,600/87,300
0.82	0.82	0.82	0.82	0.82	0.82	0.82	80% Thermal Efficiency
98°–140° F	98°–140° F	98°–140° F	98°–140° F	98°–140° F	98°–140° F	120° F, 140° F	110° F - 140° F (5 set points)
98°–160° F	98°–160° F	Residential Only					Residential Only
0.4 gpm	0.4 gpm	0.4 gpm	0.4 gpm	0.4 gpm	0.4 gpm	0.6 gpm	N/A
4.3 / 6.0	4.3 / 6.0	4.3 / 6.0	4.3 / 6.0	3.6 / 5.0	3.6 / 5.0	2.8 / 4.0	0
0.26–7.5 gpm	0.26–7.5 gpm	0.26–7.5 gpm	0.26–7.5 gpm	0.26–6.5 gpm	0.26–6.5 gpm	0.6–5.3 gpm	First Hour Rating: 180 gph [‡]
MC-91-2US	MC-91-2US	MC-91-2US	MC-91-2US	MC-91-2US	MC-91-2US	Status Monitor	Integrated
temperatures >140° F)		MC-100-1, BC-100V-1				MC-91-2US	—
yes	yes	yes	yes	yes	yes	no	no
1-year on parts, 1-year on labor)		Limited 10-year on heat exchanger, 5-year on parts, 1-year on labor					HEX 10 yrs; tank 6 yrs; parts 3 yrs; labor 1 yr
1-year on parts, 1-year on labor)		Residential Only					Residential Only
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
U-VC2528FFUD-US (A)	REU-VC2528WD-US (A)	N/A	N/A	N/A	N/A	N/A	N/A
yes	yes	yes	yes	yes	yes	yes	—
yes	yes	no	no	no	no	no	N/A
		Up to 10,200 ft.					Up to 5,400 ft.
ENERGY STAR®		AHRI, UPC, CSA, NSF (Model V53e not NSF-certified), ENERGY STAR®					CSA
Concentric	N/A	Concentric	N/A	Concentric	N/A	N/A	4" UL Listed B-Vent

Note: RH180 electrical requirements: AC 120 Volts - 60 Hz, supplied with 6-foot plug-in power cord.

[‡]Based on DOE first hour test (IOCFR, Part 430).

Flexible Tankless Venting

A First in Both Concentric and PVC/CPVC Venting for Condensing Tankless Water Heaters On One Unit

The new RUC98i and RUC80i models of the Rinnai Ultra Series Tankless Water Heaters make it possible to use Concentric Polypropylene or PVC/CPVC right out of the box. The dual venting configuration on the top of the new RUC tankless water heaters allows for maximum flexibility for installers and dealers — one Concentric vent or two PVC/CPVC pipes can be used for venting.

As the number-one selling brand of tankless water heaters in North America, we still favor Concentric Polypropylene for its superior joint fit, no cure time, quick installation and reduced wall or roof penetrations, but as leaders in the industry, we understand that PVC/CPVC can sometimes be more readily available or preferred in some installations.

Rinnai is the only tankless water heater manufacturer to offer both Concentric and PVC/CPVC on the same unit, providing more venting options right out of the box — saving time, money and offering the best flexibility for faster installations in homes and businesses — from one project to the next.

Some of the dual pipe venting options that are now available with the RUC Tankless Water Heaters include:

- 3" or 4" PVC/CPVC*
- 3" Centrotherm InnoFlue Vent System (ULC-S636 listed)*
- IPEX Concentric and Low Profile Termination Kit*
- Snorkel and Tee Terminations*

* Reference Rinnai Tankless Water Heater Installation and Operation Manual for further information.



For concentric venting, installers simply remove and discard the exhaust adapter ring.



For PVC/CPVC configurations, the intake cap is removed and discarded. With this option, installers can use three- or four-inch PVC/CPVC pipe for the intake and exhaust.

ng Options

Optimized Concentric Venting for Non-Condensing Tankless Water Heaters

Rinnai Tankless Water Heaters were the first to use a unique Concentric Venting System, a single-vent assembly option featuring an inner tube for exhaust and an outer tube for fresh air from outdoors. The result is a direct-vent, sealed combustion system that offers optimum safety and performance.

Beyond performance, our concentric system option can make installation faster and easier with:

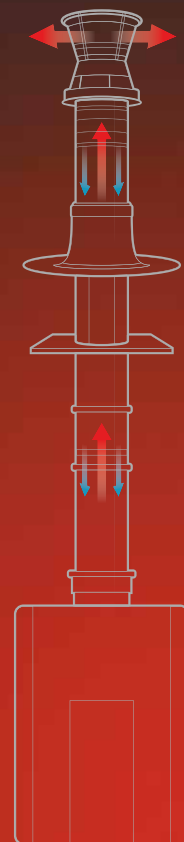
- Single penetration through the wall reducing install time and costs
- Simple positive-fit components for secure connection
- Joint seals that expand and contract with weather to prevent damage
- Ease of assembly, adjustment and disassembly

VENT TYPE	NATURAL GAS UNITS MAXIMUM EQUIVALENT VENT LENGTH	PROPANE UNITS MAXIMUM EQUIVALENT VENT LENGTH
Concentric PP	65 Feet*	41 Feet
Twin Pipe PP (Centrotherm)	41 Feet*	41 Feet

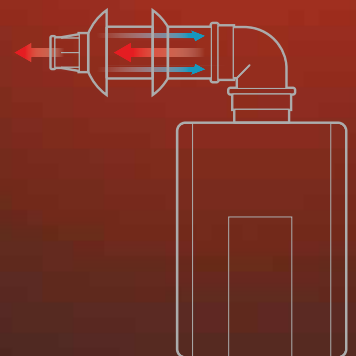
*Maximum equivalent vent lengths are specific to the fuel type of the tankless water heater. Use of elbows in installation will reduce the maximum vent length. It is imperative when performing equivalent vent length calculations, that you refer to the Installation Manual and any applicable technical bulletins.

VENT TYPE	NATURAL GAS UNITS MAXIMUM EQUIVALENT VENT LENGTH	PROPANE UNITS MAXIMUM EQUIVALENT VENT LENGTH
3" PVC/CPVC	65 Feet*	41 Feet
4" PVC/CPVC	100 Feet*	65 Feet

*Maximum equivalent vent lengths are specific to the fuel type of the tankless water heater. Use of elbows in installation will reduce the maximum vent length. It is imperative when performing equivalent vent length calculations, that you refer to the Installation Manual and any applicable technical bulletins.



Venting available in vertical and horizontal configurations. Concentric structure allows hot exhaust to exit through interior tube, while fresh air enters through the outer layer.



Recirculation Solutions

Rinnai recirculation solutions build on the already endless supply of hot water Rinnai Tankless Water Heaters provide—adding the convenience of faster hot water.

Rinnai Circ-Logic Technology comes standard on all Ultra and Luxury units, and can be used in combination with the following accessories to allow homeowners 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.

SOLUTION 1: GTK15 PUMP AND TIMER KIT

Allows homeowners to schedule multiple recirculation events throughout the day to align with usage patterns, such as getting ready in the morning.

SOLUTION 2: MC195T TIMER CONTROLLER AND PUMP

A stylish, wall-mountable digital control panel works seamlessly with Circ-Logic Technology and any properly sized pump. Multiple unique recirculation events can be programmed as well as an override function for homeowners to start recirculation outside of scheduled events.

SOLUTION 3: CIRC-LOGIC AND PUMP

For continuous recirculation without scheduled events, simply pair a Circ-Logic Tankless unit with a properly sized pump. Recirculation intervals can be set to comfort mode (shorter time intervals) or economy mode (longer time intervals). Recirculation deactivates once the water has reached set temperature.

SOLUTION 4: DEMAND RECIRCULATION

For homeowners without a dedicated return line, a Rinnai Tankless Water Heater paired with Demand Recirculation provides the convenience of on-demand hot water. Recirculation is activated when the homeowner pushes a button or crosses a motion sensor.

Feature	GTK15	MC195T & Pump	Pump Only with Circ-Logic Control	Demand System
Override	No	Yes	No	Yes
Changes WH Temp	No	Yes	No	No
Displays WH Codes	No	Yes	No	No
Dedicated Return	Yes	Yes	Yes	No
24-Hour Clock	Yes	Yes	No	No
Timed Events	Yes	Yes	No	No
# Timed Events	Multiple	Multiple	N/A	No
Ultra Tankless HEX Limited Warranty with Recirculation ^{1,2}	12 Years	12 Years	12 Years	12 Years
Luxury Tankless HEX Limited Warranty with Recirculation ³	3 Years	3 Years	3 Years	12 Years Residential ⁴

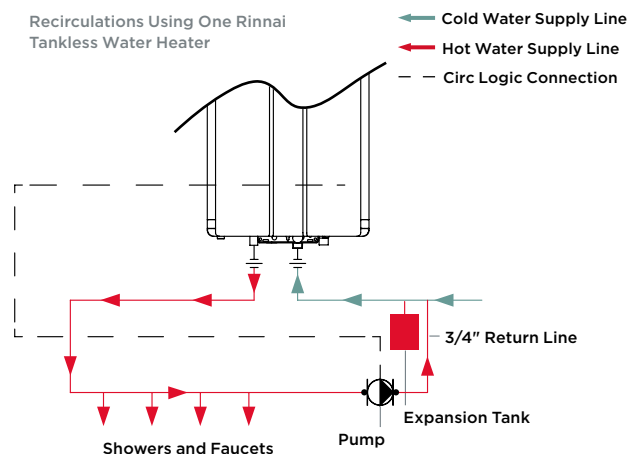
¹Period of coverage is reduced to 3 years from date of purchase when used as a recirculating water heater within a hot water recirculation loop, where the water heater is in series with a recirculation system and all recirculating water flows through the water heater, and where an aquastat/thermostat, timer, or an on-demand recirculation system is not incorporated.

²The Rinnai Limited Warranty for a heat exchanger used in a recirculation system which is controlled through an aquastat/thermostat, timer, or an on-demand system is 12 years for residential applications and 5 years for commercial applications.

³Period of coverage is reduced to 3 years from date of purchase when used as a circulating water heater within a hot water circulation loop, where the water heater is in series with a circulation system and all circulating water flows through the water heater, and where an on-demand recirculation system is not incorporated. On-demand recirculation is defined as a hot water recirculating loop or system that utilizes existing hot and cold lines or a dedicated return line, and only activates when hot water is used. It can be activated by a push-button, motion sensor, or voice activation but not by a temperature sensor. A timer added to a standard recirculating pump is not considered as on-demand.

⁴5 years for commercial applications.

See www.rinnai.us for standard limited warranty information.



Accessories

To further enhance the performance of Rinnai tankless water heating products, these accessories add even more flexibility.



Scale Cutter System

SCALECUTTER®		
Part Number	Description	Feed
103000038	ScaleCutter System 3/4" Feed	3/4"
103000039	Scale Cutter System Refill	3/4"



MC-91-2S

DIGITAL TEMPERATURE CONTROLLER			
Part Number	Description	Temp. Range	Color
MC-91-2S	Residential/Commercial Standard Digital Controller	98°-140°F	Silver
MC-91-2W	Residential/Commercial Standard Digital Controller	98°-140°F	White
MCC-91-2W	Commercial Controller	>140°F	White
MC-100V-1S	Deluxe Digital Controller with Clock and Call Feature	98°-140°F	Silver
MC-100V-1W	Deluxe Digital Controller with Clock and Call Feature	98°-140°F	White
BC-100V-1S	Bath Fill Digital Controller	98°-140°F	Silver
BC-100V-1W	Bath Fill Digital Controller	98°-140°F	White



BC-100V-1S



MC-100V-1S

ADDITIONAL ACCESSORIES		
Part Number	Description	Series
GTK15	Grundfos® Pump with Timer Kit for Rinnai Circ-Logic Enabled Units	Ultra/ Luxury
804000074	Condensate Neutralizer Kit for Condensing Tankless Models	Ultra
PC-20-W	Pipe Cover Enclosure for Model V53e	Value
PCD03-SM2	Pipe Cover Enclosure	Luxury
PCD07-SM	Pipe Cover Enclosure	Ultra
RGB-20U	Universal Tankless Recess Box for Model V53e	Value
RGB-25U-C	Universal Tankless Recess Box for Models RL94e, RL75e, V75e, V65e (VA, VB, VC)	Luxury/ Value
RGB-CTWH-2	Tankless Recess Box for Condensing Models	Ultra
REU-MSB-M	Multi-Unit Controller Master Unit	Ultra/ Luxury
REU-MSB-C1	Cable to Connect Ultra and Luxury Series Water Heaters	Ultra/ Luxury
REU-MSB-C2	Cable to Connect MSB-M Control Units	Ultra/ Luxury
REU-EZC-1US	EZConnect® Cable for Connecting 2 Units	All



Grundfos Pump with Timer Kit



Condensate Neutralizer Kit



Pipe Cover Enclosure

TERMINATION & TERMINATION KITS



NON-CONDENSING (LUXURY AND VALUE SERIES)					
Part Number	Image	Description	Length	Inner Exhaust Material	Outer Intake Material
223181	1	Universal Horizontal Termination Kit	11.5"	Aluminum	Plastic
223188	1	Universal Termination Metal Kit	12"	Aluminum	Metal
223182	1	Universal Horizontal Termination Kit	21"	Aluminum	Plastic
223187	2	Horizontal Termination Diverter Kit	21"	Aluminum	Plastic
223183	3	Universal Horizontal Termination	11.5"	Aluminum	Plastic
223184	3	Universal Horizontal Termination	21"	Aluminum	Plastic
184118-S	4	Roof Discharge Termination (above roof)	18"	Aluminum	Plastic
184127	4	Roof Discharge Termination (above roof)	18"	Aluminum	Metal
184119	5	Roof Discharge Termination (above roof); cold climate	38"	Aluminum	Plastic
224046	6	Raised Horizontal Termination Kit ("Snorkel")	—	Aluminum	Plastic

CONDENSING (ULTRA SERIES)					
Part Number	Image	Description	Length	Inner Exhaust Material	Outer Intake Material
223176PP	7	Condensing Horizontal Termination Kit	12"	PP	Plastic
223177PP	7	Condensing Horizontal Termination Kit	21"	PP	Plastic
223186PP	3	Condensing Horizontal Term Diverter Kit	19"	PP	Plastic
184162PP	8	Condensing Roof Discharge Termination Short (above)	38"	PP	Plastic
224047PP	6	Condensing Raised Horizontal Termination Kit ("Snorkel")	—	PP	Plastic

Termination Kits include elbow and rubber wall plate.

ELBOWS

NON-CONDENSING (LUXURY AND VALUE SERIES)				
Part Number	Image	Description	Inner Exhaust Material	Outer Intake Material
224050	9	45-Degree Elbow (Quantity of 2)	Aluminum	Plastic
224063	10	90-Degree Elbow	Aluminum	Plastic
224250	9	45-Degree Elbow (Quantity of 2)	Aluminum	Metal
224255	10	90-Degree Elbow	Aluminum	Metal

CONDENSING (ULTRA SERIES)				
Part Number	Image	Description	Inner Exhaust Material	Outer Intake Material
224077PP	9	45-Degree Elbow (Quantity of 2)	PP	Plastic
224078PP	10	90-Degree Elbow	PP	Plastic

VENT PIPE EXTENSIONS

NON-CONDENSING (LUXURY AND VALUE SERIES)

Part Number	Image	Description	Length	Inner Exhaust Material	Outer Intake Material
224051	11	Vent Pipe Extension	10"	Aluminum	Plastic
224052	11	Vent Pipe Extension	19.5"	Aluminum	Plastic
224053	11	Vent Pipe Extension	39"	Aluminum	Plastic
224054	12	Telescoping Vent Length	2"-12"	Aluminum	Metal
224275	12	Telescoping Vent Length	2"-12"	Aluminum	Plastic
224260	11	Vent Pipe Extension	10"	Aluminum	Metal
224265	11	Vent Pipe Extension	19.5"	Aluminum	Metal
224270	11	Vent Pipe Extension	39"	Aluminum	Metal



CONDENSING (ULTRA SERIES)

Part Number	Image	Description	Length	Inner Exhaust Material	Outer Intake Material
224087PP	11	Vent Pipe Extension	10"	PP	Plastic
224079PP	11	Vent Pipe Extension	19.5"	PP	Plastic
224080PP	11	Vent Pipe Extension	39"	PP	Plastic



ADDITIONAL

NON-CONDENSING (LUXURY AND VALUE SERIES)

Part Number	Image	Description	
222053	13	Condensate Trap	Suitable for use with plastic and metal components
224040	14	NSF Cover (for commercial applications)	



NON-CONDENSING & CONDENSING (ULTRA SERIES)

Part Number	Image	Description	
146141	15	Roof Flashing Assembly (flat roof)	Suitable for use with plastic and metal components
189950	16	Shingle Roof Flashing (1/12 to 6/12 pitch; plastic)	
189951	16	Shingle Roof Flashing (6/12 to 12/12 pitch; plastic)	
189952	16	Shingle Roof Flashing (8/12 to 16/12 pitch; plastic)	
50171949	17	Tile/Shingle Roof Flashing (1/12 to 6/12 pitch; metal)	
50171961	17	Tile/Shingle Roof Flashing (6/12 to 12/12 pitch; metal)	
50171954	17	Tile/Shingle Roof Flashing (8/12 to 16/12 pitch; metal)	
242141	18	Flashing for Metal Roof	
710342	19	Rubber Wall Plate (white)	
710602	19	Rubber Wall Plate (black)	
224045	20	Thimble (1 piece per box)	
169044	21	Pipe Clamp	
224097	22	Metal Pass Through Plate	
224042	23	Universal Bug Guard	



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