

Enjoy The Value Of An Amazingly Affordable  
**ENDLESS SUPPLY OF HOT WATER.**



VALUE SERIES TANKLESS WATER HEATERS

**Rinnai**<sup>®</sup>

# Our performance is proven.

**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 Rinnai Tankless Water Heaters, 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 durable, copper heat exchanger for unparalleled quality, durability and safety. And because of our compact design, our units offer substantial space savings in the home.

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](http://www.doe.gov)).

**RINNAI NON-CONDENSING VALUE SERIES... CONFIDENCE-BOOSTING RELIABILITY AT AN INVITING PRICE.**

The ability to help homeowners make life-enhancing upgrades is what Rinnai's Value Series Tankless Water Heaters are all about. Featuring non-condensing technology that harnesses a durable copper heat exchanger to optimize heat transfer, these dependable units are an affordable solution for those excited to make the jump from tank to tankless.

Living up to our promise on multiple levels, these units offer the energy efficiency sought after for sustainable living and energy savings while delivering lasting comfort at a price that's budget-friendly to the core. Their performance and hot water supply make them ideal for medium- to smaller-sized new homes or remodels, and an easy-to-install compact design completes the perfect fit.

Rinnai defined Value so you wouldn't have to compromise on quality.



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



## 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 non-condensing technology features copper 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, approximately 14" x 23" x 9" or smaller 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 tankless 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 CO<sub>2</sub> emissions contribute to cleaner air and a healthier environment.



## NON-CONDENSING TECHNOLOGY

## 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](http://www.doe.gov)).

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

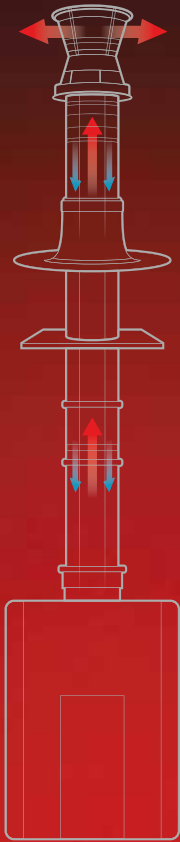
# Venting Options

## Optimized Concentric Venting for Non-Condensing Tankless Water Heaters

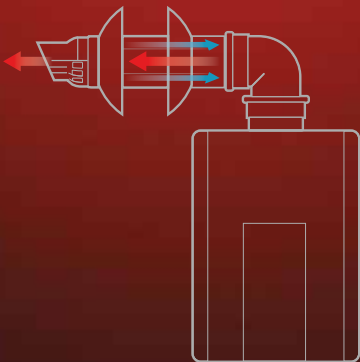
Rinnai Tankless Water Heaters were the first to use a unique Concentric Venting System, a single-vent assembly option featuring an inner tube for exhaust and an outer tube for fresh air from outdoors. The result is a direct-vent, sealed combustion system that offers optimum safety and performance.

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



*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.*



# Accessories

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



ScaleCutter System

SCALECUTTER®		
Part Number	Description	Feed
103000038	ScaleCutter System 3/4" Feed	3/4"
103000039	ScaleCutter 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
PC-20-W	Pipe Cover Enclosure for Model V53e
RGB-20U	Universal Tankless Recess Box for Model V53e
RGB-25U-C	Universal Tankless Recess Box for Models RL94e, RL75e, V75e, V65e (VA, VB, VC)
REU-EZC-1US	EZConnect® Cable for Connecting 2 Units



Pipe Cover Enclosure

# Venting Parts



## TERMINATION & TERMINATION KITS

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

## ELBOWS

Part Number	Image	Description	Inner Exhaust Material	Outer Intake Material
224050	7	45-Degree Elbow (Quantity of 2)	Aluminum	Plastic
224063	8	90-Degree Elbow	Aluminum	Plastic
224250	7	45-Degree Elbow (Quantity of 2)	Aluminum	Metal
224255	8	90-Degree Elbow	Aluminum	Metal

## VENT PIPE EXTENSIONS

Part Number	Image	Description	Length	Inner Exhaust Material	Outer Intake Material
224051	9	Vent Pipe Extension	10"	Aluminum	Plastic
224052	9	Vent Pipe Extension	19.5"	Aluminum	Plastic
224053	9	Vent Pipe Extension	39"	Aluminum	Plastic
224054	10	Telescoping Vent Length	2"-12"	Aluminum	Metal
224275	10	Telescoping Vent Length	2"-12"	Aluminum	Plastic
224260	9	Vent Pipe Extension	10"	Aluminum	Metal
224265	9	Vent Pipe Extension	19.5"	Aluminum	Metal
224270	9	Vent Pipe Extension	39"	Aluminum	Metal








ADDITIONAL			
Part Number	Image	Description	
222053	11	Condensate Trap	Suitable for use with plastic and metal components
146141	12	Roof Flashing Assembly (flat roof)	
189950	13	Shingle Roof Flashing (1/12 to 6/12 pitch; plastic)	
189951	13	Shingle Roof Flashing (6/12 to 12/12 pitch; plastic)	
189952	13	Shingle Roof Flashing (8/12 to 16/12 pitch; plastic)	
50171949	14	Tile/Shingle Roof Flashing (1/12 to 6/12 pitch; metal)	
50171961	14	Tile/Shingle Roof Flashing (6/12 to 12/12 pitch; metal)	
50171954	14	Tile/Shingle Roof Flashing (8/12 to 16/12 pitch; metal)	
242141	15	Flashing for Metal Roof	
710342	16	Rubber Wall Plate (white)	
710602	16	Rubber Wall Plate (black)	
224045	17	Thimble (1 piece per box)	
169044	18	Pipe Clamp	
224097	19	Metal Pass Through Plate	
224042	20	Universal Bug Guard	



## TANKLESS WATER HEATERS MODEL CHART

# Specifications

	Value Series				
					
<b>Model</b>	V75i	V75e	V65i	V65e	V53e
<b>Dimensions in Inches (w, h, d)</b>	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
<b>Weight (lbs / kg)</b>	46.3 / 21.0	44.3 / 20.1	45.6 / 20.7	43.7 / 19.8	34 / 15.4
<b>Installation Type</b>	Indoor, Residential Only	Outdoor, Residential Only	Indoor, Residential Only	Outdoor, Residential Only	Outdoor, Residential Only
<b>Min./Max. BTU (natural gas)</b>	10,300/180,000	10,300/180,000	10,300/150,000	10,300/150,000	19,000/120,000
<b>Min./Max. BTU (propane)</b>	10,300/180,000	10,300/180,000	10,300/150,000	10,300/150,000	20,200/120,000
<b>Energy Factor</b>	0.82	0.82	0.82	0.82	0.82
<b>Temp. Range Residential*</b>	98°–140° F	98°–140° F	98°–140° F	98°–140° F	120° F, 140° F
<b>Min. Activation Rate</b>	0.4 gpm	0.4 gpm	0.4 gpm	0.4 gpm	0.6 gpm
<b>Flow Rate (70° / 50° Temp. Rise)</b>	4.3 / 6.0	4.3 / 6.0	3.6 / 5.0	3.6 / 5.0	2.8 / 4.0
<b>Hot Water Flow Rate Range</b>	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
<b>Controller (standard)<sup>§</sup></b>	MC-91-2US	MC-91-2US	MC-91-2US	MC-91-2US	Status Monitor
<b>Controllers (optional)<sup>§</sup></b>	MC-100-1, BC-100V-1				MC-91-2US
<b>Ultra Low NOx</b>	yes	yes	yes	yes	no
<b>Warranty (Residential)</b>	Limited 10-year on heat exchanger, 5-year on parts, 1-year on labor				
<b>Mobile Home Certified</b>	yes	yes	yes	yes	yes
<b>Valves Shipped in Box</b>	no	no	no	no	no
<b>High Altitude Approved</b>	Up to 10,200 ft.				
<b>Certifications</b>	AHRI, CSA, NSF (Model V53e not NSF-certified), ENERGY STAR®				
<b>Venting Options</b>	Concentric	N/A	Concentric	N/A	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.

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

Don't just meet your hot water needs.  
**EXCEED THEM.**



V65e Tankless  
Water Heater

RL75i Tankless  
Water Heater

RH180 Hybrid  
Tank-Tankless  
Water Heater

RUR98i Tankless  
Water Heater

**With Rinnai's comprehensive line of Tankless and Hybrid Tank-Tankless Water Heaters, you'll satisfy all your customers' hot water needs. Here's how:**

#### **Rinnai Tankless Water Heaters**

- Provide the ultimate experience of comfort and convenience with an enjoyable, endless supply of hot water wherever and whenever your customers need it
- Save money through increased energy efficiency and a longer average life span\*
- Optimize space—with no tank necessary, a Rinnai uses less room due to its space-saving design
- Maximize commercial operations and cost savings with technologies that coordinate multiple units for exceptional water heating performance

#### **Rinnai Hybrid Tank-Tankless Water Heaters**

- Maximize your customers' time with more available hot water
- Replenish hot water quickly so your customers spend less time waiting
- Install quickly and easily with standard tank connections

To learn more about the #1 selling tankless in North America or our new innovative Hybrid Tank-Tankless Water Heater, visit us at [rinnai.us](http://rinnai.us)

\*Based on the DOE ENERGY STAR® life cycle estimates compared to traditional tank water heaters.

# A tradition of

**TRUE RELIABILITY.**

For nearly 100 years, we at Rinnai have been fiercely committed to delivering nothing less than a superior experience at every touch point.

Beyond manufacturing the highest quality products, our people stand behind all that we make—before, during and long after installation. From the 24/7/365 technical support for professionals, to our national network of independent installers for homeowners, to on-staff engineers who can assist with choosing the right products and sizes—we're inspiring confidence right along with the comfort our solutions provide.



Learn more about Rinnai high-performance Tankless Water Heaters, Hybrid Tank-Tankless Water Heaters, Boilers, Vent-Free Fan Convectors and EnergySaver® Direct Vent Wall Furnaces at [www.rinnai.us](http://www.rinnai.us)

## **Rinnai**

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