

Enjoy The Value Of An Amazingly Affordable

ENDLESS SUPPLY OF HOT WATER.



VALUE SERIES TANKLESS WATER HEATERS

Rinnai[®]

A close-up, artistic photograph of a glass heat exchanger, showing a series of parallel glass tubes with a metal mesh structure. The image is dominated by blue and white light, creating a sense of depth and technical precision.

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 design and engineering, Rinnai residential and commercial water heating and home heating solutions continually raise the standard in comfort, convenience and reliability. In fact, our commitment to building in quality at every level has made Rinnai Tankless Water Heaters the #1 selling tankless water heating brand in the U.S. and Canada.

Beyond manufacturing the highest quality tankless water heaters and home heating products, our people stand behind all that we make, before, during and long after installation. From 24/7/365 technical support for professionals, to our national network of independent installers, 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.

From products to services and everything in between, our dedication to delivering our absolute best never wavers.

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 multiple tasks at the same time.

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 copper heat exchanger for unparalleled quality, durability and safety. And their compact design offers substantial space savings in the home.

The flexibility and convenience of an endless supply of 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 (doe.gov).

Rinnai Tankless Solutions Give You **THE POWER TO LIVE BETTER.**



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



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 copper heat exchanger to optimize heat transfer, these dependable models are an affordable solution for those excited to make the jump from tank to tankless.

Living up to our promise on multiple levels, these models 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.

Tankless Wi-Fi ready 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. And with Wi-Fi connectivity, new and existing Rinnai Residential and Commercial Tankless Water Heaters can now be remotely monitored and controlled via smart devices, providing a never-before-available option for water heating management, control and maintenance of Rinnai Tankless Water Heaters.

Save money, splurge on performance.

Designed for efficiency: Rinnai's tankless technology features copper heat exchangers to provide maximum efficiency 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, increased energy efficiency, an improved Home Energy Rating System (HERS) Index Score and optimized LEED certification. 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" x 26" x 10" or smaller, these wall-mounted models can be installed on interior or exterior walls and in compact spaces 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 up to twice as long as 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.

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

** Based on DOE ENERGY STAR® lifecycle estimates.



NON-CONDENSING TECHNOLOGY

Value Series

CONFIDENCE MEETS AFFORDABILITY.

The Value Series is the perfect combination of comfort and value. These easy-to-install, compact models 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 sizes: 120,000, 150,000, 180,000, 192,000, and 199,000 BTU
- A practical alternative water heating choice for homes with smaller demands
- Wi-Fi Ready

Wi-Fi CONNECTIVITY by Rinnai



SMART JUST GOT EVEN SMARTER

Since the beginning, Rinnai has continued a tradition of creating innovative solutions that enhance the way people live. And with the introduction of Rinnai's wireless module and app for gas tankless water heaters, we're taking control and flexibility to a whole new level.

By adding Wi-Fi connectivity, new and existing Rinnai Residential and Commercial Tankless Water Heaters can now be remotely monitored and controlled via smart devices, providing a never-before-available option for management, control and maintenance of Rinnai Tankless Water Heaters.

The Wi-Fi module and app also allow Rinnai and Rinnai independent dealers to quickly and efficiently assist customers via remote diagnostics for managing system performance, ensuring maximum comfort and convenience.



- **Control and Monitoring:** Control your tankless water heater from a smartphone or tablet to turn the system on/off, change the water temperature, monitor status, and activate the recirculation system.
- **Remote Diagnostics and Maintenance:** Give technicians detailed system information via automatic alerts and remote diagnostic tools before ever leaving their place of business, leading to shorter maintenance and repair times.
- **Accessibility and Convenience:** Get instant access to technical bulletins, warranty claims, product registration, manuals, step-by-step repair guides and more!

FLEXIBLE TANKLESS INSTALLATION 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

Rinnai Makes Your 1/2" Gas Line an Option, Not an Obstacle.

If your tankless water heater installation calls for the use of 1/2" gas line, Rinnai has two words for you... no problem. Pick the gas line – and the Rinnai – that's right for you.‡

Rinnai Tankless Water Heaters are designed to always provide maximum performance and operating efficiency using either a 3/4" or 1/2" gas line, as long as sufficient gas flow is available.

RINNAI TANKLESS WATER HEATER MODELS	BTU	GAS LINE	
		1/2"	3/4"
		MAXIMUM EQUIVALENT LENGTH	
V53e	120,000	100' (30.4 m)	450' (137.2 m)
RUCS65i	130,000		350' (106.7m)
RUS65e		150,000	70' (21.34 m)
V65e	152,000		
V65i		160,000	60' (18.29 m)
RUC80i	180,000		
RU80e		192,000	40' (12.19 m)
RUCS75i	199,000		
RUS75e		199,000	40' (12.19 m)
RL75i	199,000		
RL75e		199,000	40' (12.19 m)
V75i	199,000		
V75e		199,000	40' (12.19 m)
RUC90i	199,000		
RU90e		199,000	40' (12.19 m)
V94Xi	199,000		
RLX94i		199,000	40' (12.19 m)
V94i	199,000		
V94e		199,000	40' (12.19 m)
RUC98i	199,000		
RU98e		199,000	40' (12.19 m)
RL94i	199,000		
RL94e		199,000	40' (12.19 m)
RUR98i	199,000		
RUR98e		199,000	40' (12.19 m)

Source: NFPA 54/ANSI Z223.1 National Fuel Gas Code.

‡For complete information on gas sizing for Rinnai Tankless Water Heaters, consult the Operation and Installation Manual.

Because an undersized gas line can stress a tankless system and potentially reduce its life span, Rinnai Tankless Water Heaters, unlike other tankless water heaters, are equipped with innovative technology that safely ceases operation if it detects inadequate gas flow in order to avoid compromising performance and efficiency.

The table to the left lists the maximum length for both 1/2" and 3/4" gas lines when paired with each of Rinnai's Tankless Water Heaters.

How To Properly Size Your Gas Line:

- Determine what type of gas is being utilized
- Determine the inlet pressure
- Determine the allowed pressure drop
- Determine what other types of gas appliances are sharing the gas line
- Determine the maximum loads expected on the whole system as stated in the National Fuel Gas Code



ACCESSORIES

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



MC-195T-US



BC-100V-1S



MC-100V-1S



MC-91-2S

DIGITAL TEMPERATURE CONTROLLER			
Part Number	Description	Temp. Range	Color
MC-91-2S	Residential/Commercial Standard Digital Controller	98°–140°F / 36°–60°C	Silver
MC-91-2W	Residential/Commercial Standard Digital Controller	98°–140°F / 36°–60°C	White
MCC-91-2W	Commercial Controller	>140°F / 60°C	White
MC-100V-1S	Deluxe Digital Controller with Clock and Call Feature	98°–140°F / 36°–60°C	Silver
MC-100V-1W	Deluxe Digital Controller with Clock and Call Feature	98°–140°F / 36°–60°C	White
BC-100V-1S	Bath Fill Digital Controller	98°–140°F / 36°–60°C	Silver
BC-100V-1W	Bath Fill Digital Controller	98°–140°F / 36°–60°C	White
MC-195T-US	24-Hour Digital Controller for Recirculation	98°–140°F / 36°–60°C	Silver/Black



ScaleCutter System

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



Pipe Cover Enclosure

ADDITIONAL ACCESSORIES	
Part Number	Description
PC-20-W	Pipe Cover Enclosure for Model V53e
PCD03-EWV	Pipe Cover Enclosure (Euro White)
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
RMW101	Wi-Fi Module

VENTING PARTS



TERMINATION & TERMINATION KITS

Part Number	Image	Description	Length	Inner Exhaust Material	Outer Intake Material
223181	1	Universal Horizontal Termination Kit	11.5" / 292.1 mm	Aluminum	Plastic
223188	1	Universal Termination Metal Kit	12" / 304.8 mm	Aluminum	Metal
223182	1	Universal Horizontal Termination Kit	21" / 533.4 mm	Aluminum	Plastic
223187	2	Horizontal Termination Diverter Kit	21" / 533.4 mm	Aluminum	Plastic
223183	3	Universal Horizontal Termination	11.5" / 292.1 mm	Aluminum	Plastic
223184	3	Universal Horizontal Termination	21" / 533.4 mm	Aluminum	Plastic
184118-S	4	Roof Discharge Termination (above roof)	18" / 457.2 mm	Aluminum	Plastic
184127	4	Roof Discharge Termination (above roof)	18" / 457.2 mm	Aluminum	Metal
184119	5	Roof Discharge Termination (above roof); cold climate	38" / 965.2 mm	Aluminum	Plastic
224046	6	Raised Horizontal Termination Kit ("Snorkel")	—	Aluminum	Plastic
185342	—	Roof Termination Extension Kit	—	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" / 254 mm	Aluminum	Plastic
224052	9	Vent Pipe Extension	19.5" / 495.3 mm	Aluminum	Plastic
224053	9	Vent Pipe Extension	39" / 990.6 mm	Aluminum	Plastic
224054	10	Telescoping Vent Length	2"-12" / 50.8-304.8 mm	Aluminum	Metal
224275	10	Telescoping Vent Length	2"-12" / 50.8-304.8 mm	Aluminum	Plastic
224260	9	Vent Pipe Extension	10" / 254 mm	Aluminum	Metal
224265	9	Vent Pipe Extension	19.5" / 495.3 mm	Aluminum	Metal
224270	9	Vent Pipe Extension	39" / 990.6 mm	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 AND SPECIFICATIONS.

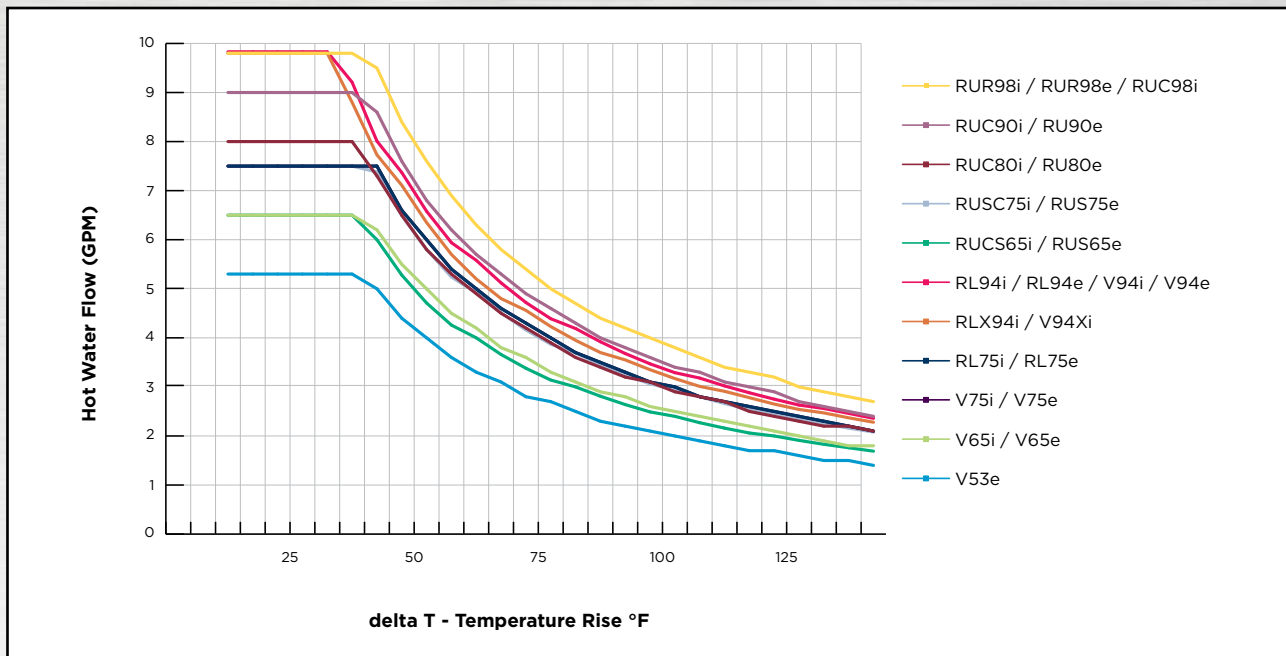
	Value Series							
								
Model	V94i	V94e	V94Xi	V75i	V75e	V65i	V65e	V53e
Dimensions - w, h, d Inches (mm)	14 x 23 x 9 (355.6 x 584.2 x 228.6)	14 x 23 x 9 (355.6 x 584.2 x 228.6)	14 x 23 x 9 (355.6 x 584.2 x 228.6)	14 x 23 x 9 (355.6 x 584.2 x 228.6)	14 x 23 x 9 (355.6 x 584.2 x 228.6)	14 x 23 x 9 (355.6 x 584.2 x 228.6)	14 x 23 x 9 (355.6 x 584.2 x 228.6)	14 x 21 x 7 (355.6 x 533.4 x 177.8)
Weight (lbs / kg)	46.3 / 21.0	44.3 / 20.1	46.3 / 21.0	45.6 / 20.7	43.6 / 19.8	45.6 / 20.7	44.6 / 19.8	34 / 15.4
Installation Type	Indoor	Outdoor	Indoor	Indoor	Outdoor	Indoor	Outdoor	Outdoor
Min./Max. BTU (natural gas)	10,300/199,000	10,300/199,000	10,300/192,000	10,300/180,000	10,300/180,000	10,300/150,000	10,300/150,000	19,000/120,000
Min./Max. BTU (propane)	10,300/199,000	10,300/199,000	N/A	10,300/180,000	10,300/180,000	10,300/150,000	10,300/150,000	20,200/120,000
Energy Factor	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
Temp. Range Residential	98°–140° F (37°–60° C)	98°–140° F (37°–60° C)	98°–140° F (37°–60° C)	98°–140° F (37°–60° C)	98°–140° F (37°–60° C)	98°–140° F (37°–60° C)	98°–140° F (37°–60° C)	120°–140° F (49°–60° C)
Temp. Range Commercial	Residential Only							
Min. Activation Rate	0.4 gpm (1.5 lpm)	0.4 gpm (1.5 lpm)	0.4 gpm (1.5 lpm)	0.4 gpm (1.5 lpm)	0.4 gpm (1.5 lpm)	0.4 gpm (1.5 lpm)	0.4 gpm (1.5 lpm)	0.6 gpm (2.3 lpm)
Flow Rate (70° / 50° Temp. Rise)	4.7 / 6.6 (17.8 / 25.0)	4.7 / 6.6 (17.8 / 25.0)	4.5 / 6.4 (17.03 / 24.2)	4.3 / 6.0 gpm (16.3 / 22.7 lpm)	4.3 / 6.0 gpm (16.3 / 22.7 lpm)	3.6 / 5.0 gpm (13.6 / 18.9 lpm)	3.6 / 5.0 gpm (13.6 / 18.9 lpm)	2.8 / 4.0 gpm (10.6 / 15.1 lpm)
Hot Water Flow Rate Range	0.26–9.8 gpm (0.98–37.1 lpm)	0.26–9.8 gpm (0.98–37.1 lpm)	0.26–9.8 gpm (0.98–37.1 lpm)	0.26–7.5 gpm (0.98–28.4 lpm)	0.26–7.5 gpm (0.98–28.4 lpm)	0.26–6.5 gpm (0.98–24.6 lpm)	0.26–6.5 gpm (0.98–24.6 lpm)	0.60–5.3 gpm (0.98–20.1 lpm)
Controller (standard)	MC-91-2US	MC-91-2US	MC-91-2US	MC-91-2US	MC-91-2US	MC-91-2US	MC-91-2US	Status Monitor
Controllers (optional)	MC-100-1, BC-100V-1		MC-100-1, BC-100V-1	MC-100-1, BC-100V-1				MC-91-2US
Ultra Low NOx	no	yes	yes	yes	yes	yes	yes	no
Warranty (Residential)*	Limited 10-year on heat exchanger, 5-year on parts, 1-year on labor							
Warranty (Commercial)*	Residential Only							
Mobile Home Certified	yes	yes	yes	yes	yes	yes	yes	yes
Valves Shipped in Box	no	no	no	no	no	no	no	no
High Altitude Approved	Up to 10,200 ft. (3,109 m)							
Certifications	AHRI and CSA							
Venting Options	Concentric	N/A	Concentric	Concentric	N/A	Concentric	N/A	N/A
TRS Compatible	no	no	no	no	no	no	no	no
½" Gas Line Compatible**	yes	yes	yes	yes	yes	yes	yes	yes
Wi-Fi Ready	yes	yes	yes	yes	yes	yes	yes	yes

* For complete information and details regarding Rinnai's warranty, visit rinnai.us.

** For complete information on gas sizing for Rinnai Tankless Water Heaters, consult the Operation and Installation Manual.

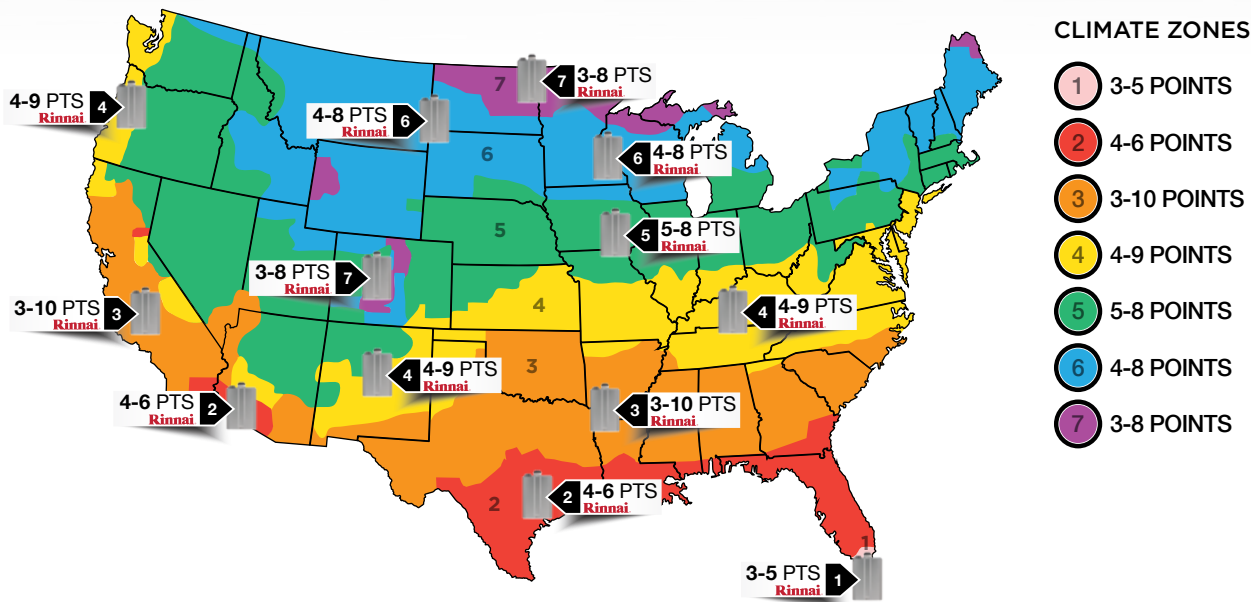
RINNAI TANKLESS WATER HEATERS FLOW CHART AND HERS DATA.

RINNAI TANKLESS WATER HEATERS HOT WATER FLOW CURVE



Tankless water heater output is based on delta T which is the difference between the incoming water temperature and the requested output temperature. This chart is used along with other factors to help size the Rinnai Tankless model for your application.

HERS SCORES IMPROVE WITH RINNAI TANKLESS WATER HEATERS



The Home Energy Rating System (HERS) Index is the industry standard by which a home's energy efficiency is measured. A lower HERS Index Score means a more energy efficient home, which means lower energy costs.

Data analysis conducted by independent third party HERS rater compares traditional electric and gas residential storage tank water heaters to Rinnai's Condensing and Non-Condensing Tankless Water Heaters. Consult and validate your specific application with a local HERS rater.

For more information specific to your zone or city, visit hersindex.com.

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.



Rinnai®

Learn more about Rinnai high-performance Tankless Water Heaters, Hybrid Water Heating Systems, Boilers, Vent-Free Fan Convectors and EnergySaver® Direct Vent Wall Furnaces at:

rinnai.us

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