

**Rinnai®**

# **RE • SERIES™**

## **Rinnai Efficiency Series**

The Most Advanced Non-Condensing Tankless Water Heater

**Featuring the REP Model, the First and Only  
Non-Condensing Tankless Water Heater with Built-in Recirculating Pump**



**Non-Condensing Tankless Water Heaters**

# RE • SERIES™

## Rinnai Efficiency Series

The Most Advanced Non-Condensing Tankless Water Heater

## The Most Advanced Non-Condensing Tankless Water Heater

For more than 100 years, Rinnai has set the standard for innovation. And now we're raising the bar again. A completely revamped line of advanced non-condensing tankless water heaters is unlike anything else on the market, delivering a level of installation ease, serviceability, reliability and usability never before seen. All with an eye toward helping you work smarter, faster, and more successfully. All from the **first major tankless brand assembled in the USA**, creating jobs, boosting our local economy and breaking new ground in tankless water heating.



**REP199e**

Outdoor Non-Condensing Tankless Water Heater with Built-in Recirculating Pump

**REP199i**

Indoor Non-Condensing Tankless Water Heater with Built-in Recirculating Pump



### Smart Design

Newly designed from the inside out, Rinnai's RE-Series™ makes tankless water heating even smarter. We made improvements with an eye to speeding installation, enhancing serviceability, and boosting your profitability.

- **Clean internal layout**, new wiring harness, and fewer fasteners make it easy to see and access components
- **Safety handle and seating bracket** for heat exchanger and combustion system protect components
- **LED screen** lets you set maintenance/service reminders, provides error codes, and alerts for lime scale flush
- **New sliding wall bracket** allows a single installer to hang and slide unit horizontally to align with venting before securing to drywall

Homeowners still enjoy a continuous supply of hot water, and you save time on installation, maintenance and service.

### Smart Technology

The new Rinnai RE-Series™ is the **first and only non-condensing tankless water heater** with features such as:

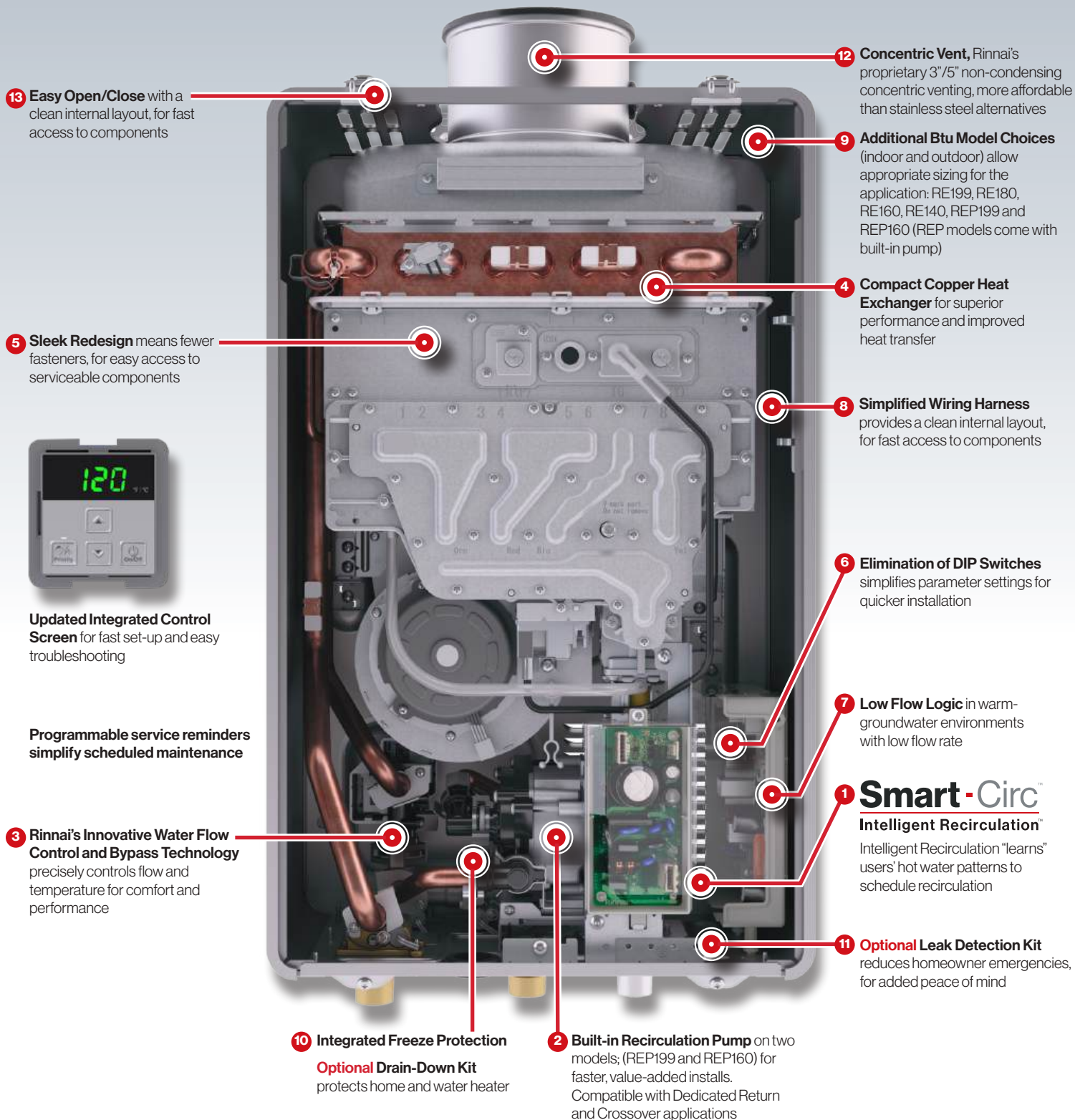
- **Built-in recirculation control** for faster and less expensive installation of recirculation equipment
- **Recirculation-ready models** available with a built-in pump, works with either a dedicated return line or cross-over valve
- **Smart-Circ™ Intelligent Recirculation™** that "learns" a user's hot water usage patterns over a seven-day period, to schedule the pump and tankless recirculation patterns
- **Tested and approved for use** with cleaner-burning hydrogen-enriched natural gas
- **Multimedia technical support** with so many smart features, it's never been easier for you to sell Rinnai non-condensing tankless water heating. And it's never been easier for your homeowners to manage their hot water.

Differentiate your business by offering superior Rinnai quality and warranty coverage.



# Look inside the RE•SERIES™

Below is the **REP Non-Condensing Model**, which features a built-in pump with **Smart-Circ™ Intelligent Recirculation™** technology.



## Lifestyle Comfort Options with RE•SERIES - Recirculation models (REP)

### 4a Recirculation Schedule Based on Usage Patterns

Smart-Circ™ Extraordinary Convenience Out of the Box

**Smart-Circ™** starts learning “users” hot water patterns from the first day and automatically schedules recirculation to provide hot water when they need it. Leverages last 7 days of hot water usage to continuously update hot water recirculation schedule. Users enjoy continuous hot water during regular demand periods, while saving energy and money.

**Smart-Circ™**  
Intelligent Recirculation™



#### DAY 1 - Learning Hot Water Usage Every Day



**You're all set!** Hot water will be ready for you based on the previous days' schedule.  
As hot water events are added throughout the week, scheduled recirculation adjusts accordingly.

#### DAYS 2 thru 7 - Hot Water Ready



### 4b Recirculation Schedule Based on User Control

Hot Water Recirculation Scheduling at Your Fingertips



After downloading the **Rinnai Central™** app and connecting to the **RWM200 Wireless Module** (sold separately), Homeowners can experience the ultimate in accessibility, convenience, and control:

- Activate recirculation schedule (pump-enabled models only)
- Adjust Water temperature
- Check real-time water heater status
- Receive maintenance alerts
- Activate vacation mode to save energy when away for extended periods

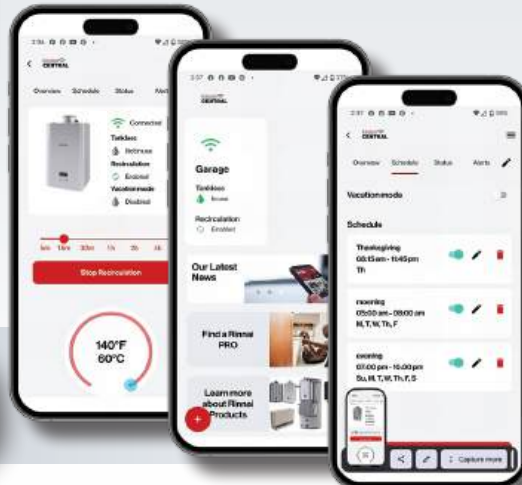


RWM200 Wireless Module

#### Smart Home Automation Smart Home Routines for Convenient Control

- Voice Activation with **amazon alexa**
- Adjust Water Temperature
- Turn on/off Recirculation
- Schedule Recirculation

- **Push Button** available for On-Demand Recirculation when paired with the RWM200 Wireless Module



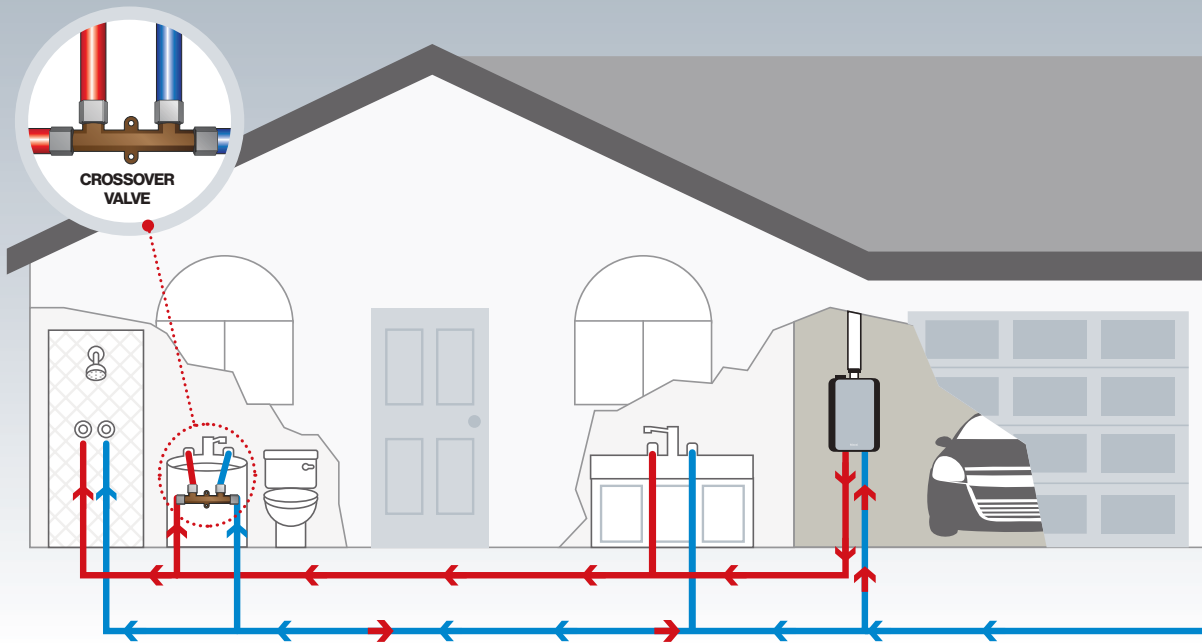
**Rinnai.**  
INDUSTRY FIRST



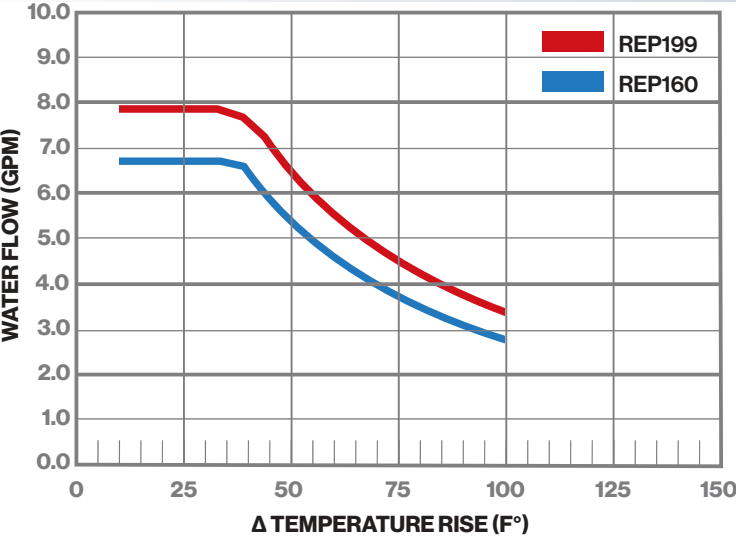
# RE • SERIES™

## How We Improved on a Legend

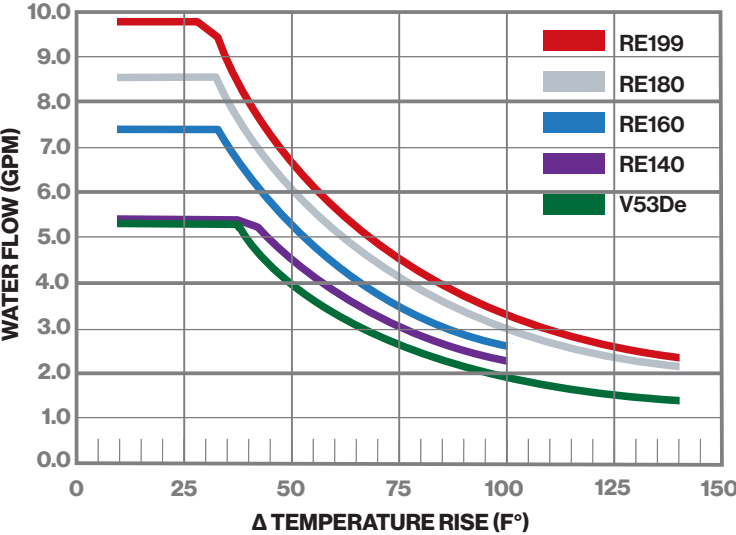
Regardless of the plumbing configuration, Rinnai can now provide faster hot water with select non-condensing tankless models featuring a built-in pump with recirculation technology.



NON-CONDENSING PUMP MODELS



NON-CONDENSING MODELS









FLOW RATE VS. DELTA Δ TABLE (INDOOR MODELS)

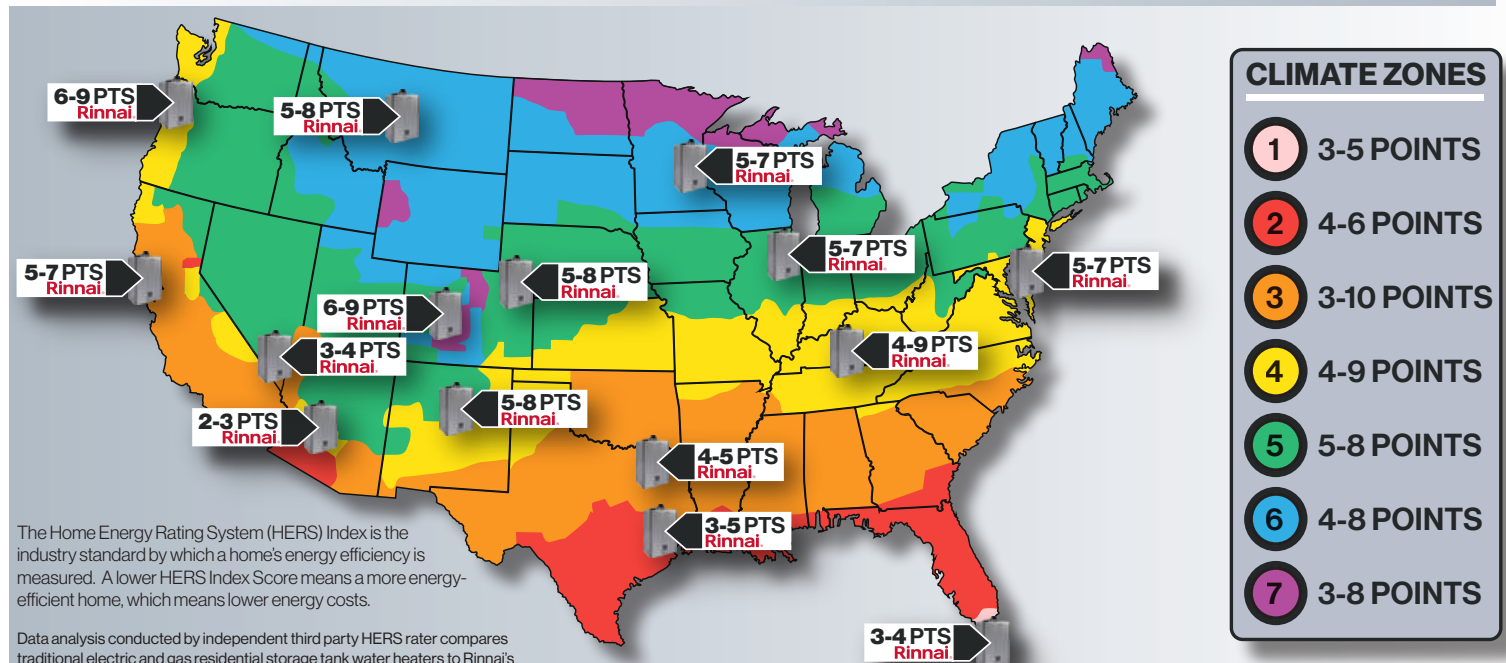
	RE199 / REP199	RE180	RE160 / REP160	RE140	V53De
Max. BTUH	199,000	180,000	160,000	140,000	120,000
Recovery Efficiency*	83%	83%	83%	83%	82%
Temperature Rise (°F)	GPM	GPM	GPM	GPM	GPM
140	2.4	2.1	1.9	1.7	1.4
135	2.4	2.2	2.0	1.7	1.5
130	2.5	2.3	2.0	1.8	1.5
125	2.6	2.4	2.1	1.9	1.6
120	2.8	2.5	2.2	1.9	1.6
115	2.9	2.6	2.3	2.0	1.7
110	3.0	2.7	2.4	2.1	1.8
105	3.1	2.8	2.5	2.2	1.9
100	3.3	3.0	2.7	2.3	2.0
95	3.5	3.1	2.8	2.4	2.1
90	3.7	3.3	3.0	2.6	2.2
85	3.9	3.5	3.1	2.7	2.3
80	4.1	3.7	3.3	2.9	2.5
75	4.4	4.0	3.5	3.1	2.6
70	4.7	4.3	3.8	3.3	2.8
67	4.9	4.5	4.0	3.5	3.0
65	5.1	4.6	4.1	3.6	3.3
60	5.5	5.0	4.4	3.9	3.6
55	6.0	5.4	4.8	4.2	3.9
50	6.6	6.0	5.3	4.6	4.4
45	7.3	6.6	5.9	5.2	4.9
40	8.3	7.5	6.6	5.3	5.3
35	9.4	8.5	7.4	5.3	5.3
30	9.7	8.5	7.4	5.3	5.3
25	9.7	8.5	7.4	5.3	5.3
20	9.7	8.5	7.4	5.3	5.3
15	9.7	8.5	7.4	5.3	5.3
10	9.7	8.5	7.4	5.3	5.3

\*Recovery Efficiency ratings per AHRI Directory.

# Non-Condensing Tankless Water Heater Series Reference Guide

	<b>RE • SERIES™</b> <b>NON-CONDENSING TECHNOLOGY</b>		
	<b>REP</b> (w/built-in pump)	<b>RE</b>	<b>V53De</b>
			
	REP MODELS	RE MODELS	V53DE
Uniform Energy Factor*	0.81 - 0.82	0.81 - 0.82	0.81
Wi-Fi Capable			
Available in Natural Gas or Propane	✓	✓	✓
Indoor and Outdoor models available	✓	✓	Outdoor Only
<b>Smart-Circ™</b> Intelligent Recirculation™	✓		
Isolation Valves included	✓		
Smart Home Automation**	✓	✓	

## HERS SCORES IMPROVE WITH RINNAI TANKLESS WATER HEATERS



For more information specific to your zone or city, visit [hersindex.com](http://hersindex.com).

# Tankless vs Tank

## Rinnai®

### High Hot Water Usage

Every year **American home owners spend \$300 to \$600**, on average, to heat water for bathing, washing & cleaning.

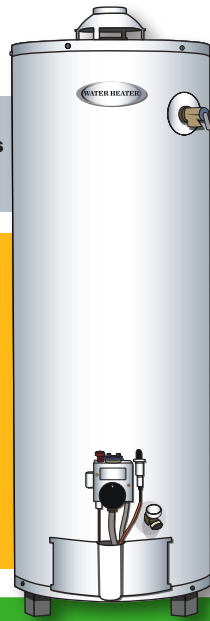
**Average Household Consumes 64 Gallons of Hot Water Per Day**  
(23,000 gallons per year)



**TANKLESS  
WATER  
HEATERS**  
Continuous  
hot water  
heater system

**VS**  
Over  
20 Years

**TANK  
WATER  
HEATERS**  
Traditional hot  
water storage  
tank system



**15 Years**  
on the Heat Exchanger  
**5 Years** on Parts  
**5 Years** on Labor\*  
\*Requires product to be registered  
within 90 days of installation or  
Labor Warranty defaults to 1-year.

### • EFFICIENCY •

Tankless water heaters are **much more energy efficient**; no hot water is stored.  
**24-34% more efficient than tank units.\***

Tank water heaters are **susceptible to standby heat loss**, and a continuously heated tank means water is heated all day long, 24/7, for **less efficiency**.

### • COST •

Tankless water heaters have **lower operational costs** and **last much longer than tank water heaters**, which can offset installation costs.

Tank water heaters may have a lower purchase price but are **more expensive to operate** since they must keep water heated 24/7.

### • LIFESPAN •

With proper maintenance, tankless water heaters can **last for 20+ years.\***

Traditional tank water heaters have a **lifespan of 10-15 years.\***

### • SIZE • SPACE •

Tankless water heaters are about the **size of a small suitcase**, they are wall mounted which makes for a great space saver.

Traditional tank water heaters **require much more area** for installation than tankless units potentially reducing net living or storage space.

### • BOTTOM LINE •

- Up to 34% more energy efficient\*
- Compact space saving design
- Longer lifespan
- Unlimited hot water capacity

- Heats water even when not being used
- Takes up valuable space
- Short lifespan
- 40-60 gallons per day

\* As based on the average operating costs, efficiency and lifespans of tankless vs. storage water heaters per the Department of Energy (energy.gov).

## Rinnai Technical Training Department

Rinnai offers many training options for PROs either online, in the field or at Rinnai's Peachtree City, Georgia corporate office. The training levels range from an introduction to tankless technology to advanced live technical training where you gain hands-on

experience in the installation and troubleshooting of Rinnai products.

For more information, contact your local Rinnai representative or enroll today at the Rinnai Online Training Center.

### Rinnai LMS Class Enrollment Guide

<https://bit.ly/42ITiaQ>



SCAN ME

### Rinnai LMS Class Schedules

<https://bit.ly/443HWcX>



SCAN ME

### Training Help

Email: [training@rinnai.us](mailto:training@rinnai.us)

## Be the PRO in the know

There are a lot of tankless myths out there being spread by people unfamiliar with the technology. Luckily, plenty of PROs know about these misconceptions and are here to tell the Tankless Truths.

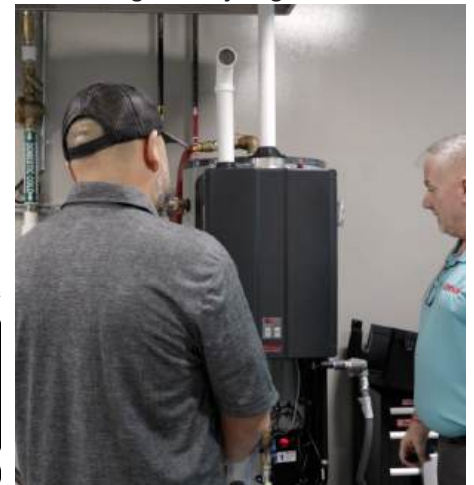
# Tankless TRUTHS

To learn about all the Tankless Truths, click on the link below or scan the Tankless Truths QR Code.

<https://www.rinnai.us/tanklesstruths>







SCAN ME



# MODEL CHART AND SPECIFICATIONS

## NON-CONDENSING TANKLESS WATER HEATERS

### NON-CONDENSING Tankless Water Heaters

				
	REP Units have a Built-In Recirculation Pump and Smart-Circ™ Intelligent Recirculation™			
Model	REP199i	REP199e	REP160i	REP160e
Cabinet Dimensions W x H x D In (mm)	14.05 x 27.28 x 10.77 in. (357 x 693 x 274 mm)	14.05 x 24.64 x 10.77 in. (357 x 626 x 274 mm)	14.05 x 27.28 x 10.77 in. (357 x 693 x 274 mm)	14.05 x 24.64 x 10.77 in. (357 x 626 x 274 mm)
Weight (lbs / kg)	50 lbs (22.7 kg)	50.2 lbs (22.8 kg)	47 lbs (21.3 kg)	46.7 lbs (21.2 kg)
Installation Type	Indoor	Outdoor	Indoor	Outdoor
Min./Max. BTU (Natural Gas)	10,400 / 199,000		10,400 / 160,000	
Min./Max. BTU (Propane)	10,400 / 199,000		10,400 / 160,000	
Uniform Energy Facr	0.82	0.81		
Temp. Range Residential	120°F-140°F (49°C-60°C)			
Min. Activation Rate***	0.26 GPM			
Hot Water Flow Rate Range	0.26-7.9 GPM (1.0-30 L/min)		0.26-6.6 GPM (1.0-25 L/min)	
Ultra Low NOx	Yes			
Warranty (Residential)*	Limited 15-year on heat exchanger, 5-year on parts, 1-year on labor Register within 90 days and receive an additional 4 years of Labor coverage for FREE (\$250 value)			
Warranty (Commercial)*	Limited 8-year on heat exchanger, 5-year on parts, 1-year on labor Register within 90 days and receive an additional 1 year of Labor coverage for FREE			
Mobile Home Certified	Yes			
Valves Shipped in Box	Yes			
High Altitude Approved	Up to 10,200 feet			
Certifications	AHRI and CSA			
Venting Options	Non-Condensing Concentric	N/A	Non-Condensing Concentric	N/A
Controller (Standard)	Built In			
Controllers (Optional)**	MC-601-BK, MC-601-W, MC-195T-US, control+™			
Wi-Fi Capable	Yes			

\* For complete information and details regarding Rinnai's warranty, visit [rinnai.us](http://rinnai.us).

\*\* To achieve temperatures over 140°F (60° C), an MCC-601 commercial controller must be purchased separately.

\*\*\* Temperature Dependent

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



# MODEL CHART AND SPECIFICATIONS

## NON-CONDENSING TANKLESS WATER HEATERS

### NON-CONDENSING Tankless Water Heaters



Model	RE199i	RE199e	RE180i	RE180e	RE160i	RE160e	RE140i	RE140e	V53De
Cabinet Dimensions W x H x D In (mm)	14.05 x 27.28 x 10.77 in. (357 x 693 x 274 mm)	14.05 x 24.64 x 10.77 in. (357 x 626 x 274 mm)	14.05 x 27.28 x 10.77 in. (357 x 693 x 274 mm)	14.05 x 24.64 x 10.77 in. (357 x 626 x 274 mm)	14.05 x 27.28 x 10.77 in. (357 x 693 x 274 mm)			14.05 x 24.64 x 10.77 in. (357 x 626 x 274 mm)	14.0 x 19.8 x 7.9 in. (356 x 503 x 202 mm)
Weight (lbs / kg)	42.1 lbs (19.1 kg)				38.5 lbs (17.5 kg)			42.1 lbs (19.1 kg)	29.7 lbs (13.5 kg)
Installation Type	Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor	Outdoor
Min./Max. BTU (Natural Gas)	10,400 / 199,000		10,400 / 180,000		10,400 / 160,000		10,400 / 140,000		15,500/120,000
Min./Max. BTU (Propane)	10,400 / 199,000		10,400 / 180,000		10,400 / 160,000		10,400 / 140,000		15,500/120,000
Uniform Energy Facr	0.82				0.81				0.81
Temp. Range Residential	98°F-140°F (37°C-60°C)				120°F-140°F (49°C-60°C)				115°F-140°F (46°C-60°C)
Min. Activation Rate***	0.26 GPM								0.4 GPM
Hot Water Flow Rate Range	0.13-9.8 GPM (0.5-37 L/min)		0.13-8.5 GPM (0.5-32 L/min)		0.26-6.6 GPM (1.0-25 L/min)		0.26-5.3 GPM (1.0-20 L/min)		0.4-5.3 GPM (1.5-20.0 L/min)
Ultra Low NOx	Yes								Yes
Warranty (Residential)*	Limited 15-year on heat exchanger, 5-year on parts, 1-year on labor Register within 90 days and receive an additional 4 years of Labor coverage for FREE (\$250 value)								Limited 10-year on heat exchanger, 5-year on parts, 1-year on labor
Warranty (Commercial)*	Limited 8-year on heat exchanger, 5-year on parts, 1-year on labor Register within 90 days and receive an additional 1 year of Labor coverage for FREE								No
Mobile Home Certified	Yes								Yes
Valves Shipped in Box	No								No
High Altitude Approved	Up to 10,200 feet								Up to 10,200 feet
Certifications	AHRI and CSA								CSA
Venting Options	Non-Condensing Concentric	N/A	Non-Condensing Concentric	N/A	Non-Condensing Concentric	N/A	Non-Condensing Concentric	N/A	N/A
Controller (Standard)	Built In								Built-In
Controllers (Optional)**	MC-601-BK, MC-601-W, MC-195T-US, MCC-601, control•r™								MC-601, MC-91-2US
Wi-Fi Capable	Yes								Yes

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

\*\* To achieve temperatures over 140° F (60° C), an MCC-601 commercial controller must be purchased separately.

\*\*\* Temperature Dependent

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

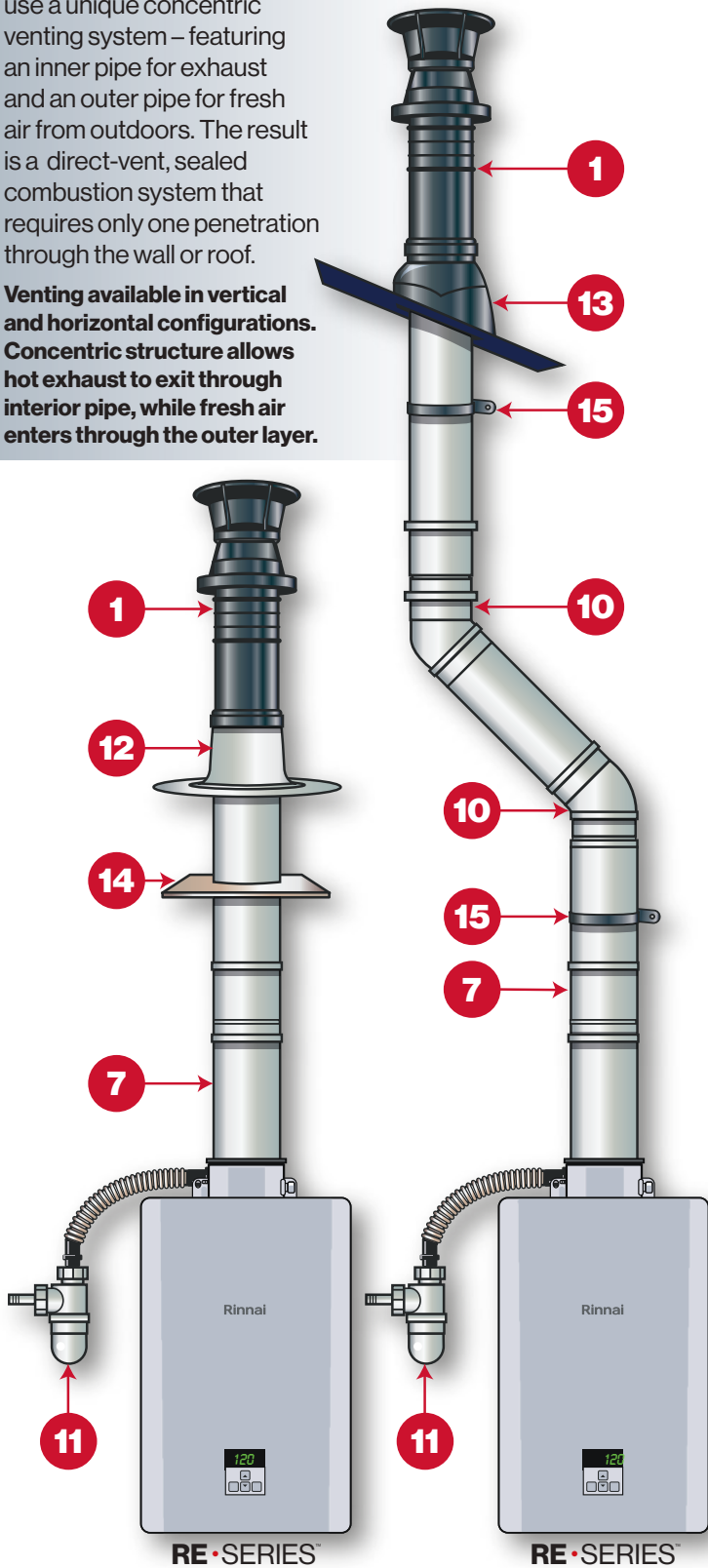
## Non-Condensing Venting Solutions

## Vertical Venting

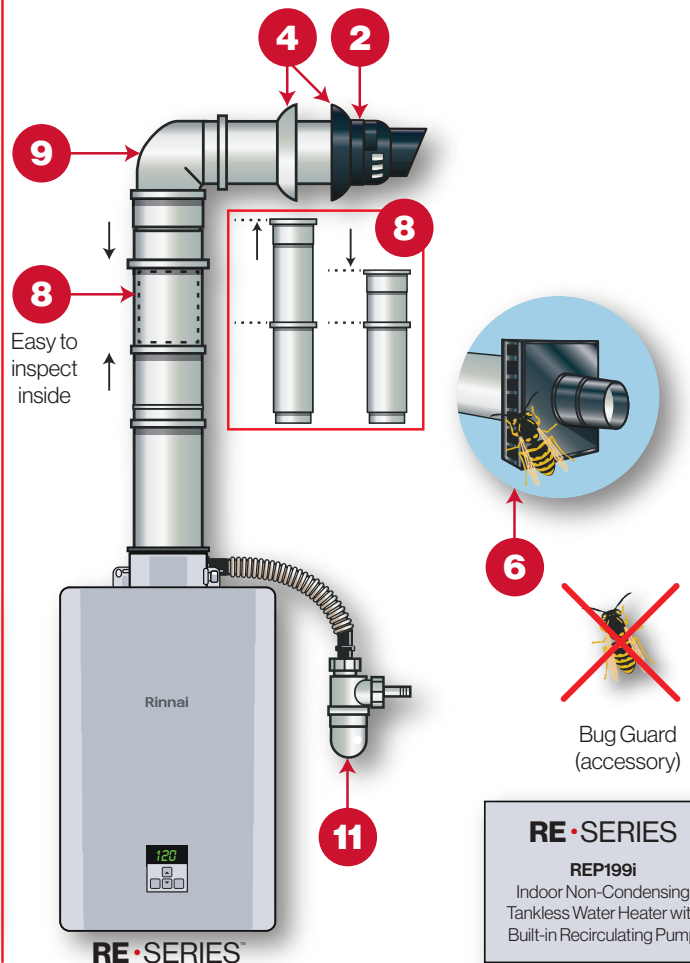
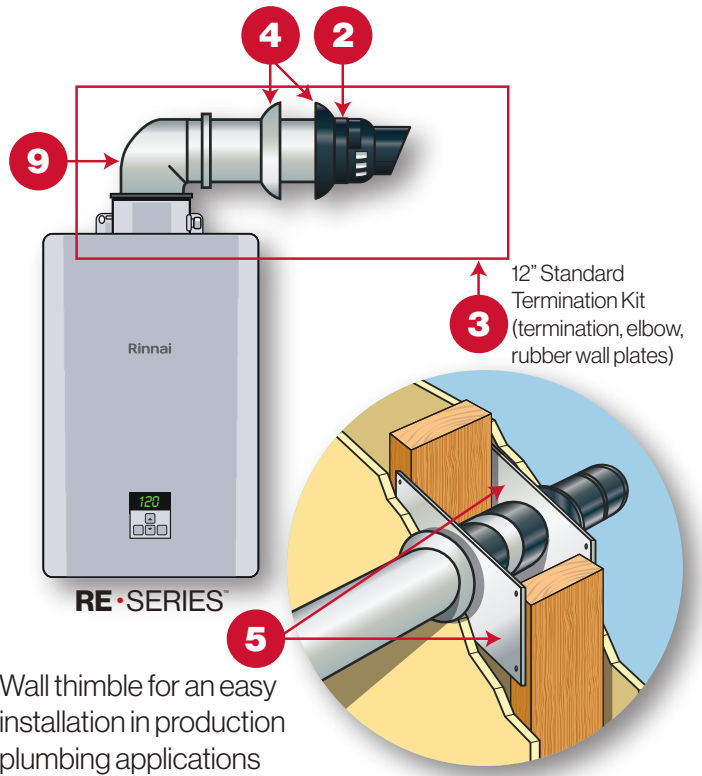
## Optimized Concentric Venting for Non-Condensing Models

Rinnai Tankless Water Heaters were the first to use a unique concentric venting system – featuring an inner pipe for exhaust and an outer pipe for fresh air from outdoors. The result is a direct-vent, sealed combustion system that requires only one penetration through the wall or roof.

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



## Horizontal Venting



**2 Standard Horizontal Termination**  
223183 - Plastic Outer Pipe / Metal Inner Pipe

**9 90 Degree Elbow**  
224063 - Plastic Outer Pipe / Metal Inner Pipe

Termination Kit (Termination, Elbow, Rubber Wall Plates)		Termination Only	
Length (L)	Part #	Length (L)	Part #
8.7"	223191		
11.5"	223181	11.5"	223183
21"	223182	21"	223184

Rubber Wall Plate  
710342 (White)  
710602 (Black)

**4**

**3** Complete Universal Non-Condensing Termination Kit



21" Non-Condensing Horizontal Termination Diverter Kit  
223187

## Plastic Vent Components

Plastic Outer Pipe / Metal Inner Pipe

**Roof Termination Extension Kit**  
185342

**1** Roof Discharge Termination  
18" 184118-S

**Condensate Collector**  
224069

**7** Vent Pipe Extension

Length (L)	Part #
10"	224051
19.5"	224052
39"	224053

**8** Telescoping Vent Length  
224054

**10** 45 Degree Elbow  
224050

**9** 90 Degree Elbow  
224063

**7**

**8**

**10** 45 Degree Elbow  
224050

**9** 90 Degree Elbow  
224063

### Raised Horizontal Termination Kit "Snorkel"

224046



Kit Includes:  
14.2" Vent Extension,  
Qty 3-90° Elbow,  
19.5" Vent Pipe Extension,  
Special Wall Terminal, Cover



Roof Flashing Assembly - Flat  
146141

## Metal Vent Components

Metal Outer Pipe / Metal Inner Pipe

**2 Standard Horizontal Termination Kit**  
223188 - Metal Outer Pipe / Metal Inner Pipe

**9 90 Degree Elbow**  
224255 - Metal

Rubber Wall Plate  
710342 (White)  
710602 (Black)

**4**

**3** Complete Universal Non-Condensing Termination Kit



Thimble Fits 2x4 or 2x6 Wall Construction  
224045



Pipe Clamp  
169044

**7**

**Condensate Collector**  
224245

**10** 45 Degree Elbow  
224250

**9** 90 Degree Elbow  
224255

**1** Roof Termination  
184127

**13**

**11** Condensate Trap  
222053



Polymer Rubber Roof Flashing Assembly  
189950 - 1/12 to 12/12 pitch  
189951 - 6/12 to 12/12  
189952 - 8/12 to 16/12 pitch



Flashing for Metal Roof  
242141



Universal Bug Guard  
224042



Vent Support Bracket  
224049



**14** Metal Pass Through Plate  
224097



Horizontal-Flashing Panel  
102000012



**11** Condensate Trap  
222053














NSF Cover  
224040

## 3"/5" Non-Condensing Concentric Vent System for RE•SERIES™, HE+•SERIES and HE•SERIES Tankless Water Heaters


Plastic Vent Components (Plastic Outer Pipe, Metal Inner Pipe)		
	Model Number	Product Description
	<b>223191</b>	8.7", 3"/5" Universal Non-Condensing Horizontal Termination Kit
	<b>223181</b>	11.5", 3"/5" Universal Non-Condensing Horizontal Termination Kit
	<b>223182</b>	21", 3"/5" Universal Non-Condensing Horizontal Termination Kit
	<b>223187</b>	21", 3"/5" Universal Non-Condensing Horizontal Diverter Termination Kit for Minimal Clearance
	<b>223183</b>	11.5", 3"/5" in Universal Non-Condensing Horizontal Termination
	<b>223184</b>	21", 3"/5" Universal Non-Condensing Horizontal Termination
	<b>224046</b>	3"/5" Non-Condensing Raised Horizontal Termination Kit ("Snorkel")
	<b>184118-S</b>	3"/5" Non-Condensing Roof Discharge Termination 18in. (above roof)
	<b>184119</b>	3"/5" Non-Condensing Roof Discharge Termination 38in. (above roof); Cold Climate
	<b>185342</b>	3"/5" Non-Condensing Roof Termination Extension Kit
	<b>224051</b>	10" 3"/5" Non-Condensing Vent Pipe Extension
	<b>224052</b>	19.5" 3"/5" Non-Condensing Vent Pipe Extension
	<b>224053</b>	39" 3"/5" Non-Condensing Vent Pipe Extension
	<b>224054</b>	3"/5" Non-Condensing Telescoping Extension
	<b>224063</b>	3"/5" Non-Condensing 90 Degree Elbow
	<b>224050</b>	3"/5" Non-Condensing 45 Degree Elbow (Qty of 2)
	<b>224069</b>	3"/5" Non-Condensing Vent Condensate Collector
	<b>222053</b>	Condensate Trap
	<b>223188</b>	12" 3"/5". Universal non-Condensing Horizontal Termination Metal Kit
	<b>184127</b>	3"/5" Non-Condensing Roof Discharge Termination 18 in. (above roof) (Metal)
	<b>224260</b>	10"" 3"/5" Non-Condensing Vent Pipe Extension (Metal)
	<b>224265</b>	19.5" 3"/5" Non-Condensing Vent Pipe Extension (Metal)
	<b>224270</b>	39" 3"/5" Non-Condensing Vent Pipe Extension (Metal)
	<b>224255</b>	3"/5" Non-Condensing 90 Degree Elbow (Metal)
	<b>224250</b>	3"/5" Non-Condensing 45 Degree Elbow (Metal)
	<b>224245</b>	3"/5" Non-Condensing Vent Condensate Collector (Metal)


















## Venting Components for RE•SERIES™, HE+•SERIES, and HE•SERIES Non-Condensing Tankless Water Heaters

Additional Venting Components for 3" / 5" Non-Condensing Vent System for RE•Series™, HE+•Series and HE•Series Tankless Water Heaters 3" / 5" Condensing Vent System for SE+, SE, I-SERIES and M-SERIES Condensing Boilers		
Roof Flashing	Model Number	Product Description
	<b>NEW</b> <b>189958</b>	Universal Shingle Roof Flashing 1/2 to 16/12 pitch
	<b>189950</b>	Shingle Roof Flashing, 1/12 to 6/12 pitch
	<b>189951</b>	Shingle Roof Flashing, 6/12 to 12/12 pitch
	<b>189952</b>	Shingle Roof Flashing, 8/12 to 16/12 pitch
	<b>50171949</b>	Tile/Shingle Roof Flashing, 1/12 to 6/12
	<b>50171954</b>	Tile/Shingle Flashing, 8/12 to 16/12
	<b>50171961</b>	Tile/Shingle Flashing, 6/12 to 12/12
	<b>242141</b>	Flashing for Metal Roof
	<b>146141</b>	Roof Flashing Assembly-Flat Roof
Other Accessories	Model Number	Product Description
	<b>224045</b>	3 in. / 5 in. Thimble (1 piece per box)
	<b>710342</b>	3 in. / 5 in. Rubber Wall Plate White
	<b>710602</b>	3 in. / 5 in. Rubber Wall Plate Black
	<b>224049</b>	3 in. / 5 in. Vent Support Bracket
	<b>102000012</b>	3 in. / 5 in. Horizontal Flashing Panel
	<b>169043</b>	3" / 5" Pipe Clamp - Metal
	<b>169044</b>	Pipe Clamp Universal-Plastic
	<b>224042</b>	Universal Bug Guard

## Accessories for Tankless Water Heaters

Pipe Enclosures		
	Product ID	Product Description
	<b>PCD09-SHS</b>	Pipe Cover (RE•SERIES™)
-	<b>109001311</b>	Bottom Plate For Pipe Cover (RE•SERIES™)
Gas Conversion Kits for RE•SERIES™ Models		
	<b>104000308</b>	Gas conversion: RE•SERIES 199/180 LP
	<b>104000309</b>	Gas conversion: RE•SERIES 199/180 NG
	<b>104000310</b>	Gas conversion: RE•SERIES 160/140 LP
	<b>104000311</b>	Gas conversion: RE•SERIES 199/180 NG
Recess Boxes		
	Product ID	Product Description
	<b>RGBRE</b>	Recess Box for NC Tankless (RE•SERIES™)
	<b>109001313</b>	RGB-25R2 RE Retrofit Door Kit
	<b>109001365</b>	RGB-25 RE Retrofit Door Kit
	<b>109001374</b>	RE Retrofit Door
Connection Cables		
	Product ID	Product Description
	<b>REU-EZC-2</b>	EZConnect™ (2 Units) (SE+/SE/HE+/HE)
	<b>REU-MSB-M</b>	Multi-Unit Control Kit (+2 Units) (MSB + Multi-Unit Cable) (RE/SE/HE+/HE)
	<b>REU-MSB-C2</b>	MSB Cable (+2 Units) (SE/HE+/HE)
	<b>REU-MSB-C1</b>	Multi-Unit Cable (+2 Units) (SE/HE+/HE)
	<b>REU-CSA-C1</b>	Cascade Harness, 3m (Commercial)
	<b>REU-CSA-C2</b>	Cascade Harness, 8m (Commercial)
Controllers		
	Product ID	Product Description
	<b>RWM101</b>	control•r® Wi-Fi Module
	<b>MC-195T-US</b>	Recirculation Timer & Temperature Controller
-	<b>MC-601-BK</b>	Controller MC-601, Black
	<b>MC-601-W</b>	Controller MC-601, White
	<b>MCC-601-W</b>	Commercial Controller, MCC-601, White

## Accessories for Tankless Water Heaters

Demand Recirculation Accessories		
	Product ID	Product Description List Price
	<b>GTK03U</b>	Pre-wired Recirculation Pump
	<b>105000250</b>	External Pump Harness
	<b>RWMPB02</b>	control•r® Wireless Push Button
	<b>RWMPB01</b>	control•r® Wireless Push Button (1PB)
	<b>RWMMS01</b>	control•r® Wireless Motion Sensor (1MS)
	<b>RWMTS01</b>	control•r® Temperature Sensor (1TS)
Other Accessories		
	Product ID	Product Description
	<b>MIVK-T-LW</b>	Isolation Valve Kit (excludes SENSEI™)
	<b>107000450</b>	Dedicated Return Valve
	<b>804000074</b>	Condensate Neutralizer Kit
	<b>809000114</b>	Condensate Neutralizer Refill
	<b>103000038</b>	ScaleCutter System
	<b>103000039</b>	ScaleCutter Refill Cartridge
	<b>REColdKit</b>	Cold weather kit for RE•SERIES™
	<b>RELeakKit</b>	Leak Detection Kit for RE•SERIES™ - Indoor
	<b>104000059</b>	Freeze Protection, Drain Down Kit (SE, HE, HE+)
	<b>104000285</b>	Freeze Protection, Drain Down Kit (SENSEI™)

# Proudly assembling Tankless Water Heaters at our state-of-the-art factory located in Griffin, Georgia, USA

Rinnai established its US operations in 1974 and introduced Tankless Water Heating to the North American Market in 1999.

In 2018 Rinnai assembled its first tankless water heater in the United States in Griffin, Georgia. Our state-of-the-art facility was completed in 2021 with assembly of the new RE•SERIES™ Non-Condensing Tankless Water Heaters beginning in 2022.

Rinnai continues to make significant investments in expanding its operations and product portfolio, focusing on its brand promise of **Creating a healthier way of living®**



**Rinnai America** in Griffin, Georgia, USA



**RE•SERIES™**  
Non-Condensing Tankless Water Heaters

## Over 100 Years of Smart Comfort

Through many years of innovation, including decades of commercial water heating experience, Rinnai has enhanced the way businesses operate, while creating a healthier way of living for their customers.

With headquarters in Japan and a network of 20 subsidiaries and 86 sales offices in 13 countries, this commitment has made us the number one selling brand of tankless water heater systems.

Dedicated to a smarter kind of comfort, our value-added products continue to stay in step with the demands of a changing world.



**Water Heating Solutions**



**Home Heating Solutions**



**Commercial Water Heating Solutions**

## Every. Detail. Matters.™

You don't become a market leader without thinking through every single detail. Then overthinking it. Then rethinking it. Every small detail matters. A lot. From flexible venting to customizable solutions and maximum ROI, we've thought through all the possible barriers and potential problems before they exist. Simply put, we're not just in the business of tankless water heaters. We're in the business of solving problems. That means we won't relax. Ever.

We just can't. We'll keep rethinking every single tiny detail, innovating, and improving our products, services, and programs.

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

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