

endless

comfort and performance



TANKLESS WATER HEATING SOLUTIONS FOR THE HOME

endless

supply of hot water and savings



The smart choice is the #1 choice

You can be confident in choosing to install Rinnai tankless technology in your home. Our commitment to quality has made us the #1 selling tankless water heating brand in North America. Your family deserves nothing less.

Having hot water whenever your family needs it shouldn't be a luxury

Put worrying about hot water out of your mind, because now your family can enjoy an endless supply of hot water. And you can enjoy it anywhere in your home. Two showers running at once? Not a problem. Laundry and dishes at the same time? Great idea. Thanks to our innovative technology, your family's comfort and convenience come first.



ABOUT THE
SIZE OF
A SMALL
SUITCASE

More space for you

Only the size of a small suitcase, our wall-mounted models can be installed in compact spaces in both indoor and outdoor locations. **They take up less space for heating, giving you back more space for living.**

Family-friendly, earth-friendly



Rinnai Tankless Water Heaters let us all live greener and cleaner. Our efficient and compact technology helps conserve natural resources, including water, while reducing waste in landfills. And with lower CO2 emissions, you can feel better about a smaller environmental footprint.

Save on energy while boosting your home's value



Welcome to ultimate efficiency. With technology that operates only when hot water is needed, super-efficient heating coils, no pilot light and no storage tank to heat and reheat water, you save on energy and utility costs. **In fact, Rinnai Tankless Water Heaters use up to 40 percent less energy* than a traditional tank water heater.** Plus, with premium technology, increased energy efficiency, an improved Home Energy Rating System (HERS) Index Score and optimized LEED eligibility, our tankless solutions can increase your home's value. You can even qualify for energy efficiency rebates and tax credits. **It's a smart investment for now and the future.**

*As based on the average cost to run an electric tank water heater per the Department of Energy (DOE) Average Energy Costs (doe.gov) 2017



TABLE OF CONTENTS

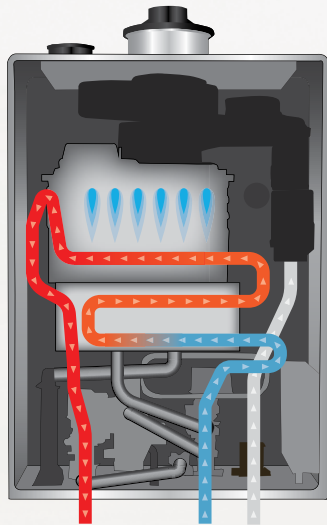
HOW IT WORKS.....	2
ON-DEMAND TECHNOLOGY	4
INNOVATION	6
REFERENCE GUIDE.....	8

Tankless vs. Tank

If you grew up in a home with lots of people taking showers and running appliances, you've probably experienced what it feels like when that big tank runs out of water. Not too fun, is it? So how can this box, about the size of a suitcase, mounted to your wall keep your showers hot and your tubs full?

SUPER-HIGH-EFFICIENCY PLUS TANKLESS

- Cold water enters inlet only when hot water is required
- The flame ignites and heats two heat exchangers, which heat the water
- Heated water exits outlet pipe to travel through pipes to where it is needed
- Heater will adjust flame and water flow output as needed to ensure a temperature set point is maintained
- When no more hot water is required, system shuts off until hot water is needed again



HOT WATER OUTLET COLD WATER INLET GAS INTAKE

(SENSEI™ Super High-Efficiency Model Show)

Rinnai's line of digital controllers allows you to set water temperature precisely for multiple locations in your home.



STANDARD TANK

- Large tank requires more installation space and management
- Water in tank is heated and reheated to maintain desired set temperature regardless of usage or demand
- Must wait on large reservoir to recover temp
- Product lifespan of a tankless unit is twice as long as that of a traditional tank*



*Based on DOE ENERGY STAR® lifecycle estimates

A closer look at the comparison

Seriously. When you consider the space savings, eco-efficiency and endless supply of hot water that come with tankless technology, there is no comparison. But when you look at the cost savings over the long run, well, it just keeps getting better. More comfort for less money? Talk about a no-brainer.

WATER HEATER ENERGY COST COMPARISON

TANK TECHNOLOGY	FUEL TYPE/ENERGY SOURCE	UEF (UNIFORM ENERGY FACTOR)	ANNUAL OPERATING COSTS*
STANDARD 50-GALLON GAS STORAGE TANK	NATURAL GAS	0.58	\$254
STANDARD 50-GALLON GAS STORAGE TANK	PROPANE	0.62	\$395
STANDARD 50-GALLON ELECTRIC STORAGE TANK	ELECTRICITY	0.98	\$578
TANKLESS TECHNOLOGY	FUEL TYPE/ENERGY SOURCE	UEF (UNIFORM ENERGY FACTOR)	ANNUAL OPERATING COSTS*
HIGH-EFFICIENCY NON-CONDENSING TANKLESS	NATURAL GAS	0.81	\$192
HIGH-EFFICIENCY NON-CONDENSING TANKLESS	PROPANE	0.81	\$280
SUPER-HIGH-EFFICIENCY CONDENSING TANKLESS	NATURAL GAS	0.93	\$169
SUPER-HIGH-EFFICIENCY CONDENSING TANKLESS	PROPANE	0.93	\$246

*As based on the average cost to run an electric tank water heater per the Department of Energy (DOE) Average Energy Costs (doe.gov) 2017, with an average of 64.3 gallons per day



Rinnai

"Alexa, tell Rinnai I want to take a bath."

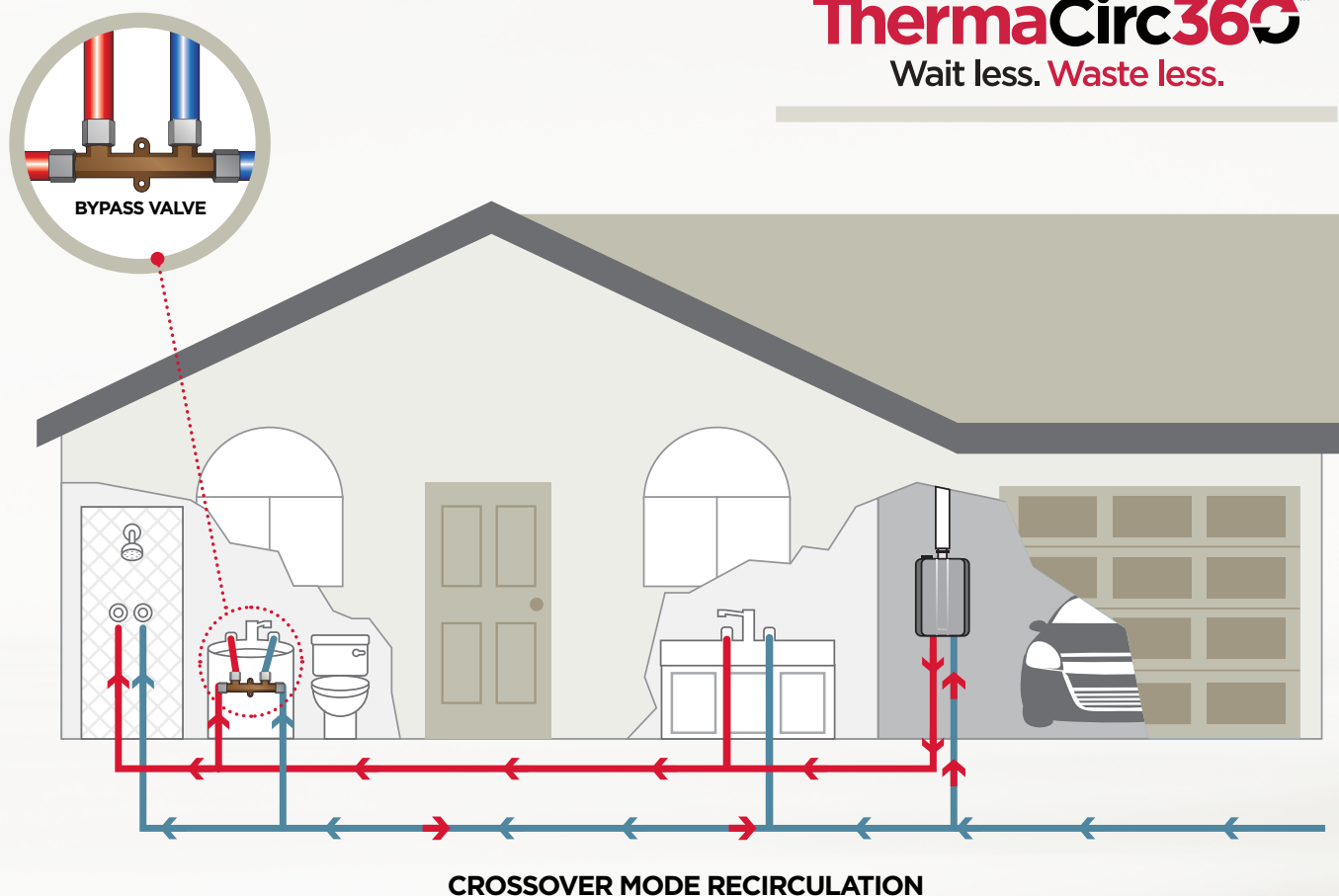
endless
and faster

The solution is **recirculation**

No more waiting for hot water. Rinnai can provide you with faster hot water wherever and whenever you need it. It does this by recirculating the water through your plumbing system, so it's always available in whatever part of the house you may need it. The best part is, Rinnai can offer this solution regardless of your current plumbing configuration.

Here's how it works

ThermaCirc360™
Wait less. Waste less.



Regardless of whether your existing plumbing system has a dedicated return line, you can enjoy faster hot water through recirculation.

With a dedicated return line, the integrated pump simply recirculates water from the tankless water heater through the line and back to the heater. If your home does not have a dedicated return line, Rinnai's SE+ Series featuring ThermaCirc360™ can offer faster hot water without the expense of adding an additional line. This technology allows for the simple installation of a thermal

bypass valve at the fixture farthest away from your water heater. Once installed properly, the unit temporarily uses your cold water line for recirculation. Now you can have your hot water faster, when you need it. Rinnai offers the option for you to either set your recirculation schedules according to high-demand times or for you to utilize on-demand recirculation through the use of push buttons and motion sensors.

endless

innovation

Hot water on your schedule

Ready for hot water? So is your system. Many Rinnai tankless models come standard with recirculation technology, a built-in feature that lets you activate recirculation during times of high hot water demand. Hot water is immediately available when you need it, without the expense of circulating it during times of inactivity.

Push button, motion sensor ability and voice activation

You can activate recirculation with push button technology or with motion sensors that detect when family members are present. Both connect to your system wirelessly to trigger recirculation only when you need it.



PUSH BUTTON



MOTION SENSOR

Now you're in control



Wi-Fi technology

Available as an added feature, the Rinnai Control-R™ wireless module and mobile app for Rinnai Tankless Water Heaters take control and flexibility to a new level. Now you can control your hot water from anywhere in the home.



**CONTROL-R™
MODULE ATTACHES
EASILY TO THE
RINNAI TANKLESS
WATER HEATER.**

With Wi-Fi connectivity, new and existing Rinnai Residential and Commercial Tankless Water Heaters (2006 and newer) can be remotely monitored and controlled via smart devices.

Voice activation

Rinnai America Corporation is the first tankless water heater manufacturer in the industry to introduce voice activation of a tankless water heating recirculation system with the use of a Control-R™ Wireless Module. The Rinnai Tankless Water Heaters that feature Circ-Logic or ThermaCirc360 are Alexa-enabled, you can just start recirculation with a simple voice command once paired with Amazon Alexa.

Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

CONTROL AND MONITORING

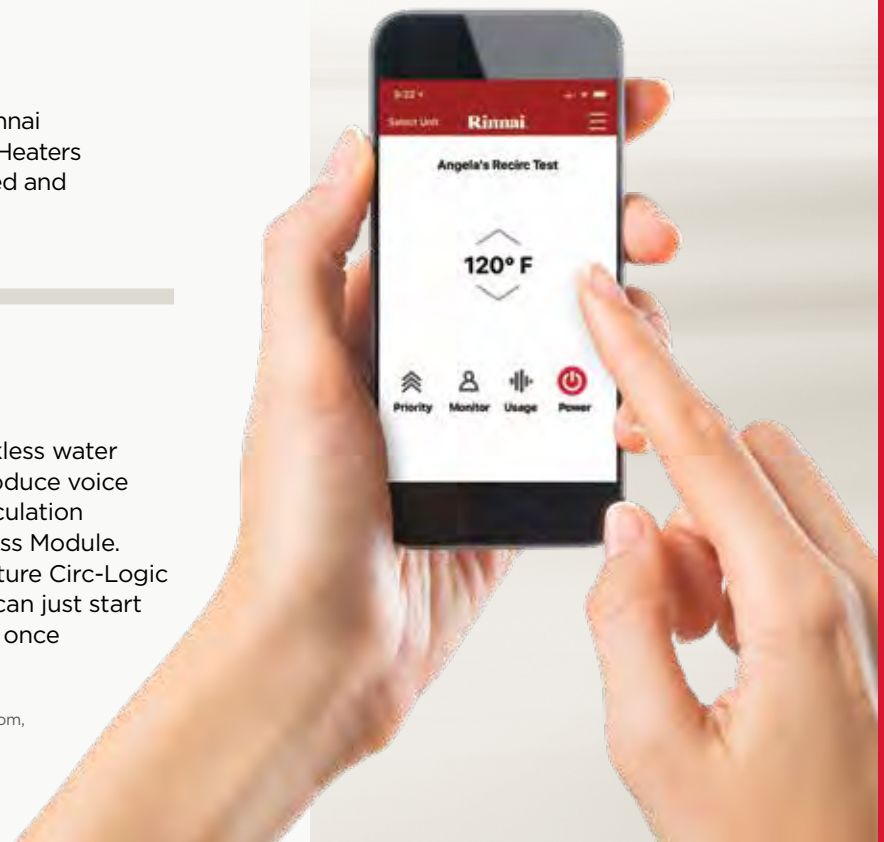
- Adjust temperature
- Register product via QR code or serial number

REMOTE DIAGNOSTICS AND MAINTENANCE

- Select a monitoring dealer
- Receive automatic maintenance alerts
- Enable monitoring dealer to manage system performance and provide faster service

ACCESSIBILITY AND CONVENIENCE

- Mobile on-demand recirculation
- Activate recirculation (if you have a recirculation system)



TANKLESS WATER HEATER SERIES REFERENCE GUIDE

HIGH-EFFICIENCY (NON-CONDENSING TECHNOLOGY)

HE Series



(V MODELS)

HE+ Series



(RL MODELS)

UNIFORM ENERGY FACTOR /
ENERGY FACTOR

0.81 / 0.82

0.81 / 0.82

WI-FI READY



AVAILABLE IN NATURAL GAS
OR PROPANE



INDOOR AND OUTDOOR
VERSIONS AVAILABLE



RECIRCULATION
SOLUTION MADE POSSIBLE
WITH CIRC-LOGIC™
TECHNOLOGY



ISOLATION VALVES



THERMACIRC360™ —
(RECIRC WITH OR WITHOUT
DEDICATED LINE)

ALEXA-ENABLED*



* Rinnai Tankless Water Heaters featuring recirculation are Alexa-enabled, you can just ask to start recirculation. Rinnai Control-R™ Wireless Module necessary. Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

SUPER-HIGH-EFFICIENCY (CONDENSING TECHNOLOGY)

SE Series

SENSEI™ SE+ Series



FEATURING
ThermaCirc360

(RUCS/RUS MODELS)

(RUC/RU MODELS)

(RUR MODELS)

0.90 / 0.93

0.92 / 0.92 - 0.96

0.92 / 0.95



100 years of smart comfort

For nearly 100 years, Rinnai has been fiercely committed to giving you a smarter kind of comfort. With headquarters in Japan and a network of 20 subsidiaries and 86 sales offices in 13 countries, this commitment has made us one of the world's largest gas appliance manufacturers. Our value-added products continue to stay in step with the demands of our changing world.



The highest standards of quality

- Rinnai employs 600 research and development engineers, all focused on uncompromising quality in design and manufacturing
- Advanced automation and precision assembly processes have made our manufacturing facilities an industry model for efficiency
- Every product undergoes a series of live testing before shipping
- Rinnai America is one of the few tankless water heater providers with its own state-of-the-art Canadian Standards Association (CSA) Certified Testing Laboratory, including CSA accredited lab technicians
- All our products have been approved by the CSA and adhere to the strict standards of the American National Standards Institute (ANSI)

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 | rinnai.ca



Rinnai America Corporation • 103 International Drive, Peachtree City, GA 30269
1-800-621-9419 • rinnai.us

©2018 Rinnai America Corporation. Rinnai America Corporation continually updates materials, and as such, content is subject to change without notice. Local, state, provincial, federal and national fuel gas codes must be adhered to prior to and upon installation.