## Water Heaters and Boilers

#### HEAT PUMP HELPER

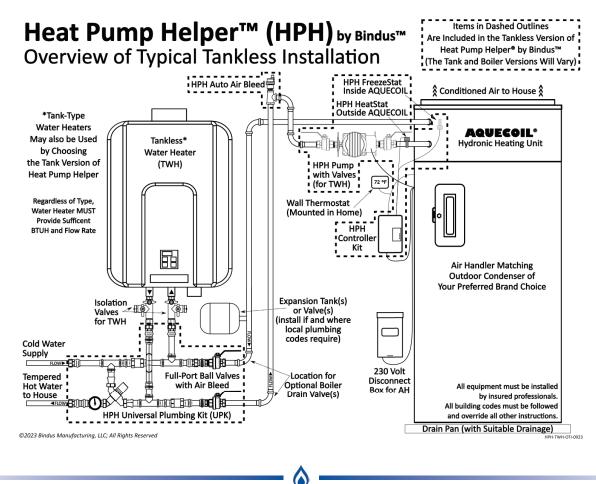
The Heat Pump Helper package allows propane marketers to capitalize on electric heat-pump installations and turn them into Propane-Powered households. This turnkey kit helps you upgrade the heat pump by changing out the hair dryer-style heat strips with a radiator coil that circulates hot water from the boiler, tankless, or tank-style water heater through your heating system for improved quality of heat. With the Heat Pump Helper, you can:

- Reduce electricity and overall utility costs for consumers
- Improve the quality and efficiency of your customers' home heating especially in cold weather
- Drive increased appliance sales through tankless water heater installations
- Penetrate new market segments that wouldn't otherwise utilize propane
- Promote propane as a clean energy source and improve the visibility of the industry

Each package includes:

- An Aquecoil Hydronic Heating Unit sized perfectly to fit your air handler
- A system installation kit matched to your water source consisting of:
  - A Universal Plumbing Kit
  - An Auto Air Bleed
  - A Pump and Controller as required by the application

Contact your RMI Customer Service to learn more about the Heat Pump Helper





SYSTEM INSTALL KITS

Non-stock/special order items are not cancellable or returnable

#### **Rinnai Water Heaters & Boilers**

# Rinnai

#### SENSEI RX SERIES CONDENSING TANKLESS WATER HEATERS

The SENSEI<sup>™</sup> RX Series condensing tankless water heater from Rinnai is only the size of a small suitcase, uses either Natural Gas or Propane, and can be installed indoors or outdoors using the Versa-Vent<sup>™</sup> accessory. Rinnai SENSEI RX Series tankless water heaters last up to twice as long as tanks and have twice the warranty length. Plus, they save energy by heating water only when it is needed.

- No conversion kit required Rinnai's Adaptive Gas Valve Technology adjusts to either Natural gas or Liquid Propane gas for optimal combustion
- All units are able to be installed indoors or outdoors with the vent cap Rinnai's Versa-Vent outdoor vent cap easily adapts to any RX Series model for outdoor installations
- No more DIP switches or manual settings The Smart Connect feature allows you to connect your smartphone or tablet to the RX series via Bluetooth. Use the Rinnai Central App for quick, simplified tankless water heater set-up & registration
- The new Quick-Flush feature provides a more efficient flushing procedure to make periodic preventative maintenance a simple task

#### **RINNAI RX CONDENSING TANKLESS**

Model #	Description	Max BTU	UEF	Max Flow Rate
RX130IN	Dual Fuel Indoor/Outdoor Condensing Tankless Water Heater	130,000	0.97	7.1 GPM
RX160IN	Dual Fuel Indoor/Outdoor Condensing Tankless Water Heater	160,000	0.97	9.0 GPM
RX180IN	Dual Fuel Indoor/Outdoor Condensing Tankless Water Heater	180,000	0.98	10.0 GPM
RX199IN	Dual Fuel Indoor/Outdoor Condensing Tankless Water Heater	199,000	0.98	11.1 GPM

\*Outdoor vent cap (RXOVC) required for exterior installation

\*\* Item# RX2RXPCK can be purchased to add recirculation to RX Models

#### RINNAI RXP CONDENSING TANKLESS

Model #	Description	Max BTU	UEF	Max Flow Rate
RXP160IN	Dual Fuel Indoor/Outdoor Recirculating Condensing Tankless Water Heater	160,000	0.97	9.0 GPM
RXP199IN	Dual Fuel Indoor/Outdoor Recirculating Condensing Tankless Water Heater	199,000	0.98	11.1 GPM

\*Outdoor vent cap (RXOVC) required for exterior installation



RX UNIT



**RX - INTERNAL** 

\*Outdoor vent cap (RXOVC) required for exterior installation



Featuring REP models with **Smart** - Circ

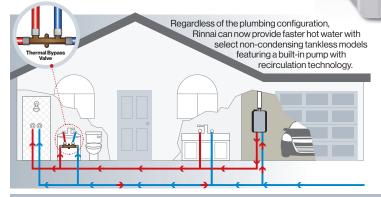
## Intelligent Recirculation

# Get Your Customers in Hot Water...Faster!

With Rinnai's breakthrough Smart-Circ Intelligent Recirculation you can offer your customers more value and greater lifestyle comfort.

## Turn any Plumbing System into a Recirc System

By installing the Thermal Bypass valve accessory, faster hot water can be enjoyed by your customers even without a dedicated return line.



## **Smart Design**

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

- **LED screen** lets you set maintenance/service reminders, provides error codes, and alerts for maintenance intervals
- **New sliding wall bracket** allows a single installer to hang and slide unit horizontally to align with venting before securing into position.
- **Safety handle and seating bracket** for heat exchanger and combustion system helps with serviceability

The First and Only Non-Condensing Unit with a Built-In Pump and Featuring Smart-Circ<sup>™</sup> Intelligent Recirculation<sup>™</sup>





Non-Condensing Tankless Water Heater with Built-in Recirculating Pump (interior)



# **Lifestyle Comfort**

After it learns "users" hot water patterns, Smart-Circ Intelligent Recirculation automatically schedules recirculation when needed.

Users enjoy immediate hot water during regular demand periods, while saving themselves time, energy, water and money!



Intelligent Recirculation

Scan the QR Code to watch the video and learn more about Smart-Circ<sup>™</sup> Intelligent Recirculation<sup>™</sup>



## Rinnai Water Heaters & Boilers

## RINNAI RE SERIES NON-CONDENSING TANKLESS WATER HEATERS

The Rinnai RE Series makes tankless water heating even smarter. Improvements have been made with an eye to speeding installation, enhancing serviceability, and boosting your profitability. Features include:

- Built-in recirculation control for faster and less expensive installation of recirculation equipment
- Recirculation-ready RE Models available with a built-in pump, works with either a dedicated return line or cross-over valve
   Smart-Circ™ REP Models Intelligent Recirculation that "learns" a user's hot water usage patterns over a seven-day period,

Rinnai

- to schedule the pump and tankless recirculation patterns
- Mobile Home Certified
- Ultra-Low Nox
- Standard Controller Built-In
- Residential Warranty Limited 15-year on heat exchanger, 5-year on parts, 1-year on labor
- Commercial Warranty Limited 8-year on heat exchanger, 5-year on parts, 1-year on labor

#### RINNAI RE NON-CONDENSING TANK

Interior Model #	Exterior Model #	Description	Gas Type	Max BTU	UEF	GPM
RE199IP	RE199EP	Tankless Water Heater, Recirculating-Ready, WI-FI Capable	LP	199,000	0.82	9.8 GPM
RE199IN	RE199EN	Tankless Water Heater, Recirculating-Ready, WI-FI Capable	NAT	199,000	0.82	9.8 GPM
RE180IP	RE180EP	Tankless Water Heater, Recirculating-Ready, WI-FI Capable	LP	180,000	0.82	8.5 GPM
RE180IN	RE180EN	Tankless Water Heater, Recirculating-Ready, WI-FI Capable	NAT	180,000	0.82	8.5 GPM
RE160IP	RE160EP	Tankless Water Heater, Recirculating-Ready, WI-FI Capable	LP	160,000	0.81	6.6 GPM
RE160IN	RE160EN	Tankless Water Heater, Recirculating-Ready, WI-FI Capable	NAT	160,000	0.81	6.6 GPM
RE140IP	RE140EP	Tankless Water Heater, Recirculating-Ready, WI-FI Capable	LP	140,000	0.81	5.3 GPM
RE140IN	RE140EN	Tankless Water Heater, Recirculating-Ready, WI-FI Capable	NAT	140,000	0.81	5.3 GPM

\* Item# HEPumpKitCR can be purchased to add recirculation to RE Models

#### RINNAI REP NON-CONDENSING TANK

Interior Model #	Exterior Model #	Description	Gas Type	Max BTU	UEF	GPM
REP199IP	REP199EP	Smart-Circ Intelligent Tankless Water Heater w/ Built-In Recirculation Pump, Valve Kit, WI-FI Ready	LP	199,000	0.82	7.9 GPM
REP199IN	REP199EN	Smart-Circ Intelligent Tankless Water Heater w/ Built-In Recirculation Pump, Valve Kit, WI-FI Ready			0.82	7.9 GPM
REP160IP REP160EP		Smart-Circ Intelligent Tankless Water Heater w/ Built-In Recirculation Pump, Valve Kit, WI-FI Ready	LP	160,000	0.81	6.6 GPM
REP160IN REP160EN		Smart-Circ Intelligent Tankless Water Heater w/ Built-In Recirculation Pump, Valve Kit, WI-FI Ready	NAT	160,000	0.81	6.6 GPM



#### **RE EXTERIOR MODEL**



**RE INTERIOR MODEL** 

#### GAS CONVERSION KITS

LP to NAT	NAT to LP	Unit
104000309	104000308	RE180/RE199
104000311	104000310	RE140/RE160

## **RINNAI V SERIES NON-CONDENSING TANKLESS WATER HEATER**

The V Series tankless is cheapest most cost effective tankless that Rinnai offers. It is a very basic system with a limited amount of bells and whistles. This is a Non-Condensing tankless so it is around 80% efficient at heating water.

- Compact Design to Save Space
- Standard Digital Controller and Error Code Indicator On Unit
- EZConnect (allows for the connection of two units together for future upgrades)
- Wi-Fi Technology for Remote Monitoring and Management
- 12-year Warranty on Heat Exchanger, 5-year parts, 1-year labor for Residential

Model #	Description	Gas Type	Installation	Max BTU	UEF	GPM
V53DEP	Value Series High-Efficiency Compact Tankless Water Heater	LP	Exterior	120,000	0.81	5.3 GPM
V53DEN	Value Series High-Efficiency Compact Tankless Water Heater	NAT	Exterior	120,000	0.81	5.3 GPM



V53DE

# Non-stock/special order items are not cancellable or returnable

Shop online at www.raymurray.com or call 800-628-5044

## **RUS & RUCS SERIES CONDENSING TANKLESS WATER HEATERS**

RUS/RUCS series models offer the highest output of condensing line of tankless units. You can expect sleek, modern design and a range of features and benefits to fully satisfy the hot water demands of larger homes.

Rinnai

- Energy Star Certified
- Enhanced Control-R 2.0 Mobile App features timers and schedules throughout the day and even allows you to remotely put the system into vacation mode
- Smart Home Voice Activation with Amazon Alexa integration
- Multiple venting options available including PVC/CPVC using the Ubbink Concentric to Twin Pipe adaptor allow for an easy installation
- Residential Warranty 12-years Heat Exchanger, 5-years parts and components, 1-year labor

Model #	Gas Type	Installation	Max BTU	UEF	GPM
RUCS75IP	LP	Interior	160,000	0.90	7.5 GPM
RUCS75IN	NAT	Interior	160,000	0.90	7.5 GPM
RUS75EP	LP	Exterior	160,000	0.89	7.5 GPM
RUS75EN	NAT	Exterior	160,000	0.89	7.5 GPM
RUCS65IP	LP	Interior	130,000	0.85	6.5 GPM
RUCS65IN	NAT	Interior	130,000	0.85	6.5 GPM
RUS65EP	LP	Exterior	130,000	0.86	6.5 GPM
RUS65EN	NAT	Exterior	130,000	0.86	6.5 GPM

GAS CONVERSION KITS						
LP to NAT	NAT to LP	Unit				
103000059	103000063	RUCS75I				
103000060	103000064	RUS75E				

103000065

103000066

RUCS65I

RUS65E

103000061

103000062





RUS

### CX SERIES COMMERCIAL CONDENSING TANKLESS WATER HEATERS

Designed with the technician in mind, Rinnai's CX series offers simplified installation, decreased setup time, and increased performance, efficiency, and sustainability. Units are dual fuel and can be installed indoors or outdoors. Features include:

- Rinnai's Adaptive Gas Valve Technology adjusts to either Natural gas or Liquid Propane gas for optimal combustion *no* conversion kit required
- Rinnai's Versa-Vent outdoor vent cap easily adapts to any RX Series model for outdoor installations all units are able to be installed indoors or outdoors with the vent cap
- The Smart Connect feature allows you to connect your smartphone or tablet to the RX series via Bluetooth. Use the Rinnai Central App for quick, simplified tankless water heater set-up & registration *no more DIP switches or manual settings*
- The new Quick-Flush feature provides a more efficient flushing procedure to make periodic preventative maintenance a simple task

#### \*\*\*\* Contact RMI Customer Service for details on Rinnai's other commercial solutions, including the Hybrid DemandDuo H-Series, DemandDuo R-Series, and Wall-Mounted and Free-Standing Rack Systems

#### CX SERIES

Model #	Description	Max BTU	UEF	Max Flow Rate
CX160IN	Dual Fuel Indoor/Outdoor Commercial Condensing Tankless Water Heater	160,000	0.97	9 GPM
CX199IN	Dual Fuel Indoor/Outdoor Commercial Condensing Tankless Water Heater	199,000	0.98	11 GPM

\*Outdoor vent cap (RXOVC) required for exterior installation

\*\* Item# RX2RXPCK can be purchased to add recirculation to CX Models

#### CXP SERIES

	Model #	Description	Max BTU	UEF	Max Flow Rate	
0	CXP160IN	Dual Fuel Indoor/Outdoor Recirculating Commercial Condensing Tankless Water Heater	160,000	0.97	11 GPM	
(	CXP199IN	Dual Fuel Indoor/Outdoor Recirculating Commercial Condensing Tankless Water Heater	199,000	0.97	11 GPM	

CX SERIES







# Rinnai Water Heaters & Boilers Rinnai

## **RINNAI I-SERIES CONDENSING GAS BOILERS**

The I-Series boilers feature Rinnai's exclusive self-cleaning stainless-steel heat exchanger coupled with a secondary flat plate heat exchanger. The combi models can deliver whole-house heating and simultaneous domestic hot water. Fueled with either Natural Gas or Propane, this Rinnai condensing gas boiler has obtained one of the highest AFUEs (Annual Fuel Utilization Efficiency) in the industry. Plus, the compact wall-mounted design saves space over traditional boilers.

#### HEAT/HOT WATER COMBINATION UNITS

Model #	Gas Type	Description	Max BTU	Max Flow Rate
1060CN	NAT	I-Series, 4.1GPM,60,000Btu's Heat/160,000 Btu's Hot Water Condensing Combi-Boiler	60,000	7.9 GPM
1090CN	NAT	I-Series, 4.1GPM,90,000Btu's Heat/160,000 Btu's Hot Water Condensing Combi-Boiler	90,000	7.9 GPM
1120CN	NAT	I-Series, 5.1GPM,120,000Btu's Heat/199,000 Btu's Hot Water Condensing Combi-Boiler	120,000	9.8 GPM

\* All Models made for NG - LP Conversion Kits Sold Separately

#### HEAT ONLY UNITS

Model #	Gas Type	Description	Max BTU
1060SN	NAT	I-Series, 60,000Btu's Condensing Boiler	60,000
1090SN	NAT	I-Series, 90,000Btu's Condensing Boiler	90,000
1120SN	NAT	I-Series, 120,000Btu's Condensing Boiler	120,000
1150SN	NAT	I-Series, 150,000Btu's Condensing Boiler	150,000

\* All Models made for NG - LP Conversion Kits Sold Separately

#### ACCESSORIES

RMI Part No.	Description
807000212	I-SERIES Combi Primary Secondary Heating Kit
807000213	I-SERIES Solo Primary Secondary Heating Kit
808000025	Air Intake Filter
809000024	Boiler Tool Kit
804000118	I-SERIES Boiler Tool Kit A
804000119	I-SERIES Boiler Tool Kit B
RTBRACKA	Boiler & Tankless Floor Standing Rack, Standard Height
RTBRACKS	Boiler & Tankless Floor Standing Rack, Low Profile
RTBRACKEXT	Rack Extension Kit, Add-On

#### GAS CONVERSION

LP to NAT	NAT to LP	Description
803000040	803000040	I-Series Conversion Kit (All Models)



**I SERIES BOILER** 

## HEATING & HVAC Water Heaters & Boilers



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Shop online at www.raymurray.com or call 800-628-5044

## Rinnai Water Heaters & Boilers



### ACCESSORIES



PCD07-EW



R-UPS350A



REU-EZC-2



RGB-CTWH-3



**RWM101** 



			Series								
RMI Part No.	Description	RX	RXP	RUS	RUCS	RE	REP	v	сх	СХР	
	Controllers										
RWM101	Control*r Wi-Fi Module			Х	Х	Х	Х	Х			
RWM200	Wireless Module	Х	Х						Х	Х	
MC-195T-US	Recirculation Timer and Temperature Controller	Х	Х			Х	Х				
MC-601-BK*	Controller MC-601, Black	Х	Х			Х	Х				
MC-601-W*	Controller MC-601, White	Х	Х			Х	Х				
MCC-601-W*	Commerical Controller, MCC-601, White								Х	Х	
	Demand Recirculat	ion	ļ.	ļ.				1	1	1	
RX2RXPCK	Internal Add-On Recirculating Pump Conversion Kit	Х							Х		
105000250	External Pump Wire Harness					Х	Х				
RPB200	Recirculation Push Button	Х	Х						Х	Х	
RWMPB02	Control*r Wireless Push Button						Х				
RWMPB01	Control*r Wireless Push Button (1PB)					Х	X				
RWMMS01	Control*r Wireless Motion Sensor (1MS)					X	X				
RWMTS01	Control*r Temperature Sensor (ITS)					X	X				
RWMKT01	Control*r Wireless Demand Recirculation Kit (Module, 1PB)					X	X				
RWMKT03	Control*r Wireless Demand Recirculation Kit (Module, 1PB, 1TS)					X	X				
1011/11/103	Connection Cable					~	~			L	
REU-EZC-2	EZConnect (2 Units)			Х	Х	Х	Х	Х	Х	Х	
REU-EZC-3	EZConnect Cable	Х	Х	~	~	~		~	~		
REU-MSB-M	Multi-Unit Control Kit (+2 Units) (MSB + Multi-Unit Cable)	~	~	Х	Х	Х		Х			
REU-MSB-C2	MSB Cable (+2 Units)			X	X	X		~			
REU-MSB-C2	Multi-Unit Cable (+2 Units)			X	X	X					
REU-CSA-C1	Cascade Harness, 3m (Commercial)			^	^	^			Х	X	
REU-CSA-C2	Cascade Harness, Sm (Commercial)								X	X	
REU-CJA-CZ									~	~	
PCD11-SHS	Pipe Cover	Х	Х								
PCD11-3H3	Pipe Cover Commercial (Indigo Black)	^	~						X	Х	
PCD11-IB PCD07-EW				V	X			Х	^		
	Pipe Cover (Euro White)			Х	~	X		~			
PCD09-SHS	Pipe Cover	Х	X			~			X		
PCD07-IB-BP	Bottom Plate for Pipe Cover (Indigo Black)	^	^			Х			^	Х	
109001311	Bottom Plate for Pipe Cover			V	V	~		V			
PCD07-EW-BP	Bottom Plate for Pipe Cover (Euro White) Recess Boxes			Х	Х			Х			
RGBCTWHRX	Recess Boxes	Х	Х	1	1	1	1		Х	V	
RGB-CTWH-3	Recess Box	^	^	X	X				^	X	
RGB-20-U				^	^			Х			
	Recess Box					X		~			
RGBRE	Recess Box					~					
010 5040	Other Accessorie	1	V	V	V	V	V			<u> </u>	
810-504G	Isolation Valve Kit	X	X	Х	Х	Х	Х		V	V	
RXOVC	Outdoor Vent Cap	Х	X						X	X	
107000639	Dedicated Return With Isolation Valves an PRV	X	X						X	X	
RXLEAKKIT	Leak Detection Kit	X	X		N/	~	~	~	X	X	
R-UPS350A	Battery Backup System	Х	Х	X	X	Х	Х	Х	Х	Х	
REU-PVA-4	Pressure Valve Activating			X	X	~ ~ ~					
107000450	Dedicated Return Valve			X	X	X	X	X		<u> </u>	
804000074	Condensate Neutralizer Kit	X	X	X	X	X	X	X			
809000114	Condensate Neutralizer Refill	X	X	X	X	X	X	Х			
103000038	ScaleCutter System	Х	Х	Х	Х	Х	Х	Х	Х	Х	
103000039	ScaleCutter Refill Cartridge	Х	Х	Х	Х	Х	Х	Х	Х	Х	
104000059	Freeze Protection, Drain Down Kit	Х	Х	Х	Х	Х			1		

\* When using any external controllers wire harness is needed

Non-stock/special order items are not cancellable or returnable