

Rheem EcoSense® Tankless Gas Water Heaters

Replacing
a tank type
water heater?

Here are things
you should know about
the eco-friendly
TANKLESS!



See our tankless on line:
www.homedepot.com/waterheater



Rheem® EcoSense® Tankless Gas Water Heaters



Professional Installation Available

- A moderate level of plumbing skill is required for the Do-It-Yourselfer.
- If you are unsure, please speak to an Associate about Home Depot's Installation Services.

Venting Requirements

High-Efficiency

- 2-Pipe Vent system designed for PVC pipe (see Use and Care Manual for specific venting requirements)
- Up to 35 ft. of 3" PVC pipe or 5 ft. of 2" PVC pipe (see instructions for details)

Mid-Efficiency

- Category III 3"x5" concentric stainless steel venting is required (indoor models only – kits sold separately).
- Can not be used with single or double walled (B vent) vent systems.
- Can not be vented into a chimney.

Gas Supply

- A ¾" gas supply line and properly sized meter or regulator is needed.

Electrical

- This product requires 120v AC power.
- A 3-prong power cord is included (Indoor models only).

Traditional vs. Tankless Water Heating

- Typical tank type water heaters take up approximately 9 square feet.

A typical tankless water heater measures less than 15" wide by just 2 feet high and can be mounted on an interior or exterior wall.



- This comparison is based on both water heaters using the same amount of hot water per week.

A Rheem EcoSense tankless water heater will consume approximately 20 to 25% less in fuel costs than a typical gas fired tank type water heater.

- Tank type water heaters fire at full capacity whenever the thermostat calls for heat.

A Rheem EcoSense tankless water heater has a modulating gas valve and requires only the energy necessary to meet the demand.

- A tank type water heater heats the entire contents of the storage tank to meet large or small demands.

Tankless water heaters only heat the amount of hot water necessary to meet the demand.

- A 50 gallon tank type water heater would run out of hot water after the third consecutive 10 minute shower based on a 2.5 gpm shower head.

Tankless water heaters, when sized properly will provide an endless supply of hot water.

- The national average life expectancy for tank type water heaters is 12 years.

The national average life expectancy for tankless water heaters is 20 years.

Rheem EcoSense® Tankless Gas Water Heaters

Store Support1-877-643-0313

Store Support

Fax.....1-877-821-4405

Sales & Technical

Support1-866-381-4248

To view Rheem EcoSense Tankless Gas Water Heater products, visit the Home Depot Website:
www.homedepot.com/waterheater



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Rheem® EcoSense® Tankless Gas Water Heaters



High-Efficiency

**3
BATHROOM
HOMES***

High-Efficiency Condensing Series

Indoor Direct Vent and Outdoor models. ECOH200DV, ECOH200X – Natural or LP Gas.

ECO200 Mid-Efficiency Series

Indoor Direct Vent and Outdoor models. ECO200DV, ECO200X – Natural or LP Gas.



Mid-Efficiency

**2-3
BATHROOM
HOMES***

High-Efficiency Condensing Series

Indoor Direct Vent and Outdoor models. ECOH160DV, ECOH160X – Natural or LP Gas.

ECO180 Mid-Efficiency Series

Indoor Direct Vent and Outdoor models. ECO180DV, ECO180X – Natural or LP Gas.



A remote control thermostat is included with all tankless gas models.

**3 OR
MORE
BATHROOM
HOMES***

ECO150 Mid-Efficiency Series

Indoor Direct Vent and Outdoor models. ECO150DV, ECO150X – Natural or LP Gas.

EZ-Link™ Cable System

Tankless installations are easily expandable. For high demand applications you can connect two or more EcoSense tankless units to operate together. Contact dealer or factory for details.



High-Efficiency Condensing Models Feature

- PVC venting for easier installation
- 94% efficient – lowest operating costs
- 3" Horizontal vent termination kit (SP20286) included with high-efficiency unit
- Greater flow rates allow for more simultaneous applications

Mid-Efficiency Models Feature

- 3"/5" stainless steel concentric vent system
- 82% efficient – approximately 20% more efficient than standard tank type water heaters
- Concentric vent kits sold separately (indoor units only)

All Models Feature

- Continuous hot water, energy saving and compact, space saving design
- Intelligent electronic controls and sensors
- Digital display shows precise temperature setting and maintenance codes
- Exclusive film wrap overheat limiter
- Indoor models supplied with a 120 volt power cord
- Low NOx emissions meet SCAQMD rule 1146.2 requirements
- .26 GPM minimum flow rate, .40 GPM minimum activation flow rate
- Digital remote control thermostat and 10 ft. of thermostat wire included
- Freeze protection to -30° F
- High altitude capability – up to 9,840 ft. elevation above sea level
- 12-Year limited warranty on heat exchanger, 5-Year limited warranty on parts, 1-Year limited warranty on labor*

* See written warranty for complete details.



Rheem EcoSense® Tankless Gas Water Heaters

Product appearance may differ.

* Based on simultaneous showers using 2.5 gallons per minute. Flow rates vary depending on temperature of cold water supply.

These selections are based on typical showers & faucets operating simultaneously at 65° F ground water.

Typical shower – up to 2.5 gallons of water flow per minute; typical faucets – up to 2 gallons of water flow per minute. Model selections and availability are subject to change without notice.

Rheem® EcoSense® Tankless Gas Specifications

DESCRIPTION			FEATURES				ROUGHING IN DIMENSIONS (SHOWN IN INCHES)				ENERGY INFO.		
MODEL NUMBER	SKU	GAS INPUT BTU/HR.	TYPE	TEMP. RANGE	WATER FLOW RATE		HEIGHT	WIDTH	DEPTH	VENT DIAMETER (INCHES)	SHIP. WEIGHT (LBS.)	ENERGY FACTOR	D.O.E. ANN. OPERATING COST
					GPM @ 45° RISE MAX.	GPM @ 35° RISE MAX.							
HIGH-EFFICIENCY CONDENSING TANKLESS WATER HEATERS FOR 3 BATHROOM HOMES													
ECOH200DVLN3 (Nat.)	159953	11,000 -199,900	Indoor Direct Vent	85° to 140° F	8.4	9.5	27-1/2	18-1/2	9-3/4	3" PVC 2-PIPE	82	.94	\$194
ECOH200DVL P3 (LP)	160288	11,000 -199,900	Indoor Direct Vent	85° to 140° F	8.4	9.5	27-1/2	18-1/2	9-3/4	3" PVC 2-PIPE	82	.94	\$326
ECOH200XLN3 (Nat.)		11,000 -199,900	Outdoor	85° to 140° F	8.4	9.5	27-1/2	18-1/2	9-3/4	N/A	82	.94	\$194
ECOH200XLP3 (LP)		11,000 -199,900	Outdoor	85° to 140° F	8.4	9.5	27-1/2	18-1/2	9-3/4	N/A	82	.94	\$326

MID-EFFICIENCY TANKLESS WATER HEATERS FOR 3 BATHROOM HOMES													
ECO200DVLN3 (Nat.)	181873	11,000 - 199,900	Indoor Direct Vent	85° to 140° F	7.4	9.5	25-5/8	13-7/8	9-7/8	3 by 5 CONCENTRIC	54	.82	\$223
ECO200DVL P3 (LP)	359083	11,000 - 199,900	Indoor Direct Vent	85° to 140° F	7.4	9.5	25-5/8	13-7/8	9-7/8	3 by 5 CONCENTRIC	54	.82	\$374
ECO200XLN3 (Nat.)		11,000 - 199,900	Outdoor	85° to 140° F	7.4	9.5	23-5/8	13-7/8	8-7/8	N/A	54	.82	\$223
ECO200XLP3 (LP)		11,000 - 199,900	Outdoor	85° to 140° F	7.4	9.5	23-5/8	13-7/8	8-7/8	N/A	54	.82	\$374

HIGH-EFFICIENCY CONDENSING TANKLESS WATER HEATERS FOR 2-3 BATHROOM HOMES													
ECOH160DVLN3 (Nat.)		11,000 -157,000	Indoor Direct Vent	85° to 140° F	6.6	8.4	27-1/2	18-1/2	9-3/4	3" PVC 2-PIPE	82	.94	\$194
ECOH160DVL P3 (LP)		11,000 -157,000	Indoor Direct Vent	85° to 140° F	6.6	8.4	27-1/2	18-1/2	9-3/4	3" PVC 2-PIPE	82	.94	\$326
ECOH160XLN3 (Nat.)		11,000 -157,000	Outdoor	85° to 140° F	6.6	8.4	27-1/2	18-1/2	9-3/4	N/A	82	.92	\$194
ECOH160XLP3 (LP)		11,000 -157,000	Outdoor	85° to 140° F	6.6	8.4	27-1/2	18-1/2	9-3/4	N/A	82	.92	\$326

MID-EFFICIENCY TANKLESS WATER HEATERS FOR 2-3 BATHROOM HOMES													
ECO180DVLN3 (Nat.)	486-148	11,000-180,000	Indoor Direct Vent	85° to 140° F	6.6	8.4	25-5/8	13-7/8	9-7/8	3 by 5 CONCENTRIC	54	.82	\$223
ECO180DVL P3 (LP)	486-265	11,000-180,000	Indoor Direct Vent	85° to 140° F	6.6	8.4	25-5/8	13-7/8	9-7/8	3 by 5 CONCENTRIC	54	.82	\$374
ECO180XLN3 (Nat.)	486-311	11,000-180,000	Outdoor	85° to 140° F	6.6	8.4	23-5/8	13-7/8	8-7/8	N/A	54	.82	\$223
ECO180XLP3 (LP)	486-487	11,000-180,000	Outdoor	85° to 140° F	6.6	8.4	23-5/8	13-7/8	8-7/8	N/A	54	.82	\$374

MID-EFFICIENCY TANKLESS WATER HEATERS FOR 1-2 BATHROOM HOMES													
ECO150DVLN3 (Nat.)	181609	11,000 -150,000	Indoor Direct Vent	85° to 140° F	5.6	6.4	25-5/8	13-7/8	9-7/8	3 by 5 CONCENTRIC	54	.82	\$223
ECO150DVL P3 (LP)		11,000 -150,000	Indoor Direct Vent	85° to 140° F	5.6	6.4	25-5/8	13-7/8	9-7/8	3 by 5 CONCENTRIC	54	.82	\$374
ECO150XLN3 (Nat.)		11,000 -150,000	Outdoor	85° to 140° F	5.6	6.4	23-5/8	13-7/8	9-7/8	N/A	54	.82	\$223
ECO150XLP3 (LP)		11,000 -150,000	Outdoor	85° to 140° F	5.6	6.4	23-5/8	13-7/8	9-7/8	N/A	54	.82	\$374

Maximum Hot Water Flow Rate and Temperature Rise

Model Number	35°	45°	50°	60°	70°	77°	80°	90°	100°
ECOH200 Water Flow (GPM)	9.5	8.4	7.6	6.3	5.4	4.9	4.7	4.2	3.8
ECO200 Water Flow (GPM)	9.5	7.4	6.6	5.5	4.7	4.3	4.1	3.7	3.3
ECOH160 Water Flow (GPM)	8.4	6.6	6.0	5.0	4.3	3.9	3.7	3.3	3.0
ECO180 Water Flow (GPM)	8.4	6.6	5.9	4.9	4.2	4.0	3.6	3.3	2.9
ECO150 Water Flow (GPM)	6.4	5.6	5.1	4.2	3.6	3.3	3.2	2.8	2.5

Above estimates are for sizing purposes only.

Rheem® EcoSense® Tankless Gas Accessories

Special Order SKU	Model #	Description
HIGH EFFICIENCY CONDENSING MODEL TERMINATION KITS		
429-868	SP20286	3-INCH HORIZONTAL TERMINATION KIT
429-868	SP20285	2-INCH HORIZONTAL TERMINATION KIT
429-868	SP20245	3-INCH CONCENTRIC HORIZONTAL/VERTICAL TERMINATION KIT
HIGH EFFICIENCY CONDENSING MODEL ACCESSORIES		
429-868	RTG20226	RECESS BOX - HIGH EFFICIENCY MODELS - OUTDOOR
429-868	RTG20227	PIPE COVER - HIGH EFFICIENCY CONDENSING MODELS
MID EFFICIENCY 3"/ 5" STAINLESS STEEL DIRECT VENT ACCESSORIES (METAL FAB ONLY)		
429-868	RTG20147-1	3"/5" HORIZONTAL CONCENTRIC TERMINATION VENT KIT WITH ADAPTER
429-868	RTG20210	3"/5" HORIZONTAL CONCENTRIC TERMINATION VENT KIT WITHOUT ADAPTER
429-868	RTG20211	3"/5" VERTICAL CONCENTRIC TERMINATION VENT KIT
429-868	RTG20231	3"/5" LOW PROFILE TERMINATION VENT KIT FOR 2" X 4" WALL
429-868	RTG20234	3"/5" LOW PROFILE TERMINATION VENT KIT FOR 2" X 6" WALL
429-868	RTG20144-3	3"/5" ADAPTER FOR ECO180DVN
429-868	RTG20151B-1	3"/5" CONCENTRIC 45 DEG ELBOW
429-868	RTG20151A-1	3"/5" CONCENTRIC 90 DEG ELBOW
429-868	RTG20151W	3"/5" CONCENTRIC STRAIGHT VENT 6"
429-868	RTG20151E-1	3"/5" CONCENTRIC STRAIGHT VENT 7.5 TO 22"
429-868	RTG20151R	3"/5" CONCENTRIC STRAIGHT VENT 11.66"
429-868	RTG20151C-1	3"/5" CONCENTRIC STRAIGHT VENT 23.66"
429-868	RTG20151D-1	3"/5" CONCENTRIC STRAIGHT VENT 35.66"
429-868	RTG20151G	5" WALL SUPPORT
429-868	RTG20151H	5" WALL HANGER
429-868	RTG20151J	5" TALL CONE FLASHING - FLAT ROOF

- Certified for use up to 9,840 feet altitude
- Water and Gas connections are all 3/4"
- Model number may include a suffix indicating model revision
- For residential applications maximum temperature is 140 degrees

In keeping with its policy of continuous progress and product improvement, the manufacturer reserves the right to make changes without notice.

Special Order SKU	Model #	Description
MID EFFICIENCY 3"/ 5" STAINLESS STEEL DIRECT VENT ACCESSORIES (METAL FAB ONLY) CONTINUED		
429-868	RTG20151K-1	3"/5" CONCENTRIC 2/12 TO 5/12 PITCHED ROOF FLASHING
429-868	RTG20151L-1	3"/5" CONCENTRIC 6/12 TO 12/12 PITCHED ROOF FLASHING
429-868	RTG20151M-1	5" STORM COLLAR
429-868	RTG20151P	3"/5" CONCENTRIC VERTICAL TERM W/ CAP
429-868	RTG20151S	CONDENSATE DRAIN - HORIZONTAL OR VERTICAL
429-868	RTG20151T	5" PLATE SUPPORT AND FIRE STOP
MID EFFICIENCY MODEL ACCESSORIES		
429-868	RTG20217DVG	COSMETIC PIPE COVER INDOOR MID EFFICIENCY UNIT
429-868	RTG20217XG	COSMETIC PIPE COVER OUTDOOR MID EFFICIENCY UNIT
429-868	RTG20218	RECESS BOX OUTDOOR MID EFFICIENCY UNIT
COMMON ACCESSORIES FOR MID EFFICIENCY / HIGH EFFICIENCY CONDENSING MODELS		
429-868	RTG20006DW	RESIDENTIAL WIRED MAIN REMOTE CONTROL - UMC-117
429-868	RTG20006DU	RESIDENTIAL BATH 1 WIRED REMOTE CONTROL - USC1-117
429-868	RTG20006DV	RESIDENTIAL BATH 2 WIRED REMOTE CONTROL - USC2-117
429-868	RTG20150A	10 FOOT CONDENSATE DRAIN TUBE
429-868	RTG20220AB	TANKLESS SERVICE VALVES (MEETS CALIFORNIA LOW LEAD STANDARDS)
429-868	AP12993C	PRESSURE RELIEF VALVE
429-868	RTG20124	TANKLESS FLUSH KIT
429-868	RTG20040	EZ LINK CABLE

