

WELCOME

TO CONTINUOUS HOT WATER



RHEEM® TANKLESS GAS WATER HEATERS

OFFER ENERGY-EFFICIENT HOT WATER FOR YOUR CUSTOMER'S HOME OR BUSINESS



The new degree of comfort.®

Why Rheem® Tankless Gas Solutions?



BETTER ADVANTAGES

RHEEM EXCLUSIVE

Hot Start Programming

Minimizes “cold water sandwich” by staying in ready-fire state for five minutes for back-to-back hot water needs

RHEEM EXCLUSIVE

Water Savings Setting

Can save up to 1,100 gal/yea¹ by reducing water flow at tap until set temperature is achieved

Space Savings

Small, compact design fits perfectly in tight places like in closets, under cabinets and sinks



EASY TO INSTALL & SERVICE

Maintenance Notification Setting

Alerts homeowners after 500 hours of use (about 1 year-1½ years) to call for service, helping with proper maintenance for a longer life of the unit

Compatible with Half-Inch Gas Line

Rheem Tankless units are, and have been, compatible with ½" gas lines, saving money and time on installation²

Save on Venting

Low-cost and lightweight PVC compatibility on our condensing models saves time, labor, materials and money on installation³



BUILT-IN PROTECTION

RHEEM EXCLUSIVE

Overheat Film Wrap

Clear plastic material wraps around the heat exchanger inside the tankless unit to detect if the heat exchanger overheats; in the event the system overheats, it shuts the unit down to prevent damage

RHEEM EXCLUSIVE

Freeze Protection

Ceramic heaters on copper pipes protect from 40°F down to -30°F temperatures allowing outdoor installation

Hard Water Buildup Warning

Automatically displays a service alert in the event the water heater detects scale buildup; left untreated, it can reduce the unit's efficiency and ability to provide hot water

¹Savings based on DOE test procedures; available only on models featuring a-1 in the model number.

²Installation conditions vary; Consult the Rheem® Use and Care Manual, the Rheem® Gas Piping Facts brochure (TK-GPF-12), the National Fuel Gas Code (NFPA 54, ANSI Z223.1), and any other local gas codes when installing a Rheem Tankless Water Heater.

³PVC venting compatibility on our condensing tankless products saves money on installation (Compared to mid-efficiency models because they vent with steel; Also compared to some tank-type models); built-in condensate neutralizer eliminates having to purchase a component; 1/2" gas line compatibility can help reduce install costs by not having to upgrade the existing gas line.

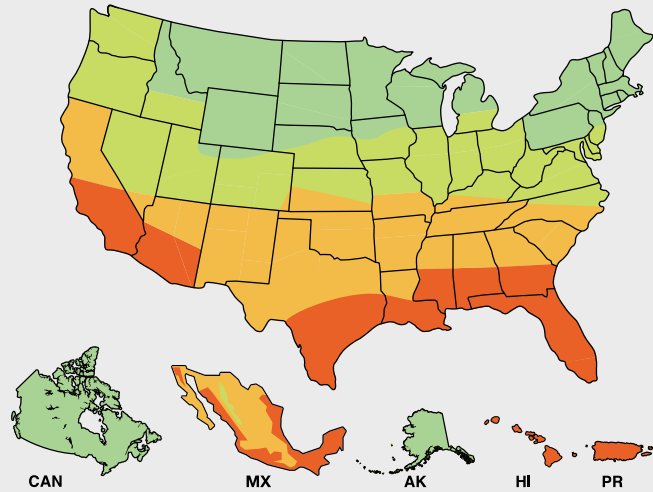
Selecting the Right Solution is as Easy as 1, 2, 3

HELP YOUR CUSTOMERS START SAVING TODAY

Learn more at rheem.com/tanklessinnovation or ask your local distributor




- 1** Consider customer location
- 2** Assess their hot water needs
- 3** Review inlet temperature and recommend the best model for your customer




Mid-Efficiency

		Inlet Temperature 37-47°		Inlet Temperature 47-57°		Inlet Temperature 57-62°		Inlet Temperature 62-77°	
Models rated at:	Indoor Model #	Average GPM	Approximate Usage	Average GPM	Approximate Usage	Average GPM	Approximate Usage	Average GPM	Approximate Usage
150,000 BTU/h	RTG-64DVLN-1 RTG-64XLN-1	3.2	☼	3.6	☼	4.2	☼☼	5.1	☼☼
180,000 BTU/h	RTG-84DVLN-1 RTG-84XLN-1	3.8	☼☼	4.3	☼☼	5.1	☼☼☼	6.1	☼☼☼
199,900 BTU/h	RTG-95DVLN-1 RTG-95XLN-1	4.1	☼☼☼	4.7	☼☼☼	5.5	☼☼☼	6.6	☼☼☼☼

USAGE KEY

 **Faucet**
Flow rate of 2.0 GPM

 **Shower**
Flow rate of 2.5 GPM

Inlet Temperature:
The temperature of cold water before it enters your water heater.

GPM: Gallons Per Minute

Approximate Usage:
The number of faucets and/or showers this model will serve based on a temperature setting of 120°F. Flow rates vary depending on temperature of incoming cold water and water heater set temperature.

High Efficiency

		Inlet Temperature 37-47°		Inlet Temperature 47-57°		Inlet Temperature 57-62°		Inlet Temperature 62-77°	
Models rated at:	Indoor Model #	Average GPM	Approximate Usage	Average GPM	Approximate Usage	Average GPM	Approximate Usage	Average GPM	Approximate Usage
157,000 BTU/h	RTGH-84DVLN-1 RTGH-84XLN-1	3.9	☼☼	4.3	☼☼	5.0	☼☼☼	6.0	☼☼☼☼
180,000 BTU/h	RTGH-90DVLN-1 RTGH-90XLN-1	4.5	☼☼☼	4.9	☼☼☼	5.8	☼☼☼☼	6.9	☼☼☼☼☼
199,900 BTU/h	RTGH-95DVLN-1 RTGH-95XLN-1	5.0	☼☼☼☼	5.5	☼☼☼☼	6.4	☼☼☼☼☼	7.7	☼☼☼☼☼☼

Models with DV are Indoor Direct Vent units. Models with X are Outdoor units. Replace the N (Natural Gas) in the model numbers with a P for Liquid Propane models.

*Based on simultaneous showers using a 2.5 GPM flow rate & faucets using a 2.0 GPM flow rate, both pre-mixed with cold water line to 105°F. Flow rates vary depending on temperature of incoming cold water and water heater set temperature. Number of showers and faucets vary depending on maximum flow rates of shower heads and faucets. Usage can include other appliances instead of showers and faucets.

Rheem® Classic Plus® Series

Mid-Efficiency Tankless Gas Water Heating Solutions



ENERGY EFFICIENCY AND SAFETY FEATURES, PLUS SAVINGS ON INSTALLATION

Available in both indoor and outdoor models, our Mid-Efficiency solutions are not only designed to save costs and time on installation and service, but also offer smart energy savings and safety features customers love.

Energy Factor	.82 UEF: Indoor .81 UEF: Outdoor
Venting Type	Vents with 3"/5" stainless steel concentric vent system, (sold separately)
Dimensions	25-5/8" H x 13-7/8" W x 9-7/8" D (Indoor) 23-5/8" H x 13-7/8" W x 8-7/8" D (Outdoor)
Weight	54 lbs.
Warranty	Heat Exchanger: 12 Years Residential; 5 Years Commercial
	Parts: 5 Years
	Labor: 1 Year
Ultra Low NOx	All Natural Gas Models

ENERGY
SAVINGS UP TO
\$1,020¹



MODEL
WITH BUILT-IN
RECIRCULATION
PUMP COMING
SOON

RECIRCULATION
SAVES UP TO
**12,000
GALLONS**
WATER/YEAR²

Description	150,000 BTU Max.	180,000 BTU Max.	199,900 BTU Max.
Indoor Direct Vent – Nat. Gas	RTG-64DVLN-1	RTG-84DVLN-1	RTG-95DVLN-1
Indoor Direct Vent – Nat. Gas with Recirculation Pump	–	–	RTG-RC95DVLN-1
Indoor Direct Vent – LP. Gas	RTG-64DVLP-1	RTG-84DVLP-1	RTG-95DVLP-1
Indoor Direct Vent – LP Gas with Recirculation Pump	–	–	RTG-RC95DVLP-1
Outdoor – Nat. Gas	RTG-64XLN-1	RTG-84XLN-1	RTG-95XLN-1
Outdoor – LP Gas	RTG-64XLP-1	RTG-84XLP-1	RTG-95XLP-1

¹Based on comparison against 50-gallon tank type model with like fuel type. Savings based on Natural gas model; Savings higher for liquid propane models. ²Savings per News Bulletin released by the United States Department of Energy / Oak Ridge National Laboratory, November 2002 on study on water and energy savings in residential homes using Hot Water Recirculating System.

INDOOR DIRECT VENT



SAVE TIME

- 1 Easy To Service**
Access all parts of the heater with just a Phillips-head screwdriver
- 2 Half-Inch Gas Line Compatible**
Saves money and time on installation to an existing system
- 3 Freeze Protection**
Industry Best!
Ceramic heaters on copper tubes protect from 40°F to -30°F allowing outdoor installation
- 4 Maintenance Notification Setting**
RHEEM EXCLUSIVE
Alerts homeowners after 500 hours of use (about one year - 1½ years) to call for service extending the life of the water heater (optional)

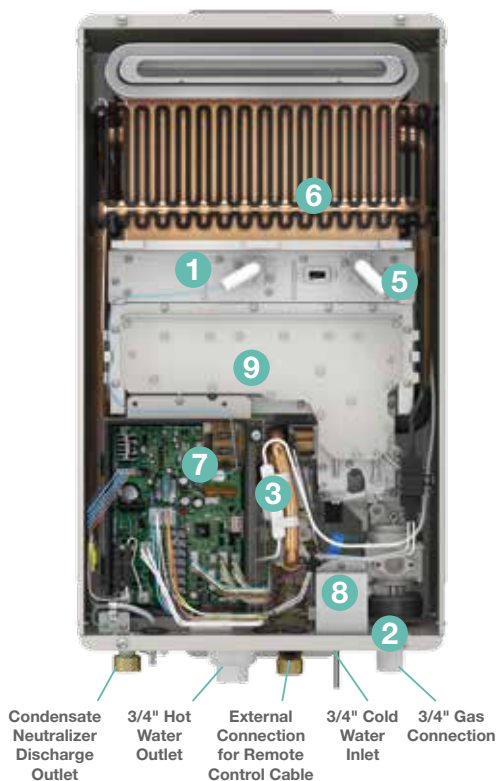


Remote control included with all tankless gas water heaters

INSTALL MORE

- 5 Hot Start Programming**
RHEEM EXCLUSIVE
Minimizes cold water sandwich by staying in ready-fire state for back-to-back hot water needs
- 6 Overheat Film Wrap**
RHEEM EXCLUSIVE
Safety feature prevents dangerous temperatures allowing industry-best, side-to-side clearance to combustibles
- 7 Water Savings Setting**
RHEEM EXCLUSIVE
Can save up to 1,100 gal/year by reducing water flow at tap until set temperature is achieved (optional)
- 8 Low Flow Activation**
Industry Best!
Minimum flow rate of .26 GPM and activation flow rate of .40 GPM ensures hot water in low demand situations
- 9 Six Stage Modulating Burner**
Tight control over burner energy efficiency

OUTDOOR



Rheem® Prestige® Series

High Efficiency Tankless Gas Water Heating Solutions



ENERGY SAVINGS UP TO **\$1,135**¹

MAXIMUM WATER AND ENERGY SAVINGS, PLUS KEEPS INSTALL COSTS TO A MINIMUM

Available in both indoor and outdoor models, Rheem Ultra Low NOx, High Efficiency Tankless solutions are loaded with features to save on installation costs, time and servicing—while saving homeowners more money, water and space.



LOWER INSTALLATION COSTS

Installs with 2", 3" and 4" Schedule 40 PVC venting, which is easier to work with and lower cost than stainless steel, saving you money and time



BUILT-IN CONDENSATE NEUTRALIZER

Safely dispose of condensate without extra installation cost and time

Energy Factor	.93 UEF
Venting Type	Vents with Schedule 40 PVC
Dimensions	27-1/2" H x 18-1/2" W x 9-3/4" D
Weight	82 lbs.
Warranty	Heat Exchanger: 12 Years Residential; 5 Years Commercial
	Parts: 5 Years
	Labor: 1 Year
Ultra Low NOx	All Natural Gas Models

Description	157,000 BTU Max.	180,000 BTU Max.	199,900 BTU Max.
Indoor Direct Vent – Nat. Gas	RTGH-84DVLN-1	RTGH-90DVLN-1	RTGH-95DVLN-1
Indoor Direct Vent – LP Gas	RTGH-84DVLP-1	RTGH-90DVLP-1	RTGH-95DVLP-1
Outdoor – Nat. Gas	RTGH-84XLN-1	RTGH-90XLN-1	RTGH-95XLN-1
Outdoor – LP Gas	RTGH-84XLP-1	RTGH-90XLP-1	RTGH-95XLP-1

¹Based on comparison of a Rheem® Prestige® Condensing Tankless Water Heater (natural gas) with .93 UEF and a 50-gallon standard residential natural gas tank-type water heater with a 0.63 UEF; Savings claim based on difference in annual operating costs from DOE over the 12-year warranty period of the Rheem tankless unit; Savings higher for liquid propane models. ² Installation conditions vary; Consult the Rheem Use and Care Manual, the Rheem Gas Piping Facts brochure (TK-GPF-12), the National Fuel Gas Code (NFPA 54, ANSI Z223.1), and any other local gas codes when installing a Rheem Tankless Water Heater. ³ Consult a tax professional regarding your individual tax situation and ability to claim a tax credit related to the purchase of qualifying Rheem® products.

INDOOR DIRECT VENT



SAVE TIME

- 1 PVC Venting Compatible**
Vent with 2", 3" and 4" PVC, saving time and money
- 2 Easy To Service**
Access all parts of the heater with just a Phillips-head screwdriver
- 3 Built-In Condensate Neutralizer**
Industry First!
Safely dispose of condensate without extra installation cost and time
- 4 Half-Inch Gas Line Compatible**
Saves money and time on installation to an existing system
- 5 Freeze Protection**
Industry Best!
Ceramic heaters on copper pipes protect from 40°F to -30°F, allowing outdoor installation

INSTALL MORE

- 6 Hot Start Programming**
RHEEM EXCLUSIVE
Minimizes cold water bursts by staying in ready-fire state for back-to-back hot water needs
- 7 Overheat Film Wrap**
RHEEM EXCLUSIVE
Safety feature prevents dangerous temperatures allowing industry-best, 1/2" side-to-side clearance to combustibles
- 8 Water Savings Setting**
RHEEM EXCLUSIVE
Can save up to 1,100 gal/year by reducing water flow at tap until set temperature is achieved (optional)
- 9 Low Flow Activation**
Industry Best!
Minimum flow rate of .26 GPM and activation flow rate of .40 GPM ensures hot water in low demand situations
- 10 Six Stage Modulating Burner**
Tight control over burner energy efficiency

OUTDOOR



Rheem® Parts & Accessories

SEE THE
TANKLESS PARTS
AND ACCESSORIES
CATALOG FOR
MORE OPTIONS



Cosmetic Pipe Covers

These cosmetic pipe covers enhance the installation of the water heater and provides protection from tampering and weather.

- **RTG20227** - Fits RTGH Series Indoor or Outdoor Condensing Models
- **RTG20217DVG** - Fits RTG DV Series Indoor Tankless Models
- **RTG20217XG** - Fits RTG X Series Outdoor Tankless Models



Outdoor Recess Box

These allow you to mount an outdoor tankless into the wall, flush with the outside of the home. They are weather resistant and can be locked for security.

- **RTG20226** - Fits RTGH X Series Outdoor Condensing Models
- **RTG20218** - Fits RTG X Series Outdoor Tankless Models
- **RTG20253** - For Stucco Applications - Fits RTGH X Series Outdoor Condensing Models



Flush Kit

The Tankless Flush Kit connects to the service valves for an easy way to flush and de-scale your tankless water heater.

- **RTG20214** - Includes pump, hoses and 5-gallon bucket



AllClear™ Water Treatment System

Combat hard water and scale build up

- **RTG20251** - AllClear™ Water Treatment System
- **RTG20252** - Replacement Cartridge



Service Valves

Webstone®-Brand Tankless Service Valves

- **RTG20220AB** - Clean Brass for Low Lead Code - Includes cold and hot water set and pressure relief valve



Remote Controls

- **RTG20006DW - UMC-117** Main Remote Control
- **RTG20006DU - USC1-117** Bath Remote Control
- **RTG20006DV - USC2-117** Second Bath Remote Control
- **RTG20009-1 - 10'** Thermostat Wire 1 pair 18AWG

One remote is included with each unit



Recirculation Pump Kit – Timer Based

- **AP17920** - Kit contains: (1) TacoGenie® 0015 recirculation pump with internal check valve, (2) Stainless steel flanges and flange gaskets, (4) 7/16"–14 Bolts and nuts, and (1) Installation instruction sheet

Recirculation Pump Kit – On Demand

- **AP18403** - On demand pump kit - standard
- **AP18537** - On demand pump kit - under sink



PROTECH

PROTECH® Service Kit

These kits, designed with the contractor in mind, provide all the basic parts necessary for a complete repair of a Rheem tankless gas water heater.

- **PROTECH PD966349** Mid-Efficiency Direct Vent Models
- **PROTECH PD966350** Mid-Efficiency Outdoor Models
- **PROTECH PD966351** Condensing Models

NEW EZ-RACK™ KIT

RTG20304

NEW

- Mounts easily to a wall or free standing
- Expands with additional kits to hold any number of units
- Assembles easily on the jobsite in under 10 minutes
- Offers \$75 Cashback with Rheem Commercial Tankless installation—visit rheem.com/commercial-tankless for more information



Tankless Venting

Complete Your Installation with Rheem® Venting Components and Accessories

Stainless Steel Vent System | 3" x 5" Concentric Stainless Steel venting, Category III Rated for Mid-Efficiency Tankless Gas Water Heaters.



Horizontal Vent Kit

Low profile cone design for concentric direct vent systems. Includes 90° elbow, short, low-profile termination and installation screws.

- RTG20231 - Up to 6" thick walls
- RTG20234 - Up to 8" thick walls

Economy Vent Kit

- RTG20210 - Up to 10" thick walls



Vertical Termination Kit

Concentric direct vent systems. Stainless steel and galvanized construction. Includes vertical termination cap, storm collar, 6-12 pitch roof flashing and installation screws. Vent pipe not included.

- RTG20211 - Vertical Vent Kit

Additional venting and accessories are available. See Catalog for details.

Condensing Termination Kits | The PVC vent terminations allow for an aesthetic and easy installation of High Efficiency Tankless Gas Water Heaters.



Horizontal or Vertical Concentric Termination

Combines a two-pipe vent system to a single, concentric through-the-wall or roof penetration. Designed for two-pipe direct vent, fits PVC or CPVC venting. Installed dimensions: 39"H x 7-1/4"D

- SP20245 - For 3" PVC Venting



Horizontal Vent Termination

Low profile design for two-pipe direct vent, fits PVC or CPVC venting. Installed dimensions: 11-3/4"W x 8"W x 2-1/2"D

- SP20286 - For 3" PVC Venting
- SP20285 - For 2" PVC Venting

Venting Components and Accessories



90° Elbow

8.1" rise – 8.1" run

- RTG20151A-1



45° Elbow

8.6" rise – 3" run

- RTG20151B-1



Wall Hanger

2-point pivot mounting

- RTG20151H



Wall Thimble

17" wide for up to 6" deep walls, with drywall and stucco rings, ideal for new construction

- RTG20151Z



6" Vent Length

5.66" overall length

- RTG20151W

12" Vent Length

11.66" overall length

- RTG20151R

24" Vent Length

23.66" overall length

- RTG20151C-1

36" Vent Length

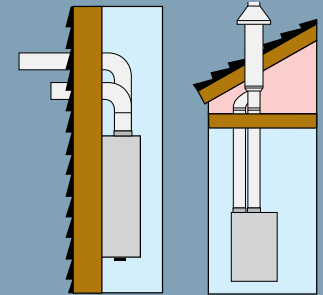
35.66" overall length

- RTG20151D-1

VENTING OPTIONS AND INSTALLATIONS

All indoor tankless units must be vented vertically or horizontally to the outdoors using manufacturer approved venting material. See the installation instructions for each specific model. (ULCS636 Pipe must be used for Canada.)

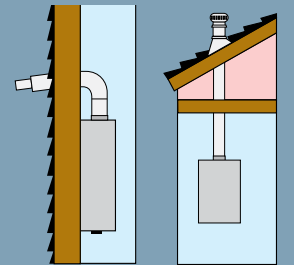
PVC Vent System



INDOOR
Horizontal vent termination

INDOOR
Vertical vent termination

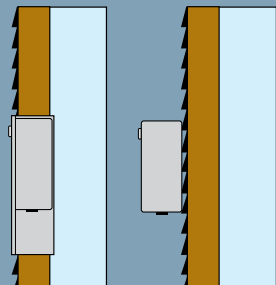
3"/5" Concentric Vent System



INDOOR
Horizontal vent termination

INDOOR
Vertical vent termination

Outdoor



OUTDOOR*
Recess box installation

OUTDOOR*
installation

Venting details, including clearances and diagrams can be found in the "Use & Care Manual" of Rheem indoor tankless water heaters.

* Outdoor units do not require venting materials.

Rheem® Commercial Tankless Solutions

LESS DOWNTIME, MORE PERFORMANCE

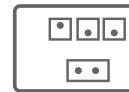


Common Vent Compatible

Up to eight Rheem Indoor Commercial Tankless Water Heaters (natural gas models only) can be inline common vented using our available polypropylene header kits. Venting units together can help save space, materials and reduce the number of penetrations on an outside wall. For more information on common venting accessories and header kits, please see the Commercial Tankless Product Guide.



Now Manifold Control Ready & Common Vent Compatible



Manifold Control Ready

To create a load sharing system, the factory-installed manifold controller allows up to 20 units to be connected—in daisy chain fashion—via an included cable. Once connected, the system is load balanced, which creates redundancy—so if one heater goes down, the business can stay up and running.

Description	Commercial Tankless	Commercial Tankless WITH Manifold Control
Indoor Direct Vent – Nat. Gas	RTGH-C95DVLN	RTGH-CM95DVLN
Indoor Direct Vent – LP Gas	RTGH-C95DVLP	RTGH-CM95DVLP
Outdoor – Nat. Gas	RTGH-C95XLN	RTGH-CM95XLN
Outdoor – LP Gas	RTGH-C95XLP	RTGH-CM95XLP

¹ According to a 2016 survey of tankless contractors by Hanover Research on behalf of Rheem.

CONTROL YOUR TANKLESS SYSTEM

Rheem's new line of commercial tankless solutions includes four options with a factory-installed manifold control translator for connecting up to 20 units – in daisy-chain configuration – via included manifold control cable. Once manifolded, the tankless water heaters balance the workload as a system.

LESS DOWNTIME

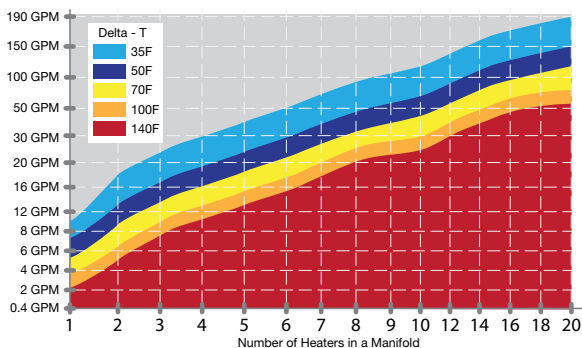
Having multiple units working together creates redundancy, so if one tankless water heater goes down, your customer's business stays up and running.



Tankless Multi-Unit Flow Rates

Manifold QTY	Total System BTU based on 199,900 Btu per Unit	Total System Gallons Per Minute (GPM) - Per Temperature Rise (ΔT)											
		35	45	50	60	70	77	80	90	100	110	120	140
1	199,900	9.5	8.4	7.5	6.3	5.4	4.9	4.7	4.2	3.8	3.4	3.1	2.7
2	399,800	19.0	16.7	15.0	12.5	10.7	9.8	9.4	8.4	7.5	6.8	6.3	5.4
3	599,700	28.5	25.1	22.5	18.8	16.1	14.6	14.1	12.5	11.3	10.2	9.4	8.1
4	799,600	38.0	33.4	30.1	25.1	21.5	19.5	18.8	16.7	15.0	13.7	12.5	10.7
5	999,500	47.5	41.8	37.6	31.3	26.8	24.4	23.5	20.9	18.8	17.1	15.7	13.4
6	1,199,400	57.0	50.1	45.1	37.6	32.2	29.3	28.2	25.1	22.5	20.5	18.8	16.1
7	1,399,300	66.5	58.5	52.6	43.8	37.6	34.2	32.9	29.2	26.3	23.9	21.9	18.8
8	1,599,200	76.0	66.8	60.1	50.1	42.9	39.0	37.6	33.4	30.1	27.3	25.1	21.5
9	1,799,100	85.5	75.2	67.6	56.4	48.3	43.9	42.3	37.6	33.8	30.7	28.2	24.2
10	1,999,000	95.0	83.5	75.2	62.6	53.7	48.8	47.0	41.8	37.6	34.2	31.3	26.8
11	2,198,900	104.5	91.9	82.7	68.9	59.1	53.7	51.7	45.9	41.3	37.6	34.4	29.5
12	2,398,800	114.0	100.2	90.2	75.2	64.4	58.6	56.4	50.1	45.1	41.0	37.6	32.2
13	2,598,700	123.5	108.6	97.7	81.4	69.8	63.4	61.1	54.3	48.9	44.4	40.7	34.9
14	2,798,600	133.0	116.9	105.2	87.7	75.2	68.3	65.8	58.5	52.6	47.8	43.8	37.6
15	2,998,500	142.5	125.3	112.7	94.0	80.5	73.2	70.5	62.6	56.4	51.2	47.0	40.3
16	3,198,400	152.0	133.6	120.3	100.2	85.9	78.1	75.2	66.8	60.1	54.7	50.1	42.9
17	3,398,300	161.5	142.0	127.8	106.5	91.3	83.0	79.9	71.0	63.9	58.1	53.2	45.6
18	3,598,200	171.0	150.3	135.3	112.7	96.6	87.9	84.6	75.2	67.6	61.5	56.4	48.3
19	3,798,100	180.5	158.7	142.8	119.0	102.0	92.7	89.3	79.3	71.4	64.9	59.5	51.0
20	3,998,000	190.0	167.0	150.3	125.3	107.4	97.6	94.0	83.5	75.2	68.3	62.6	53.7

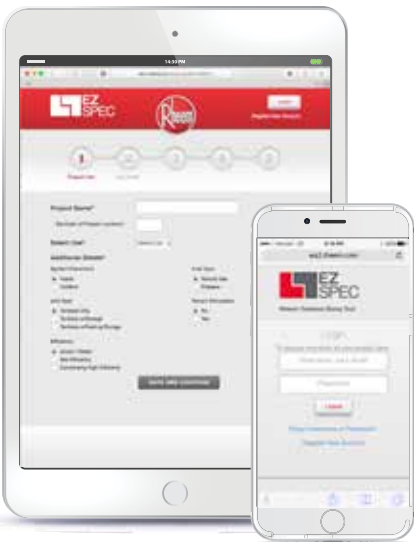
Tankless Multi-Unit Flow Rate Curve



Rheem® Partnership

ONE-STOP SHOP, DEDICATED SUPPORT SERVICES

Count on Rheem for dedicated, personalized service and system solutions to meet all your customers' water heating needs. Our Applications Engineers, sales and service teams are true partners dedicated to providing service for all applications. We also offer easy access to product specs, Revit® files, piping diagrams and more online. For questions, call our Tankless Support Team at 1-866-720-2076.



Commercial Tankless Sizing Solutions

SIZE IT YOURSELF WITH EZ-SPEC™

Regardless of the commercial application, our advanced and highly accurate EZ-Spec™ Tankless sizing tool can assist in choosing the right model, number of units and accessories needed for a tankless installation.

GET IT SIZED BY RHEEM

Rheem Applications Engineers offer professional sizing and selection services. Provide your project details and let our engineers deliver a personal consultation to help with the perfect water heating solutions for commercial projects.

CONTACT US

Customer Service, Warranty, Parts.....800-621-5622
Tankless Support.....866-720-2076
Technical Service..... 800-HEATER3
(800-432-8373)

Visit us online at rheem.com/morehotwater
or see your local distributor.

All Rheem Tankless Water Heaters meet or exceed ANSI requirements and have been tested according to D.O.E. procedures. Units meet or exceed the energy efficiency requirements of NAECA, ASHRAE, standard 90, ICC Code and all state energy efficiency performance criteria. All units meet or exceed SCAQMD rule 1146.2 for California Emission Requirements.

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



LEED Points = 2