

# Rheem tankless temperature upgrade kit provides high temperature solutions for commercial and hydronic applications

#### **Benefits**

- With the upgrade, tankless units can operate at temperatures over 140° F up to 185° F
- For indoor and outdoor units
- Multi-unit capacity

#### Warranty

- 5-Year commercial warranty\*
- 10 Year warranty with hydronic air handler\*

#### **Temperature Upgrade Kits**

#### **RTGH-95 Upgrades**

RTG20240A for RTGH-95DVLN RTG20240B for RTGH-95DVLP RTG20240C for RTGH-95XLN RTG20240D for RTGH-95XLP

#### **RTGH-84 Upgrades**

RTG20241A for RTGH-84DVLN RTG20241B for RTGH-84DVLP RTG20241C for RTGH-84XLN RTG20241D for RTGH-84XLP

#### **RTG-95 Upgrades**

RTG20236A for RTG-95DVLN RTG20236B for RTG-95DVLP RTG20236C for RTG-95XLN RTG20236D for RTG-95XLP

#### **RTG-84 Upgrades**

RTG20237A for RTG-84DVLN RTG20237B for RTG-84DVLP RTG20237C for RTG-84XLN RTG20237D for RTG-84XLP





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

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<sup>\*</sup>See Warranty Certificate for complete information

#### **All Rheem Tankless Water Heaters Feature:**

- AHRI Listed
- 12 Year Residential Limited Heat Exchanger Warranty\*
- 10 Year Residential Limited Heat Exchanger Warranty\* with Hydronic Air Handler
- 5-Year Commercial Limited Heat Exchanger Warranty\*
- 5-Year Limited Parts Warranty\*
- 1-Year Limited Labor Warranty\*
- Digital Remote Control Included
- 10 ft. of Thermostat Wire Included
- Easy Access Remote Terminal Block
- High Altitude Capable up to 9,480 ft.
- EZ-Link™ Capable two like units operate as one
- Multi-Unit Manifold Capable up to 20 like units
- Self Diagnostic Electronic Control System
- Easy to Service System and Burner
- Freeze Protection to -30° F

#### **Indoor Models Feature:**

- Direct Vent System
  - Concentric Stainless Steel for Mid-Efficiency
  - Two-Pipe PVC for Condensing
- Condensate Trap or Collector
- Power Cord included

#### **Outdoor Models Feature:**

- No Venting System Needed
- Outdoor Recess Enclosures Available
- Hardwire Electrical Connection
- \* See Warranty Certificate for complete information.



RTGH-95 and 84 Indoor Direct Vent and Outdoor models



RTG-95 and 84 Indoor Direct Vent and Outdoor models

DESC	RIPTION		FEATURES						ROUGHING IN DIMENSIONS (SHOWN IN INCHES) ENERGY INFO.									
MODEL NUMBER	GAS INPUT BTU/H	TYPE	TEMP. RANGE*	MIN. FLOW/ ACTIVATION GPM	GPM @ 77° RISE MAX.	GPM @ 45° RISE MAX.	MAX. GPM	CONNEC	CTION	HEIGHT	WIDTH	DEPTH	VENT DIAM.	SHIP. WEIGHT (LBS.)	ENERGY FACTOR	% OF RECOVERY EFFICIENCY	D.O.E. ANN. OP. COST NAT/LP	
RTGH-95 PRESTIGE ULTRA LOW NOx CONDENSING SERIES FOR 3 BATHROOM HOMES																		
RTGH-95DVLN	11,000- 199,900	Indoor Direct Vent	85° to 185° F	0.26/0.40	4.9	8.4	9.5	3/4	3/4	27-1/2	18-1/2	9-3/4	2" or 3" PVC 2-Pipe	82	.94	94%	\$174/421	
RTGH-95XLN	11,000- 199,900	Outdoor	85° to 185° F	0.26/0.40	4.9	8.4	9.5	3/4	3/4	27-1/2	18-1/2	9-3/4	N/A	82	.94	94%	\$174/421	
RTGH-84 PRESTIGE ULTRA LOW NOX CONDENSING SERIES FOR 2-3 BATHROOM HOMES																		
RTGH-84DVLN	11,000- 157,000	Indoor Direct Vent	85° to 185° F	0.26/0.40	3.9	6.6	8.4	3/4	3/4	27-1/2	18-1/2	9-3/4	2" or 3" PVC 2-Pipe	82	.92	92%	\$178/430	
RTGH-84XLN	11,000- 157,000	Outdoor	85° to 185° F	0.26/0.40	3.9	6.6	8.4	3/4	3/4	27-1/2	18-1/2	9-3/4	N/A	82	.92	92%	\$178/430	
RTG-95 ULTRA I	OW NOx	SERIES F	OR 3 BA	THROOM HO	MES													
RTG-95DVLN	11,000- 199,900	Indoor Direct Vent	85° to 185° F	0.26/0.40	4.3	7.4	9.5	3/4	3/4	25-5/8	13-7/8	9-7/8	3 by 5 CONCENTRIC	54	.82	84%	\$199/482	
RTG-95XLN	11,000- 199,900	Outdoor	85° to 185° F	0.26/0.40	4.3	7.4	9.5	3/4	3/4	23-5/8	13-7/8	8-7/8	N/A	54	.82	83%	\$199/482	
RTG-84 ULTRA LOW NOX SERIES FOR 2-3 BATHROOM HOMES																		
RTG-84DVLN	11,000- 180,000	Indoor Direct Vent	85° to 185° F	0.26/0.40	3.9	6.7	8.4	3/4	3/4	25-5/8	13-7/8	9-7/8	3 by 5 CONCENTRIC	54	.82	84%	\$199/482	
RTG-84XLN	11,000- 180,000	Outdoor	85° to 185° F	0.26/0.40	3.9	6.7	8.4	3/4	3/4	23-5/8	13-7/8	8-7/8	N/A	54	.82	83%	\$199/482	

Energy Factor and Average Annual Operating Costs based on 2013 D.O.E. (Department of Energy) test procedures. D.O.E. national average fuel rate natural gas \$1.09/therm; LP \$2.41/gallon.

All models are available in Natural Gas and Propane (LP). For Propane replace the N with P when ordering.

All models are SCAQMD 1146.2 compliant.

- Factory set maximum temperature is 120° F. See Use and Care Manual for setting.
- Consult factory for information on sizing the application.

 Add a "C" to the model number when ordering Canadian models. Outdoor models are only for seasonal use in Canada.
Please contact Rheem Canada Ltd. for details.

Vent Termination Kits are available for Direct Vent models. Contact your distributor for details.

Proper gas pressure must be ensured to supply tankless gas water heaters – up to 199,900 Btu/h for RTGH-95 models, up to 157,000 Btu/h for RTGH-84 models, up to 199,900 Btu/h for RTG-95 models, and up to 180,000 Btu/h for RTG-84 models. (Consult your gas supplier)

 $<sup>^{\</sup>star}\text{Maximum}$  temperature can be set up to 185° F with the temperature upgrade kit.

## Tankless EZ-Link Connects Two Tankless Water Heaters Together in a Manifold\*

- Allows two heaters to communicate together and operate as a single unit
- Perfect for when one tankless is just not enough
- RTG20040 6 foot long cable with connectors and wire support clamps

### Need Even More Capacity? Manifold Up to 20 Units!

- Systems from 180,000 Btu/h to 3,998,000 Btu/h
- Flow rates from .26 GPM to 190 GPM
- Multi-unit redundancy
- Direct recirculation capable no tank needed
- Standard tankless units, commercially upgradable reduce inventory and stock requirements
- MIC-6 Manifold Controller for up to 6 units
- MIC-185 with MICS-180 Manifold Control System for up to 20 units



#### **Tankless Multi-Unit Flow Rates**

Manifold	Total System BTU	Total System Gallons Per Minute (GPM) - Per Temperature Rise ( $\Delta T$ )												
QTY	based on 199,900 Btu per Unit	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	



<sup>\*</sup>Only two units may be connected together with the EZ-Link cable



Rheem provides a full line of commercial product solutions for any application.



#### The quick, easy and accurate way to size tankless water heaters

With only a few clicks you will know exactly what is required for a project and have a professional looking report to share with clients.

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