

# COMMERCIAL TANKLESS SERIES

Endless hot water for high-volume use

**GT-199PV indoor, GT-199X outdoor and GT-199DV indoor direct vent natural and LP models –**

**19,900 - 199,900 BTU max.**

8.5 gal./min at 35° F rise max., 7.4 gal./min. at 45° F rise

Limited Warranty:

**5-Year on heat exchanger and parts, 1-Year on labor**

See Commercial Warranty Information Brochure for complete warranty information.

- GT-199 units are specifically designed for commercial applications
- UMC-117 remote control is included – up to a 180 degree maximum
- EZ-Link™ cable available for high demand applications to connect two tankless units to operate as one
- **Exclusive!** All Rheem models can be linked in up to 20 unit manifold installations by using the optional MIC-180 and MICS-180 manifold control assembly
- **Exclusive!** Guardian SBT™ sensing burner technology
- **Exclusive!** Guardian OFW™ overheat film wrap
- **Exclusive!** Two high-altitude options – up to 6,560 or 9,840 ft. elevations above sea level (altitude chip required – sold separately)
- All Rheem tankless models are third-party efficiency certified by GAMA
- Continuous hot water, energy saving and compact, space saving design
- Intelligent electronic controls designed to increase energy efficiency and safety
- Self diagnostic program
- Digital display shows temperature setting and maintenance codes
- Built-in electric blower
- Indoor units use Category III stainless steel vents and vent horizontally or vertically
- Indoor models supplied with a 120 volt power cord
- Environmentally friendly Low NOx burner meets SCAQMD rule 1146 requirements
- Installation vent kits available – sold separately
- Indoor and outdoor models feature freeze protection to -30°F



**Tankless water heaters**  
Endless hot water



See reverse for specifications.

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## Specifications

DESCRIPTION			FEATURES				ROUGHING IN DIMENSIONS (SHOWN IN INCHES)						ENERGY INFO.		
MODEL NUMBER	GAS INPUT BTU/HR.	TYPE	TEMP. RANGE	WATER FLOW RATE			CONNECTION		A HEIGHT	B WIDTH	DEPTH	VENT DIAMETER (INCHES)	SHIP WEIGHT (LBS.)	ENERGY FACTOR	D.O.E. ANN. OP. COST NAT/LP
				GPM @ 77° RISE MAX.	GPM @ 45° RISE MAX.	GPM @ 35° RISE MAX.	WATER	GAS							
<b>RHEEM-RUUD COMMERCIAL TANKLESS WATER HEATERS</b>															
GT-199PVN-1	19,000 - 199,900	Indoor	100° to 180° F	4.3	7.4	8.5	3/4	3/4	25-3/8	14-7/8	11-1/8	4	55	.82	\$223/\$374
GT-199XN-1	19,000 - 199,900	Outdoor	100° to 180° F	4.3	7.4	8.5	3/4	3/4	25-3/8	14-7/8	11-1/8	N/A	55	.82	\$223/\$374
GT-199DVN-1	19,000 - 199,900	Indoor Direct Vent	100° to 180° F	4.3	7.4	8.5	3/4	3/4	25-3/8	14-7/8	11-1/8	4 by 4 2-PIPE	55	.82	\$223/\$374

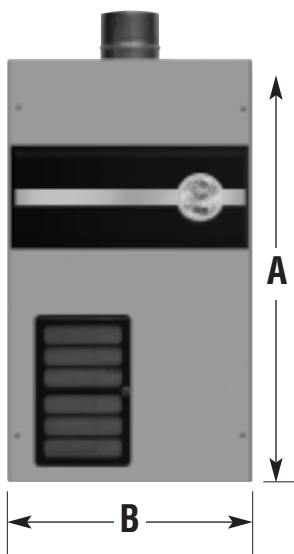
All models are available in Natural Gas and Propane (LP). For Propane replace the N with P when ordering.

- Factory set maximum temperature is 120° F, capable of temperatures up to 180° F. See Use and Care Manual for setting.
- For installations above 3,280 feet, a high altitude chip is required. Refer to Rheem price list or consult factory for details.
- Consult factory for information on sizing the application.

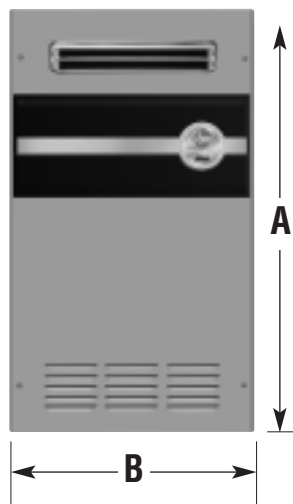
Installation Vent Kits available separately: 4" diameter for GT-199PV models.

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

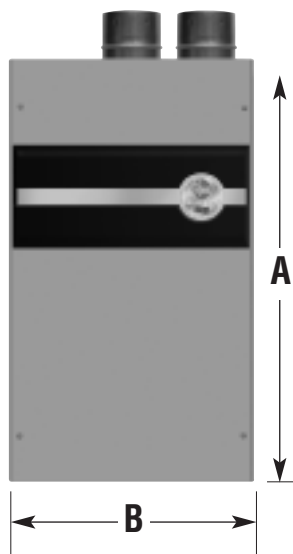
Energy Factor and Average Annual Operating Costs based on D.O.E. (Department of Energy) test procedures. D.O.E. national average fuel rate natural gas \$1.218/therm; LP \$1.87/gallon.



**GT-199PV**  
Indoor



**GT-199X**  
Outdoor



**GT-199DV**  
Indoor  
Direct Vent

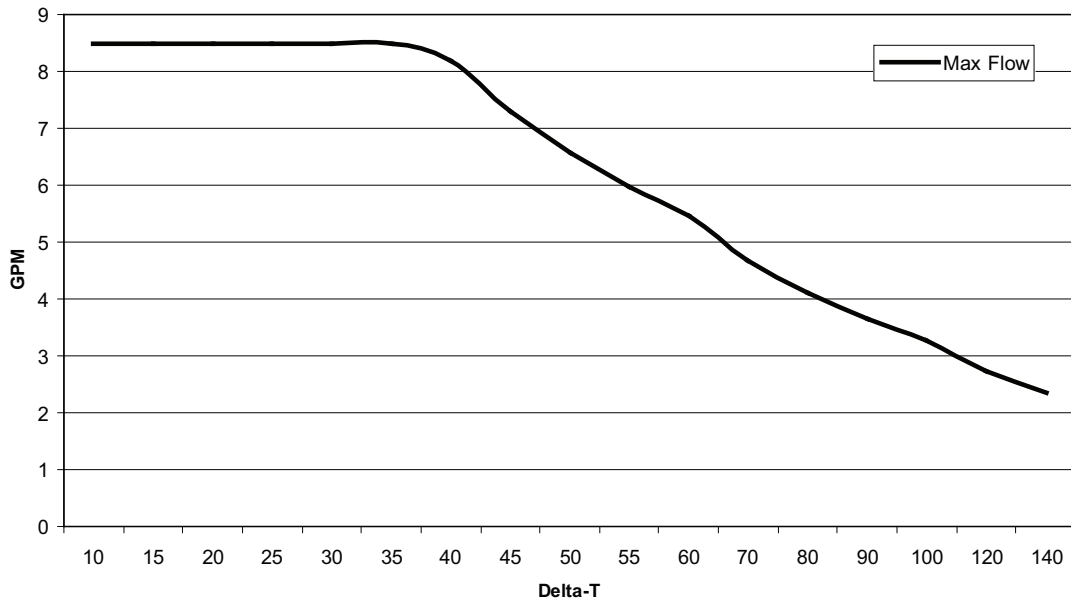
# COMMERCIAL TANKLESS SERIES

MAXIMUM HOT WATER FLOW RATE AND TEMPERATURE RISE												
Temp. Rise (°F)	35	45	50	60	70	77	90	100	110	120	130	140
Water Flow (GPM)	8.5	7.4	6.6	5.5	4.7	4.3	3.7	3.3	3.0	2.8	2.6	2.4

Minimum flow rate required to initiate heating cycle .66 gpm.  
 Above estimates are for sizing purposes only.

CLEARANCE TO COMBUSTIBLES (inches)			
MODEL NUMBER	SIDE	REAR	FRONT TOP & BOTTOM
GT-199PV	1/2	0	12
GT-199X	1/2	0	12
GT-199DV	1/2	0	12

Water Heater Flow Rate Curves

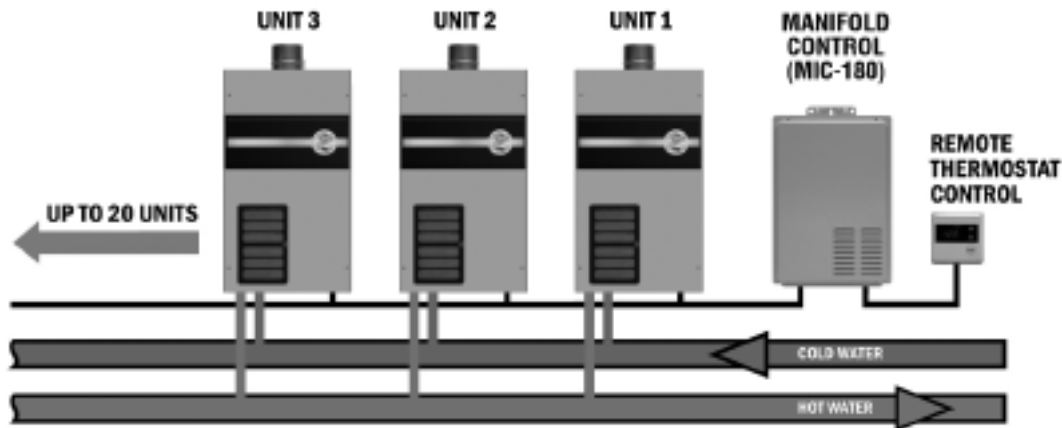


TEMP. RISE (°F)	RHEEM-RUUD GT-199 MANIFOLD INSTALLATIONS FLOW RATE (GPM)					
	1 UNIT	2 UNITS	5 UNITS	10 UNITS	15 UNITS	20 UNITS
140	2.4	4.7	11.9	23.7	35.6	47.4
130	2.6	5.1	12.8	25.5	38.3	51.1
120	2.8	5.5	13.8	27.7	41.5	55.3
110	3.0	6.0	15.1	30.2	45.3	60.3
100	3.3	6.6	16.6	33.2	49.8	66.4
90	3.7	7.4	18.4	36.9	55.3	73.7
80	4.1	8.3	20.7	41.5	62.2	83.0
77	4.3	8.6	21.5	43.1	64.6	86.2
70	4.7	9.5	23.7	47.4	71.1	94.8
60	5.5	11.1	27.7	55.3	83.0	110.6
50	6.6	13.3	33.2	66.4	99.6	132.7
45	7.4	14.7	36.9	73.7	110.6	147.5
35	8.5	17.0	42.5	85.0	127.5	170.0

# COMMERCIAL TANKLESS SERIES

ACCESSORIES FOR MULTI-UNIT MANIFOLD INSTALLATIONS				
PART NO.	DESCRIPTION	# OF WATER HEATERS		
		2	3 TO 6	7 TO 20
		ACCESSORIES		
RTG20040	EZ-Link™ Cable	1	N/A	N/A
RTG20126A	MIC-180 Main Communication PCB w/ Manifold Control Box	N/A	1	1
RTG20126B	MICS-180 Extended Communications PCB	N/A	N/A	1
RTG20126C	MIC-K-16 Communications Cable (16 ft.)	N/A	3 to 6	7 to 20
RTG20126D	MIC-K-32 Communications Cable (32 ft.)	N/A	3 to 6	7 to 20
RTG20126E	MIC-K-65 Communications Cable (65 ft.)	N/A	3 to 6	7 to 20

## Extensive Manifold Capacity



Up to 20 of the Commercial Tankless units can be linked in a manifold configuration to meet the hot water needs of larger applications.

These units are designed to meet or exceed ANSI (American National Standards Institute) requirements and have been tested according to D.O.E. test procedures and meet or exceed the energy efficiency requirements of NAECA, ASHRAE standard 90, ICC Code and all state energy efficiency performance criteria for energy consuming appliances.

Before purchasing this appliance, read important energy cost and efficiency information available from your supplier.

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

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Rheem manufactures residential & commercial heating, cooling & water heating products.

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Rheem.com**



**RHEEM-RUUD  
CARRIES A COMPLETE LINE  
OF COMMERCIAL WATER HEATERS  
TO SUIT ANY APPLICATION.**