

*The Rheem-Ruud VentMaster™*

# POWER

*Direct Vent*



With our new gas power direct vent, negative air pressures are eliminated by drawing combustion air from outside the building.

Ease-of-installation, whisper-quiet operation and large tank volume make VentMaster a powerful solution for restaurants, hotels, laundromats and multi-family housing.



COMMERCIAL  
WATER HEATERS

# VENTMASTER

## The Power Direct Vent Commercial Gas Water Heater From Rheem-Ruud



- **Available in 100 gallon tank-type models**
- **Installs with 3" or 4" Schedule 40 PVC pipe**
- **No masonry or metal vent chimney required**
- **Non-condensing design** – helps prevent corrosion – no condensate pump or drain needed.
- **Integral automatic blower** – with 110/120 volt electrical system.
- **Patented multi-flue tank design** – proprietary steel formulation, patented multi-flue design, and two coats of high temperature porcelain enamel to maximize corrosion resistance result in a superior heat exchanger design.
- **Spark-To-Pilot ignition system** – standard on both models. Provides reliable and energy saving ignition sequencing by igniting the pilot only when the thermostat calls for heat.
- **System Sentinel™ LED diagnostic system** – our exclusive diagnostic system, with glowing LED lights, verifies system operation sequence by sequence.
- **Full port, full flow brass drain valve**
- **Temperature and pressure relief valve** – AGA/ASME rated and factory installed.
- **Hand-hole cleanout** – for removal of lime/sediment deposits.
- **Gas control system** – fully adjustable thermostat from 100° F to 180° F, 24 volt combination gas valve includes main gas pressure regulation, on-off manual valve, 120/24 volt transformer, and high limit temperature cut-out.



**RECOVERY CAPACITIES** (80% thermal efficiency)

MODEL NUMBER	INPUT BTU/HR.	GPH										
		40°F	50°F	60°F	70°F	80°F	90°F	100°F	110°F	120°F	130°F	140°F
GP100-150	150,000	364	291	242	208	182	161	146	132	122	112	104
GP100-200	199,900	485	388	323	277	242	215	194	176	162	149	138

**CLEARANCE TO COMBUSTIBLES** (inches)

MODEL NUMBER	SIDE	REAR	TOP
GP100-150	2	6	18
GP100-200	2	6	18

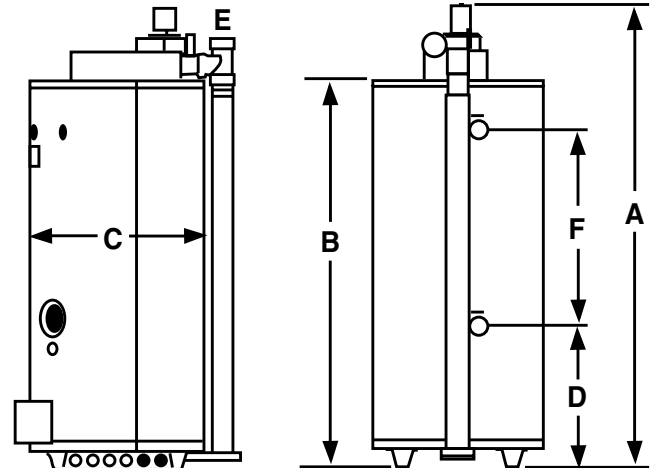
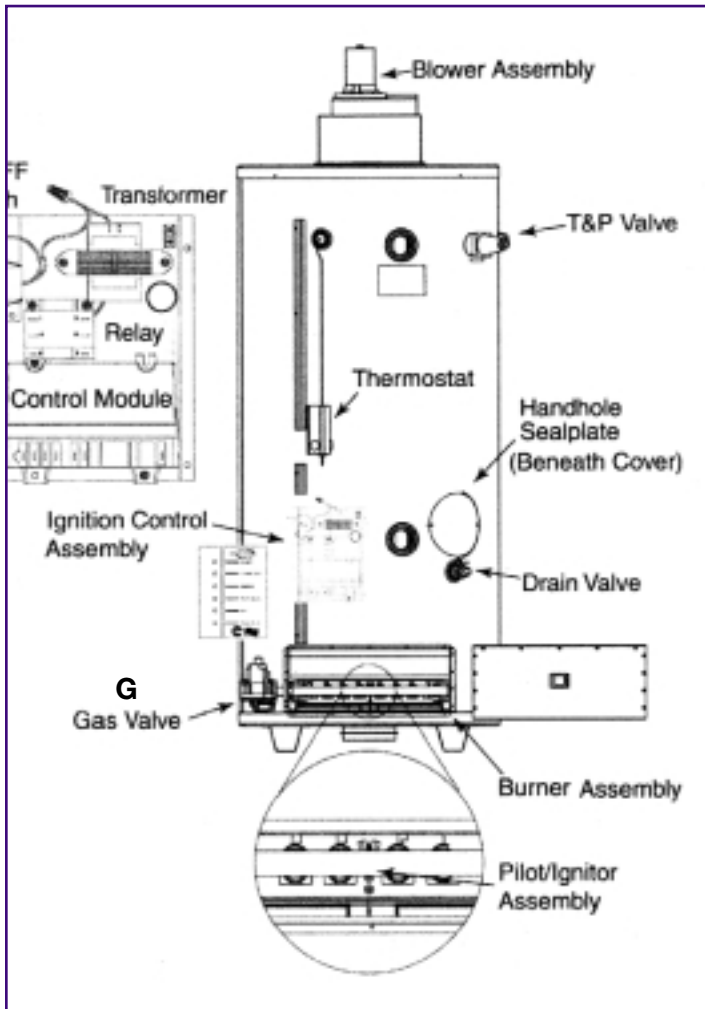
**FIRST TIME DELIVERY** (Includes useable storage and recovery for indicated times.)

MODEL NUMBER	TANK CAP. GALLONS	INPUT BTU/HR.	TEMP. RISE AT 100°F IN GALLONS							Minutes to Rec. Contents
			5 Minutes	10 Minutes	15 Minutes	20 Minutes	30 Minutes	45 Minutes	60 Minutes	
GP100-150	100	150,000	82	94	106	119	143	179	216	40
GP100-200	100	200,000	86	102	118	135	167	215	264	31

**DIMENSIONS** (inches)

MODEL NUMBER	A	B	C	D	E	F	G	WATER CONNECTIONS		APPROXIMATE SHIPPING WEIGHT
								FRONT IN/OUT	REAR SIDE	
GP100-150	81-3/4	68-1/4	30-1/4	24-3/4	3	59	3/4	2	2	860 lbs.
GP100-200	81-3/4	68-1/4	30-1/4	24-3/4	3	59	3/4	2	2	860 lbs.

**VENTMASTER PARTS:**



**COMMERCIAL WATER HEATERS**

## LIMITED WARRANTY

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This product features a three-year limited warranty against tank leaks. Please refer to Commercial Warranty Information brochure for complete warranty information.

## CERTIFICATIONS AND RATINGS

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### EFFICIENCY

These models have been tested according to ANSI test procedures, and exceed the thermal efficiency and standby loss requirements of ASHRAE Standard 90.1b-2001 (Part of the Federally mandated Energy Policy Act (EPact)). Also exceeds energy efficiency codes of all states including California Energy Commission (CEC).

### SAFETY AND CONSTRUCTION

These products are design certified by CSA:

- a) For operation up to 180°F.
- b) To meet all safety and construction requirements of ANSI Z21.10.3.
- c) As an automatic storage or instantaneous water heater.
- d) As an automatic circulating tank water heater.
- e) For operation on combustible floors and in alcove installations.

### CERTIFIED FOR A 150 PSI MAXIMUM WORKING PRESSURE.



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

**Rheem Water Heaters**  
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**C O M M E R C I A L  
W A T E R H E A T E R S**