



The new degree of comfort.™



Residential Gas
Professional Classic
 Power Direct Vent Water Heaters

Professional Classic™ Power Direct Vent gas water heaters are a perfect choice for tight construction or when indoor air quality is a concern

Efficiency

- 0.62 - 0.67** EF

Performance

- FHR: Up to 139 gallons for natural and LP gas
- Recovery: 40.4 to 65.7 at a 90 degree rise

Self-Diagnostic System

- Electronic gas control for improved monitoring and service



Low Emissions

- Eco-friendly burner, low NOx design

Features

- Two pipe system: one pipe pulls in outside air for combustion and the other exhausts combustion gases
- 120 VAC powered blower
- New whisper quiet blower

Flammable Vapor Detection System

- Protective control system that disables the heater in the presence of flammable vapor accumulation

Flexible Venting Options

- Long venting lengths up to 100 feet
- PVC or CPVC certified to ULC-S636 vent pipe options
- Vertical or horizontal termination
- Concentric vent kit available

Longer Life

- Premium grade anode rod provides long-lasting tank protection

High Altitude Compliant

- Models are certified for applications up to 10,200 feet above sea level

Plus...

- Enhanced flow brass drain valve
- Temperature and pressure relief valve included
- Low lead compliant
- Durable silicon nitride igniter (HSI)
- Side taps for space heating applications on 50-65-gallon model
- EverKleen™ patented system fights sediment build-up
- Standard replacement parts

Warranty

- 6-Year limited tank and parts warranty*
- With ProtectionPlus™ the 6-year limited tank warranty becomes 10-year ProtectionPlus™ – order part number SP20904 (6 pack only)
- With ProtectionPlus™ the 6-year limited tank warranty becomes 8-year ProtectionPlus™ – order part number SP20081 (6 pack only)

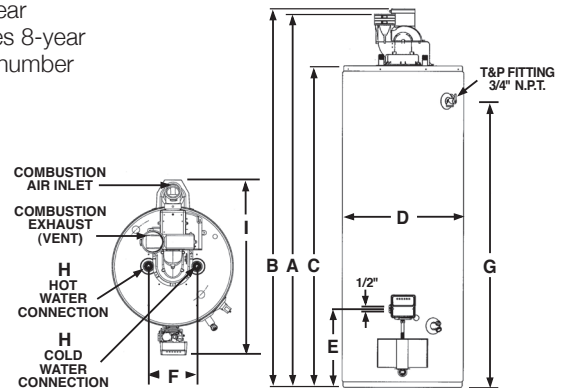
*See Residential Warranty Certificate for complete information



Professional Classic™
Power Direct Vent
 40 to 50-Gallon Capacities
 Up to 65,000 Btu/h
 Natural and LP Gas



LEED Point = 1



DESCRIPTION		FEATURES						ROUGHING IN DIMENSIONS (SHOWN IN INCHES)										ENERGY INFO.			
TYPE	GAL. CAP.	NATURAL GAS MODEL NUMBER	GAS INPUT IN THOUS. BTU/H		RECOVERY IN G.P.H. 90° RISE		FIRST HOUR DEL. G.P.H.		HT. TO TOP OF VENT A	HT. TO TOP OF AIR INLET B	TANK HT. C	DIAM. D	HT. TO GAS CONN. E	WATER CONN. CNTR. F	HT. TO SIDE T&P VALVE G	WATER CONN. SIZE H	FRONT TO BACK I	SHIP. WT. (LBS)	ENERGY FACTOR		AVG. ANNUAL OPER. COST NAT
			NAT.	LP	NAT.	LP	NAT.	LP											NAT.	LP	
Tall	40	PROG40T-40N CN67 PDV**	40	38	40.4	38.4	73	73	68-1/2	69-1/4	60-1/4	19-3/4	14	8	53-3/4	3/4	29-1/2	180	0.67	0.67	\$272
Tall	50	PROG50T-40N CN67 PDV**	40	40	40.4	40.4	93	93	67-5/8	67-7/8	59-3/8	21-3/4	14	8	52-3/4	3/4	31-1/2	205	0.67	0.67	\$272
Tall	50	PROG50T-65N CN62 PDV	65	47	65.7	47.5	111	92	67-5/8	68-3/8	59-3/8	21-3/4	14	8	52-3/4	3/4	31-1/2	210	0.62	0.62	\$294

Specify LP gas when ordering. Add gas input and "P" to model number. Example: PROG40T-38P CN67 PDV

**ENERGY STAR® qualified models.

See venting chart on back.



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Air-Inlet Venting Information for PROG40T-40N CN67 PDV and PROG50T-40N CN67PDV

From Sea Level Through 5,999 ft. Above Sea Level					
Model	Vent & Combustion Air-Inlet System Diameter (Inches)	Min. Allowed Equivalent Vent & Combustion Air-Inlet Lengths – Each Pipe Run (Ft.)	Max. Allowed Equivalent Vent & Combustion Air-Inlet Lengths – Each Pipe Run (Ft.)	Vent and Combustion Air-Inlet System Termination(s)	
PROG40T-40N CN67 PDV	2	7	30	90° Elbows	Concentric*
PROG40T-40N CN67 PDV	3	7	60	90° Elbows	–
PROG40T-40N CN67 PDV	3	7	50	–	Concentric*
PROG50T-40N CN67PDV	2	7	30	90° Elbows	Concentric*
PROG50T-40N CN67PDV	3	7	60	90° Elbows	–
PROG50T-40N CN67PDV	3	7	50	–	Concentric*

From 6,000 ft. Above Sea Level Through 7,700 ft. Above Sea Level					
Model	Vent & Combustion Air-Inlet System Diameter (Inches)	Min. Allowed Equivalent Vent & Combustion Air-Inlet Lengths – Each Pipe Run (Ft.)	Max. Allowed Equivalent Vent & Combustion Air-Inlet Lengths – Each Pipe Run (Ft.)	Vent and Combustion Air-Inlet System Termination(s)	
PROG40T-40N CN67 PDV	2	7	15	90° Elbows	–
PROG40T-40N CN67 PDV	2	7	30	–	Concentric*
PROG40T-40N CN67 PDV	3	7	60	90° Elbows	–
PROG40T-40N CN67 PDV	3	7	50	–	Concentric*
PROG50T-40N CN67PDV	2	7	15	–	Concentric*
PROG50T-40N CN67PDV	3	7	60	90° Elbows	–
PROG50T-40N CN67PDV	3	7	50	–	Concentric*

From 7,701 ft. Above Sea Level Through 10,200 ft. Above Sea Level					
Model	Vent & Combustion Air-Inlet System Diameter (Inches)	Min. Allowed Equivalent Vent & Combustion Air-Inlet Lengths – Each Pipe Run (Ft.)	Max. Allowed Equivalent Vent & Combustion Air-Inlet Lengths – Each Pipe Run (Ft.)	Vent and Combustion Air-Inlet System Termination(s)	
PROG40T-40N CN67 PDV	2	7	15	–	Concentric*
PROG40T-40N CN67 PDV	3	7	60	90° Elbows	–
PROG40T-40N CN67 PDV	3	7	50	–	Concentric*
PROG50T-40N CN67PDV	3	7	60	90° Elbows	–
PROG50T-40N CN67PDV	3	7	50	–	Concentric

Air-Inlet Venting Information for PROG50T-65N CN62 PDV

From Sea Level Through 2,000 ft. Above Sea Level					
Model	Vent & Combustion Air-Inlet System Diameter (Inches)	Min. Allowed Equivalent Vent & Combustion Air-Inlet Lengths – Each Pipe Run (Ft.)	Max. Allowed Equivalent Vent & Combustion Air-Inlet Lengths – Each Pipe Run (Ft.)	Vent and Combustion Air-Inlet System Termination(s)	
PROG50T-65N CN62 PDV	3	7	50	90° Elbows	–
PROG50T-65N CN62 PDV	3	7	40	–	Concentric*
PROG50T-65N CN62 PDV	4	7	100	90° Elbows	–

From 2,001 ft. Above Sea Level Through 5,999 ft. Above Sea Level					
Model	Vent & Combustion Air-Inlet System Diameter (Inches)	Min. Allowed Equivalent Vent & Combustion Air-Inlet Lengths – Each Pipe Run (Ft.)	Max. Allowed Equivalent Vent & Combustion Air-Inlet Lengths – Each Pipe Run (Ft.)	Vent and Combustion Air-Inlet System Termination(s)	
PROG50T-65N CN62 PDV	3	7	50	90° Elbows	–
PROG50T-65N CN62 PDV	3	7	40	–	Concentric*
PROG50T-65N CN62 PDV	4	7	100	90° Elbows	–

From 6,000 ft. Above Sea Level Through 7,700 ft. Above Sea Level					
Model	Vent & Combustion Air-Inlet System Diameter (Inches)	Min. Allowed Equivalent Vent & Combustion Air-Inlet Lengths – Each Pipe Run (Ft.)	Max. Allowed Equivalent Vent & Combustion Air-Inlet Lengths – Each Pipe Run (Ft.)	Vent and Combustion Air-Inlet System Termination(s)	
PROG50T-65N CN62 PDV	3	7	50	90° Elbows	–
PROG50T-65N CN62 PDV	3	7	40	–	Concentric*
PROG50T-65N CN62 PDV	4	7	100	90° Elbows	–

From 7,701 ft. Above Sea Level Through 10,200 ft. Above Sea Level					
Model	Vent & Combustion Air-Inlet System Diameter (Inches)	Min. Allowed Equivalent Vent & Combustion Air-Inlet Lengths – Each Pipe Run (Ft.)	Max. Allowed Equivalent Vent & Combustion Air-Inlet Lengths – Each Pipe Run (Ft.)	Vent and Combustion Air-Inlet System Termination(s)	
PROG50T-65N CN62 PDV	3	7	25	90° Elbows	–
PROG50T-65N CN62 PDV	3	7	20	–	Concentric*
PROG50T-65N CN62 PDV	4	7	100	90° Elbows	–

- One 90° elbow is approximately equivalent to 5 feet of pipe. One 45° elbow is approximately equivalent to 2.5 feet of pipe.
- * Use only Rheem 3 inch concentric termination.

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

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