



The new degree of comfort.®



Residential Gas  
**Professional Classic**  
Powered Damper Water Heaters

## Professional Classic™ Powered Damper gas water heaters

### Performance

- FHR: 72 - 84 gallons
- Recovery rate is up to 40.4 gallons at a 90 degree rise

### Self-Diagnostic System

- Electronic gas control for improved monitoring and service



### Low Emissions

- Eco-friendly burner, low NOx design
- Meets 40 ng/J NOx requirements

### Technology

- 24 VAC flue damper, 110 VAC outlet required
- Includes 9-foot cord, 3-prong plug
- Standard Cat. I, double-wall, B-vent, 3" (4" adaptor included)

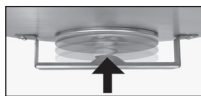


### What is a Powered Damper?

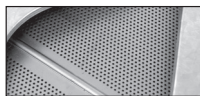
The 24-volt powered flue damper is positioned atop the unit. It opens and closes automatically in response to gas-burner activity. When the combustion stops, it signals the damper to close, trapping the heat inside the flue and delivering more heat to the water.

### Guardian System™ & Sensor

- Exclusive air/fuel shut-off device
- Maintenance free – no filter to clean
- Disables the heater in the presence of flammable vapor accumulation



Combustion Shut-off System



Flame Arrester Plate



Maintenance Free



EcoNet™ enabled WiFi-connected† technology and free mobile app gives users control over water systems, allowing for customizable temperature, vacation settings, energy savings and system monitoring at home or away. Visit [Rheem.com/EcoNetConnect](http://Rheem.com/EcoNetConnect)



- Water sensor detects water outside of the unit and sends an alert via the free EcoNet™ mobile app to the homeowner
- EcoNet™ WiFi Kit part number EEWRA631GWH sold separately

† WiFi broadband internet connection required.

### Longer Life

- Premium grade anode rod provides long-lasting tank protection

### High Altitude Compliant

- Certified to 10,100 ft. above sea level (50-gallon 50K Btu/h model certified to 5,999 feet above sea level)

### Plus...

- Dual certified for both potable water and space heating
- Enhanced flow brass drain valve
- Temperature and pressure relief valve included
- Low lead compliant
- 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**  
**Powered Damper**  
38, 40 and 50-Gallon Capacities  
Up to 40,000 Btu/h  
Natural and LP Gas



See dimensions chart on back.



INTEGRATED HOME COMFORT



The new degree of comfort.

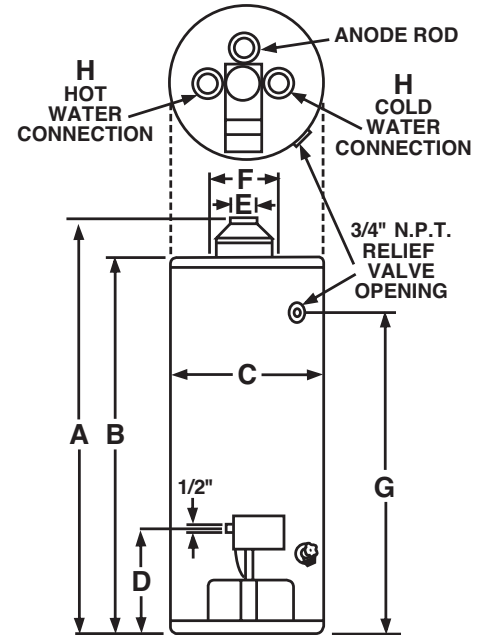


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## Professional Classic™ Power Dampered Specifications

TYPE	DESCRIPTION			FEATURES					ROUGHING IN DIMENSIONS (SHOWN IN INCHES)								ENERGY INFO.		
	NOMINAL GAL. CAP.	RATED GAL. CAP.	MODEL NUMBER	GAS INPUT IN THOUS. BTU/H		RECOVERY IN G.P.H. 90° RISE		FIRST HOUR DEL. G.P.H.	HT. TO VENT A	TANK HT. B	DIAM. C	HT. TO GAS CONN. D	VENT SIZE E	WATER CONN. CNTR. F	HT. TO SIDE T&P VALVE G	WATER CONN. SIZE H	SHIP. WT. (LBS)	ENERGY FACTOR (EF)	UNIFORM ENERGY FACTOR (UEF)
				NAT.	LP	NAT.	LP	NAT.											
Short	40	39	PROG40S-40N CN67 PD	40	36	40.4	36.4	69	55-1/2	50-1/2	21-3/4	14	3 or 4	8	44	3/4	140	0.67	0.65
Short	50	48	PROG50S-40N CN67 PD	40	36	40.4	36.4	78	55-1/2	50-1/2	23-3/4	14	3 or 4	8	44	3/4	160	0.67	0.69
Tall	38	37	PROG40T-40N CN69 PD	40	36	40.4	36.4	85	62-3/4	57-3/4	19-3/4	14	3 or 4	8	52-1/4	3/4	140	0.69	0.70
Tall	50	48	PROG50T-40N CN67 PD	40	36	40.4	36.4	79	63	58	21-3/4	14	3 or 4	8	52-1/2	3/4	160	0.67	0.69

Specify LP when ordering. Add gas input and "P" to the model number. Example: PROG40S-36P CN67 PD



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

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