



The new degree of comfort.®



Residential Gas  
**Professional Prestige**  
Powered Damper ULN Water Heaters

## Professional *Prestige*® Powered Damper Ultra Low NOx gas water heaters meet 10 ng/J NOx emissions and offer a 12-year limited warranty

### Efficiency

- .64 - .70 UEF
- ENERGY STAR® rated

### Performance

- FHR: 86 gallons for 50-gallon model and 65 gallons for 40-gallon
- Recovery: 36.4 GPH at a 90° F rise

### Self-Diagnostic System

- Electronic gas control for improved monitoring and service

### Low Emissions

- Ultra low NOx 36,000 Btu/h burner
- Meets 10 ng/J NOx requirements
- SCAQMD Rule 1121 compliant



- EcoNet® 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 included

### Technology

- 24 VAC flue damper, 110 VAC outlet required
- Includes 19-foot cord, 3-prong plug
- Standard Cat. I, double-wall, B-vent, 3" (4" adaptor included)

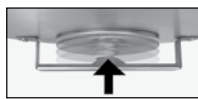


### What is a Powered Damper?

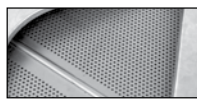
The 24-volt powered flue damper is positioned atop the unit. It opens and closes automatically in response to gas-burner activity. When the combustion stops, it signals the damper to close, trapping the heat inside the flue and delivering more heat to the water.

### 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 Arrestor Plate



Maintenance Free

### Longer Life

- Premium grade anode rod provides long-lasting tank protection

### High Altitude Compliant

- Certified to 10,200 ft. 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
- EverKleen™ patented system fights sediment build-up
- Standard replacement parts

### Warranty

- 12-Year limited tank and parts warranty\*

\*See Residential Warranty Certificate for complete information

† WiFi broadband internet connection required

Units meet or exceed ANSI requirements and have been tested according to D.O.E. procedures. Units meet or exceed the energy efficiency requirements of NAECA, ASHRAE standard 90, ICC Code and all state energy efficiency performance criteria.



**Professional Prestige**  
**Powered Damper**  
**Ultra Low NOx**  
40 and 50-Gallon Capacities  
36,000 BTU/h  
Natural Gas



LEED Point = 1

See specifications chart on back.



INTEGRATED HOME COMFORT



The new degree of comfort.®

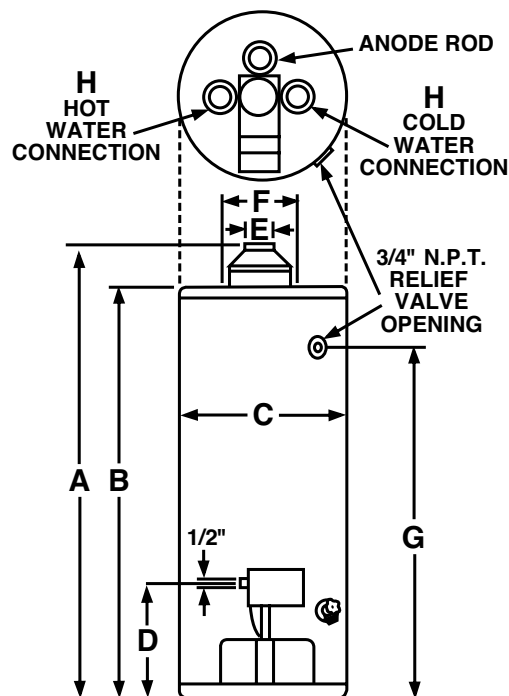


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## Professional Prestige® Powered Damper Ultra Low NOx Specifications

DESCRIPTION				FEATURES			ROUGHING IN DIMENSIONS (SHOWN IN INCHES)									ENERGY INFO.
T Y P E	NOMINAL GALLON CAPACITY	RATED GALLON CAPACITY	MODEL NUMBER	GAS INPUT IN THOUS. BTU/H NAT.	RECOVERY IN G.P.H. 90° F RISE NAT.	UEF FIRST HR. DEL. G.P.H. NAT.	HT. TO VENT A	TANK HEIGHT B	DIAM. C	HT. TO GAS CONN. D	VENT SIZE E	WATER CONN. CENTER F	HT. TO SIDE T&P VALVE G	WATER CONN. SIZE H	SHIP WT. (LBS)	UNIFORM ENERGY FACTOR (UEF)
Tall	40	38	PROP G40-36U RH68 PD	36	36.4	65	65	60	21	17-3/8	3 or 4	8	54	3/4	150	0.64
Tall	50	48	PROP G50-36U RH68 PD	36	36.4	86	64-3/4	59-3/4	23	17-3/8	3 or 4	8	53-3/4	3/4	180	0.70

Uniform Energy Factor and rated gallon capacity based on Department of Energy (DOE) requirements.



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

Rheem Water Heating • 1115 Northmeadow Parkway, Suite 100  
Roswell, Georgia 30076 • [www.rheem.com](http://www.rheem.com)



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