



The new degree of comfort.®



Residential Gas
Professional Classic Plus
Powered Damper ULN Water Heaters

Professional Classic Plus® Powered Damper Ultra Low NOx gas water heaters are SCAQMD Rule compliant and meet 10 ng/J NOx emissions

Efficiency

- .64 - .68 UEF
- ENERGY STAR® rated

Performance

- FHR: 86 gallons for 50-gallon model and 67 gallons for 40-gallon
- Recovery: 38 GPH at a 90° F rise

Self-Diagnostic System

- Electronic gas control for improved monitoring and service

Low Emissions

- Ultra low NOx 38,000 BTU/h burner
- Meets 10 ng/J NOx requirements
- SCAQMD Rule 1121 compliant

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)

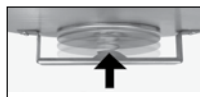


What is a Powered Damper?

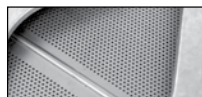
The 24-volt powered flue damper is positioned atop the unit. It opens and closes automatically in response to gas-burner activity. When the combustion stops, it signals the damper to close, trapping the heat inside the flue and delivering more heat to the water.

Guardian System™ & Sensor

- Exclusive 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 5,250 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

- 8-Year limited tank and parts warranty*
- With ProtectionPlus™ the 8-year limited tank warranty becomes 12-year

*See Residential Warranty Certificate for complete information

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 Classic Plus Powered Damper Ultra Low NOx

40 and 50-Gallon Capacities
38,000 BTU/h
Natural Gas



LEED Point = 1

See specifications chart on back.



INTEGRATED HOME COMFORT



The new degree of comfort.®

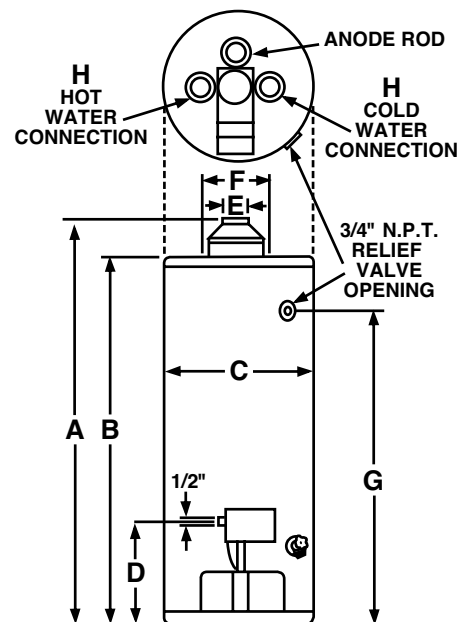


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Professional *Classic Plus*® Powered Damper Ultra Low NOx Specifications

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.	FIRST HOUR RATING (GALLONS)	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	PRO+G40-38U RH67 PD	38	38	67	65	60-1/4	19-3/4	13	3 or 4	8	53-1/2	3/4	140	0.64
Tall	50	48	PRO+G50-38U RH67 PD	38	38	86	64	59-1/4	21-3/4	13	3 or 4	8	52-1/2	3/4	150	0.68

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.

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