Professional™ ULN Powered Damper Water Heaters

Professional™ Ultra Low NOx powered damper gas water heaters are SCAQMD compliant and exceed the latest ENERGY STAR® requirements

Efficiency

- .68 EF exceeds ENERGY STAR® Phase II requirements, Sept. 2010

Performance

- FHR: 93 gallons for 50-gallon model and 71 gallons for 40-gallon
- Recovery rate is 36.4 gallons at a 90 degree rise for both models

Self-Diagnostic System

- Integrated system control for easy installation and service

Low Emissions

- Ultra low NOx 36,000 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 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

Maintenance Free

Longer Life

- Patented magnesium anode rod with resistor protects the tank from rust

High Altitude Compliant

- Certified to 10,100 ft. above sea level

Plus…

- Dual certified for both potable water and space heating
- Brass drain valve and temperature and pressure relief valve are included
- Standard replacement parts

Warranty

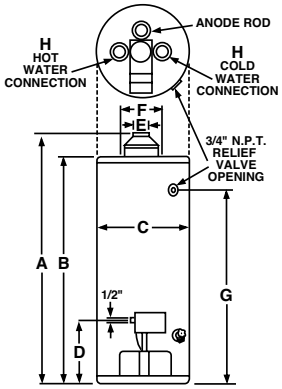
- 8-Year limited tank and parts warranty with a professional installation*
- With ProtectionPlus™ the 8-year limited tank warranty becomes 12-year

*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 Ultra Low NOx

Powered Damper
40 and 50-Gallon Capacities
Natural Gas



DESCRIPTION			FEATURES			ROUGHING IN DIMENSIONS (SHOWN IN INCHES)									ENERGY INFO.	
TYPE	GAL. CAP	MODEL NUMBER	GAS INPUT IN THOUS. BTU/H NAT.	RECOVERY IN G.P.H. 90° RISE NAT.	FIRST HOUR RATING (GAL.) NAT.	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 G	WATER CONN. H	SHIP. WT. (LBS)	ENERGY FACTOR NAT.	AVG. ANN. OPER. COST NAT.
TALL	40	P40PRONE2	36	36.4	71	65	60	21	17-3/8	3 or 4	8	54	3/4	150	0.68	$268
	50	P50PRONE2	36	36.4	93	64-3/4	59-3/4	23	17-3/8	3 or 4	8	53-3/4	3/4	180	0.68	$268

Energy Factor and Average Annual Operating Costs based on D.O.E. (Department of Energy) test procedures. D.O.E. national average fuel rate natural gas $1.218/therm; LP $1.87/gallon.

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

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