The new degree of comfort.™

The energy efficient Professional™ powered damper gas water heaters meet or exceed the latest ENERGY STAR® requirements

Efficiency

- .67 - .69 EF meet or exceed ENERGY STAR® Phase II requirements, Sept. 2010

Performance

- FHR: 68 - 89-gallons
- Recovery rate is up to 40.4 gallons at a 90 degree rise

Self-Diagnostic System

- Integrated system control for easy installation 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 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

Longer Life

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

High Altitude Compliant

- Certified to 10,200 ft. above sea level (50-gallon 50K Btu/h model certified to 6,000 feet above sea level)

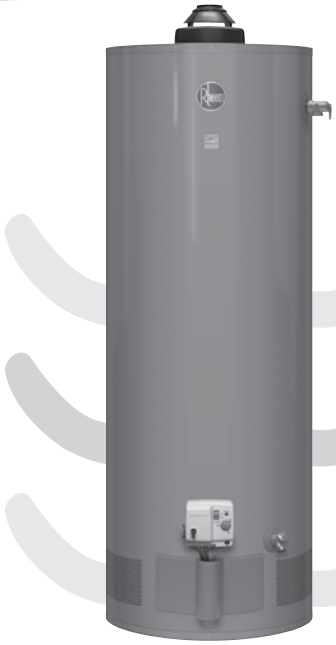
Plus…

- 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 6-year limited parts warranty with a professional installation*
- With ProtectionPlus™ the 8-year limited tank warranty becomes 10-year

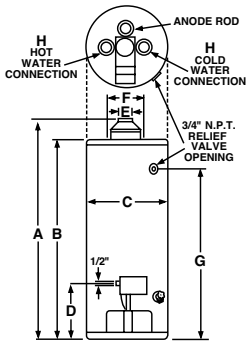
*See Residential Warranty Certificate for complete information



Professional

Powered Damper
38, 40 and 50-Gallon Capacities
Natural and LP Gas

LEED Point = 1



DESCRIPTION			FEATURES					ROUGHING IN DIMENSIONS (SHOWN IN INCHES)									ENERGY INFO.	
TYPE	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 G	WATER CONN. H	SHIP. WT. (LBS)	ENERGY FACTOR NAT.	AVG. ANN. OPER. COST NAT.
			NAT.	LP	NAT.	LP	NAT.											
SHORT	40	PRO40S-40E2	40	36	40.4	36.4	72	55-1/2	50-1/2	21-3/4	14	3 or 4	8	44	3/4	140	0.67	$272
	50	PRO50S-40E2	40	36	40.4	36.4	89	55-1/2	50-1/2	23-3/4	14	3 or 4	8	44	3/4	160	0.67	$272
TALL	38	PRO40-40E2	40	36	40.4	36.4	68	62-3/4	57-3/4	19-3/4	14	3 or 4	8	52-1/4	3/4	140	0.69	$264
	50	PRO50-40E2	40	36	40.4	36.4	84	63	58	21-3/4	14	3 or 4	8	52-1/2	3/4	160	0.68	$268

Specify LP gas when ordering. Add "P" suffix to the model number. Example: PRO40-40PE2.

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

Rheem Water Heating • 101 Bell Road
Montgomery, Alabama 36117-4305 • www.rheem.com

Rheem Canada Ltd./Ltée • 125 Edgeware Road, Unit 1
Brampton, Ontario L6Y 0P5 • www.rheem.com

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