

Richmond® Essential Plus

The Water Heater Experts

Essential Plus Powered Damper gas water heaters are energy efficient and offer a 9-year warranty

Efficiency

- .67 - .69 EF
- ENERGY STAR® rated

Performance

- FHR: 68 - 89 gallons
- Recovery: 36.4 to 40.4 GPH at a 90° F rise, depending on model

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 19-foot cord, 3-prong plug
- Standard Cat. I, double-wall, B-vent, 3" (4" adaptor included)

Flammable Vapor Detection System

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

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
- Temperature and pressure relief valve included
- Low lead compliant
- Standard replacement parts

Warranty

- 9-Year limited tank and parts warranty*

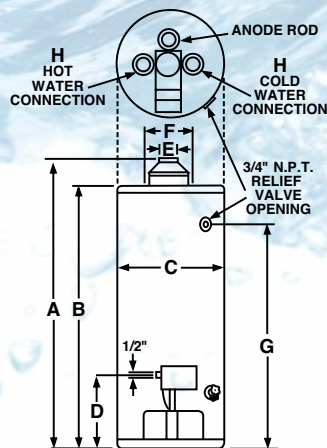
*See Residential Warranty Certificate for complete information

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.



Essential Plus Powered Damper

38, 40 and 50-Gallon Capacities
Up to 40,000 Btu/h
Natural and LP Gas



LEED Point = 1

TYPE	DESCRIPTION		FEATURES				ROUGHING IN DIMENSIONS (SHOWN IN INCHES)										ENERGY INFO.	
	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	ESTIMATED YEARLY ENERGY COST
Tall	38	★ 9G40-40E2	40	–	40.4	–	68	62-3/4	57-3/4	19-3/4	14	3 or 4	8	52-1/4	3/4	140	0.69	\$237
Tall	38	★ 9G40-36PE2	–	36	–	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	\$573
Tall	50	★ 9G50-40E2	40	–	40.4	–	84	63	58	21-3/4	14	3 or 4	8	52-1/2	3/4	160	0.67	\$244
Tall	50	★ 9G50-36PE2	–	36	–	36.4	84	63	58	21-3/4	14	3 or 4	8	52-1/2	3/4	160	0.67	\$590
Short	40	★ 9G40S-40E2	40	–	40.4	–	72	55-1/2	50-1/2	21-3/4	14	3 or 4	8	44	3/4	140	0.67	\$244
Short	40	★ 9G40S-36PE2	–	36	–	36.4	72	55-1/2	50-1/2	21-3/4	14	3 or 4	8	44	3/4	140	0.67	\$590
Short	50	★ 9G50S-40E2	40	–	40.4	–	89	55-1/2	50-1/2	23-3/4	14	3 or 4	8	44	3/4	160	0.67	\$244
Short	50	★ 9G50S-36PE2	–	36	–	36.4	89	55-1/2	50-1/2	23-3/4	14	3 or 4	8	44	3/4	160	0.67	\$590

Estimated energy cost based on a national average fuel cost of \$1.09/therm for natural gas and \$2.41/gallon for LP. Energy Factor based on D.O.E. (Department of Energy) test procedures.

★ ENERGY STAR® compliant model.

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