



Standard Rheemglas® Energy Miser® Electric Water Heater



Available in 30, 40, 50, 65, 80 and 120 Gallon Tall – 30 and 50 Gallon Medium – 20, 30, 40, 47 and 50 Gallon Short Models

► 6-Year Limited Tank and Parts Warranty*

- Brass drain valve
- Temperature and pressure relief valve included
- Isolated tank design reduces conductive heat loss
- High efficiency resistored heating elements
- Anode rod equalizes aggressive water action
- Electric junction box located above heating elements for easy installation
- Over-temperature protector cuts off power in excess temperature situations
- Automatic thermostat keeps water at desired temperature
- Meets California Energy Commission standards for new residential construction**

- Meets or exceeds requirements of the National Appliance Energy Conservation Act (NAECA)

HE HIGH EFFICIENCY MODELS FEATURE:

- High performance and recovery
- R-Foam® insulation process with approx. R-value of R-20
- Compliant with many electric utility incentive programs

*See Residential Warranty Information Brochure for complete warranty information.

** Title 24, Section 2-5352(i)

Energy Factor and Average Annual Operating Costs based on D.O.E. (Department of Energy) test procedures. D.O.E. national average fuel rate electricity 8.41¢/KWH.



DESCRIPTION			FEATURES		ROUGHING IN DIMENSIONS (SHOWN IN INCHES)				ENERGY INFORMATION		
T Y P E	GAL. CAP.	MODEL NUMBER	FIRST HOUR RATING G.P.H.	RECOVERY IN G.P.H. @ 90° RISE	TANK HEIGHT A	HEIGHT TO WATER CONN. B	DIAMETER C	APPROX. SHIP WT. (LBS.)	ENERGY FACTOR	AVERAGE ANNUAL OPER. COST	APPROX. R- FACTOR
T A L L	30	82VR30-2	47	21	45	45	19	82	0.93	\$397	R-20
	40	82VR40-2	56	21	45-3/4	45-3/4	21	100	0.93	\$397	R-20
	50	82VR52-2	61	21	56-1/2	56-1/2	21	118	0.93	\$397	R-20
	65	82VR66-2	73	21	58-1/4	58-1/4	23	160	0.91	\$406	R-20
	80	82VR80-2	92	21	58-1/2	58-1/2	24-1/2	180	0.91	\$406	R-17.3
MED.	50	82MVR52-2	62	21	45-1/2	45-1/2	23	130	0.93	\$397	R-20
T A L L	30	81V30D	48	21	45	45	17	76	0.91	\$406	R-11.5
	40	81V40D	54	21	46	46	19	94	0.88	\$420	R-11.5
	40	81VH40D	53	21	58-1/2	58-1/2	17	96	0.91	\$406	R-11.5
	50	81V52D	61	21	56-1/2	56-1/2	19	105	0.88	\$420	R-11.5
	65	81V66D	71	21	58	58	21	150	0.88	\$420	R-11.5
	80	81V80D	92	21	58-1/2	58-1/2	23	164	0.82	\$450	R-11.5
M E D.	120	81V120D	110	21	62	62	28-1/4	324	0.81	\$456	R-16.7
	30	81MV30D	46	21	35-1/4	35-1/4	19	76	0.89	\$415	R-11.5
	50	81MV52D	63	21	45-1/2	45-1/2	21	114	0.86	\$430	R-11.5
	20	81SV20D	—	21	31	31	17	62	0.90	\$410	R-11.5
	30	81SV30D	41	21	29	29	21	90	0.89	\$415	R-11.5
	40	81SV40D	48	21	31-1/2	31-1/2	23	115	0.88	\$420	R-11.5
S H O R T	47	81SV50D	55	21	32	32	26-1/4	147	0.87	\$425	R-16.7
	50	81SV52D	57	21	38-1/4	38-1/4	23	130	0.86	\$430	R-11.5

- Heaters furnished with standard 240 volt AC, single phase non-simultaneous wiring, and 4500 watt upper and lower heating elements.
- If heating elements of different wattages than those shown are demanded by zone requirements, they must be specifically requested.
- Single element models available on special order (6000W max.). Substitute "S" for "D" in model number.
- Special Wiring Options – A limited number of special wiring options are available. Consult factory for price and availability.

Recovery = wattage/2.42 x temp. rise °F.

Example: $\frac{4500W}{2.42 \times 90} = 21 \text{ GPH}$

These units are designed to meet or exceed ANSI (American National Standards Institute) requirements and have been tested according to D.O.E. test procedures and meet or exceed the energy efficiency requirements of NAECA, ASHRAE standard 90, BOCA Code and all state energy efficiency performance criteria for energy consuming appliances.

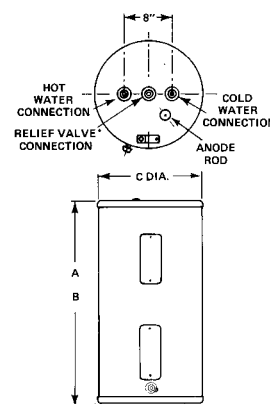
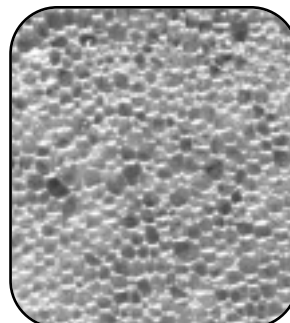
Before purchasing this appliance, read important energy cost and efficiency information available from your retailer.

R-Foam Rigid Polyurethane Foam

Monocellular rigid polyurethane foam insulation is formulated to provide low thermal conductivity.

This process forms a compact bubble pattern* around the tank. The uniform application minimizes the possibility of costly heat loss caused by numerous uninsulated areas discovered in earlier foam processes.

*Magnified over 10X.



WATER CONNECTIONS ALL 3/4" N.P.T.
SIDE CONNECT RELIEF VALVE ON 81SV50D

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

Rheem Manufacturing Company • Water Heater Division • Post Office Box 244020 • Montgomery, Alabama 36124-4020