



The new degree of comfort.™



Residential Solar Gas
Solaraide HE Water Heaters

Solaraide™ HE is a gas assist water heater that provides a single-tank solution for closed loop solar water heating systems

Features & Benefits

- Double wall, high efficiency solar heat exchanger
- Fast recovery, 75 gallon capacity for high demand applications
- For use in residential closed loop solar water heating systems

Easy Installation and Maintenance

- Front solar connections for easy installation
- Durable brass drain valve for easy maintenance

Tank Design & Construction

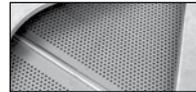
- Low NOx burner design
- Cold water inlet brings cold water to tank bottom to prevent mixing with heated water
- Rheemglas® tank lining resists corrosion and prolongs tank life
- Anode rod equalizes aggressive action for prolonged tank life
- Temperature and pressure relief valve included
- Automatic temperature control and over heat protection

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



Flame Arrestor Plate



Maintenance Free

Warranty

- 6-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.



Solaraide HE Tanks
75-Gallon Capacity
Heat Exchanger | Low NOx
75.1 Btu/h | Natural Gas

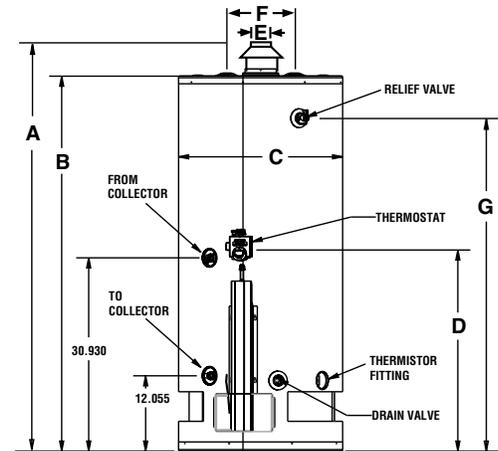
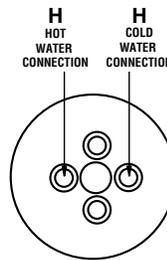


Copper Coil Data (Type L Copper)

Maximum pressure = 150 PSI • Tube I.D. = 5/8"

Solaraide HE Tank Capacity	Coil Capacity Gallons	Length of Tubing Around Tank (Ft)
75 Gallons	2.2	120

PRESSURE DROP THROUGH COIL (Feet of H ₂ O)	
Flow Rate	Head Loss (Feet)
	75-Gallon
1 GPM	1.3
2 GPM	4.8
3 GPM	10.0



DESCRIPTION			FEATURES			ROUGHING IN DIMENSIONS (SHOWN IN INCHES)										
T Y P E	GAL. CAP.	MODEL NUMBER	GAS INPUT IN THOUS. BTU/H NAT.	RECOVERY IN G.P.H. 90° RISE	FIRST HOUR DELIVERY G.P.H. 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	HT. TO HEAT EXCHANGER INLET	HT. TO HEAT EXCHANGER OUTLET	SHIP. WT. (LBS)
TALL	75	RSG75	75.1	75.8	75.8	64	60	26-1/4	32	4	11	53-1/4	1	31	12	340

To prevent corrosion, proper pH levels in transfer fluid must be maintained. Solaraide models meet all current state requirements for solar storage tanks.

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



INTEGRATED HOME COMFORT