

SOLPAK™ ACTIVE / ELECTRIC BACKUP

SolPak active water heater package systems are available in 65, 80 and 120-gallon capacities.



System

- Closed loop system – glycol design
- Single and double collector systems
- System includes – Solaraide HE tank, collectors and pump station

Heat Exchanger Tank

- 65, 80 and 120-Gallon capacities
- 4500 Watts
- Provides at least 40 gallons of stored hot water
- Double wall, high efficiency solar heat exchanger
- Collector feed and return fittings located on front of tank for easy installation
- Cold water inlet brings cold water to tank bottom to prevent mixing with heated water
- Rheemglas® tank lining

Collectors

- OG-100 certified by SRCC
- Available in three sizes
- Integral mounting channel

Pump Station

- Pre-engineered assembly of quality components in a neat, compact insulated enclosure
- Includes cast iron three speed pump, advanced differential controller and balancing valve and flow meter

System Certifications

- OG-300 certification by SRCC

Warranty

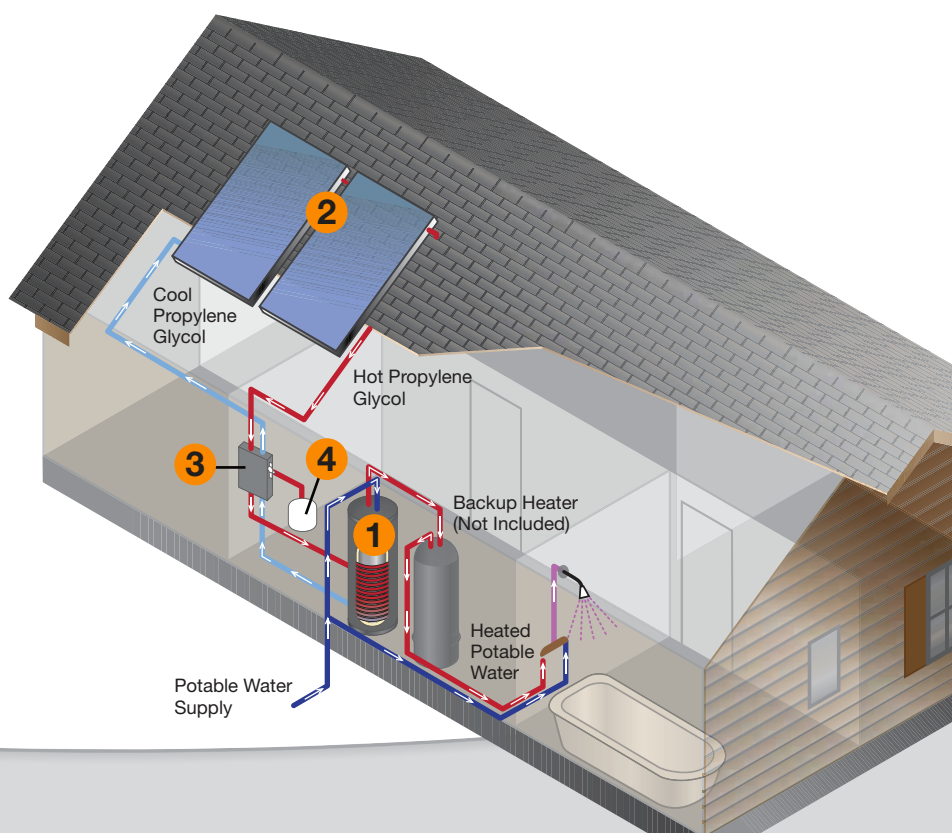
- 6-Year limited tank, 10-year limited collector and 2-year limited pump station

Please refer to Residential and SolPak Warranty Certificates

SYSTEM INFORMATION			COLLECTOR INFORMATION											WATER HEATER INFO.			
STORAGE CAPACITY (US GAL)	SYSTEM MODEL NUMBER	SOLAR ENERGY FACTOR*	NUMBER OF COLLECTOR PANELS	ABSORBER COATING	WIDTH (INCHES)	LENGTH (INCHES)	DEPTH (INCHES)	AREA SQ. FT. (GROSS)	DRY WEIGHT (LBS)	FLUID CAPACITY (US GAL)	DESIGN FLOW RATE (GPM)	MAX FLOW RATE (GPM)	MAX. OPERATING PRESSURE	HEIGHT (INCHES)	DIAMETER (INCHES)	APPROX. WEIGHT (LBS)	ELEMENT WATTAGE
65	RS65-24BP	1.4	1	Black Paint	36-1/8	98-1/4	3/1/2004	24.61	80	0.78	0.62	12	160	59	21	170	4500 W
65	RS65-32BP	1.7	1	Black Paint	48-1/8	98-1/4	3/1/2004	32.19	106	1	0.83	12	160	59	21	170	4500 W
65	RS65-40BP	1.9	1	Black Paint	48-1/8	122-1/4	3/1/2004	40.81	191	1.2	1.04	12	160	59	21	170	4500 W
80	RS80-40BP	2.4	1	Black Paint	48-1/8	122-1/4	3/1/2004	40.81	141	1.2	1.04	12	160	58-3/4	24-1/2	222	4500 W
80	RS80-48BP	2.6	2	Black Paint	36-1/8	98-1/4	3/1/2004	24.61	80	0.78	0.62	12	160	58-3/4	24-1/2	222	4500 W
120	RS120-64BP	3.2	2	Black Paint	48-1/8	98-1/4	3/1/2004	32.79	106	1	0.83	12	160	62	28-1/4	380	4500 W

* As rated by the Solar Rating & Certification Corporation (SRCC)
Energy Factor determined by U.S. Department of Energy (D.O.E.) test procedures

- 1 Heat Exchanger Tank
- 2 Collectors
- 3 Pump Station
- 4 Thermal Expansion Tank



SOLPAK™ ACTIVE / GAS BACKUP



SolPak active water heater systems with a gas assist exchange tank are available in 75-gallon capacities.

System

- Closed loop system – glycol design
- Perfect replacement for current gas water heating system
- System includes – Solaraide™ HE gas storage tank, collectors and pump station

Heat Exchanger Tank

- 75-Gallon capacity
- 75.1 Btu/h – natural gas
- Double wall, high efficiency solar heat exchanger
- Low NOx burner design
- Gas backup heating source
- Rheemglas® tank lining

Collectors

- OG-100 certified by SRCC

- Available in two sizes
- Durable low iron tempered glass
- Integral mounting channel

Pump Station

- Pre-engineered assembly of quality components in a neat, compact insulated enclosure
- Includes cast iron three speed pump, advanced differential controller and balancing valve and flow meter

System Certifications

- OG-300 certification by SRCC pending

Warranty

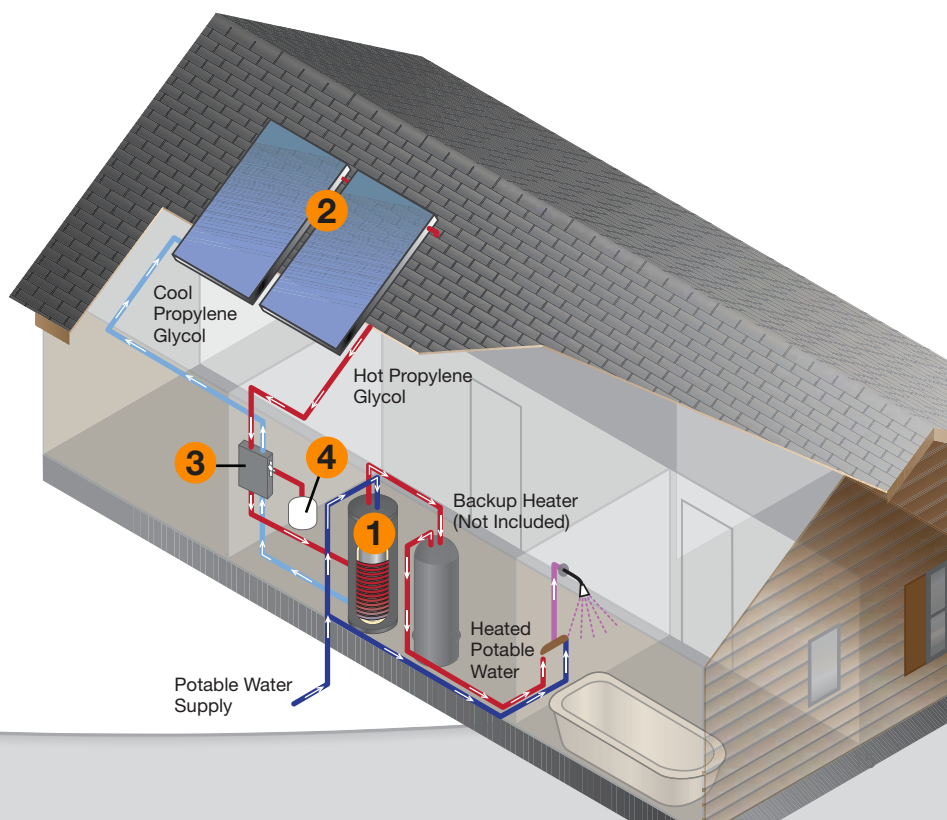
- 6-Year limited tank, 10-year limited collector and 2-year limited pump station

Please refer to Residential and SolPak Warranty Certificates.



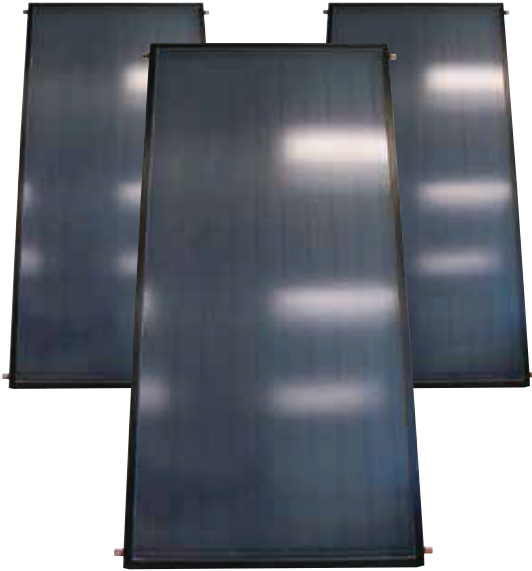
SYSTEM INFORMATION			COLLECTOR INFORMATION											WATER HEATER INFO.			
STORAGE CAPACITY (US GAL)	SYSTEM MODEL NUMBER	SOLAR ENERGY FACTOR*	NUMBER OF COLLECTOR PANELS	ABSORBER COATING	WIDTH (INCHES)	LENGTH (INCHES)	DEPTH (INCHES)	AREA SQ. FT. (GROSS)	DRY WEIGHT (LBS)	FLUID CAPACITY (US GAL)	DESIGN FLOW RATE (GPM)	MAX FLOW RATE (GPM)	MAX. OPERATING PRESSURE	HEIGHT (INCHES)	DIAMETER (INCHES)	APPROX. WEIGHT (LBS)	ELEMENT WATTAGE
75	RSG75-48BP	-	2	Black Paint	36-1/8	98-1/4	3/1/2004	24.61	80	0.78	0.62	12	150	60	26-1/4	340	75.1
75	RSG75-40BP	-	1	Black Paint	40-1/8	122-1/4	3/1/2004	40.81	141	1.2	1.04	12	160	60	26-1/4	340	75.1

- 1 Heat Exchanger Tank
- 2 Collectors
- 3 Pump Station
- 4 Thermal Expansion Tank



SOLAR COLLECTORS

Rheem's solar collectors are available in 3 sizes and come with a 10-year collector warranty.*



Collectors

- OG-100 certified by SRCC
- Durable low iron tempered glass
- Integral mounting channel for easy installation
- Stainless steel fasteners
- Suitable for open and closed loop systems
- Copper absorber plate
- Can be mounted horizontally or vertically

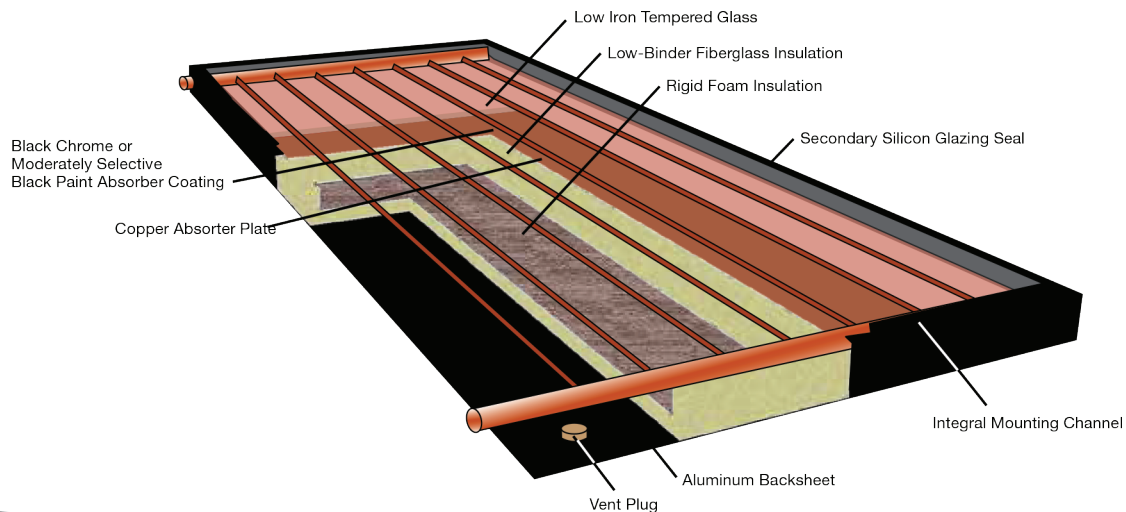
**Please refer to Residential Warranty Certificate.*

THERMAL PERFORMANCE RATINGS* BP SERIES			
Btu / ft ² / Day			
Category (Ti-Ta) Ti = inlet fluid temp. Ta = ambient air temp.	CLEAR DAY 2000 Btu / ft ² / Day	MILDLY CLOUDY DAY 1500 Btu / ft ² / Day	CLOUDY DAY 1000 Btu / ft ² / Day
A(-9°F)	1,284	971	659
B(9°F)	1,169	854	542
C(36°F)	984	677	372
D(90°F)	619	343	89
E(144°F)	280	62	—

MODEL NUMBER	ABSORBER COATING	WIDTH (INCHES)	LENGTH (INCHES)	DEPTH (INCHES)	AREA SQ. FT.	DRY WEIGHT (LBS.)	FLUID CAPACITY	DESIGN FLOW RATE (GPM)	MAX FLOW RATE (GPM)	MAX OPERATING PRESSURE
RS24-BP	Black Paint	36-1/8	98-1/4	3/1/2004	24.61	80	0.78	0.62	12	160
RS32-BP	Black Paint	48-1/8	98-1/4	3/1/2004	32.79	106	1	0.83	12	160
RS40-BP	Black Paint	48-1/8	122-1/4	3/1/2004	40.81	141	1.2	1.04	12	160

Thermal performance is obtained by multiplying the collector output for the appropriate application and insolation level by the total gross collector area.

*Collector ratings are derived from the Solar Rating & Certification Corp (SRCC) Document RM-1 and Standard OG-100.



MORE SOLAR WATER HEATING SOLUTIONS



MARATHON Thermal Storage Tanks

- 50, 85 and 105 gallon capacities
- 2 port and 3 port configurations
- Specifically designed for installation as a thermal storage tank
- Large water connections
- Tank – impervious to rust and corrosion



SOLARIDE™ HE

- Choice of two models, storage tank or single element water heater
- 80 and 120 gallon capacities
- Double wall, wrap around heat exchanger



UNIVERSAL SOLARIDE™

- Choice of two models, storage tank or single element water heater, Both specifically equipped for installation with direct solar systems
- 80 and 120 gallon capacities



SOLARIDE™ HE with Gas Assist

- For use in residential closed loop Solar water heating applications
- 75 Gallon Capacity
- Environmentally Friendly Burner

ASK ABOUT
USING
TANKLESS
WITH OUR SOLAR
SOLUTIONS

