SOLPAK™ Active Solar Water Heating Systems Featuring Marathon® Tanks





Available in 85 and 105 Gallon Capacities

- ► Lifetime Limited Tank Warranty* ► 10-Year Limited Collector Warranty**
- ▶ 5-Year Limited Tank Parts Warranty* ▶ 2-Year Pump Controller Warranty**

The System

- Closed loop glycol system
- Double collector systems
- Included: Marathon tank, collectors. pump controller, mixing valve, glycol solution (3 gallons), thermal expansion tank (for glycol loop) and more
- Sold separately: 18 AGW sensor wire, tilt mounting kits (consult factory for mounting options)

The Tank

- Strong, polybutene material built to last as long as the solar system
- Unique, corrosion resistant design will never rust
- Lightweight and easy to install
- Electrical element backup heating source

The Collectors

- Two sizes: 3'x8' and 4'x8'
- Flat plate design
- Black paint absorber coating
- OG-100 certified by SRCC
- * See Residential Warranty Certificate for complete warranty information.
- **See System Warranty Certificate for complete warranty information.









SYSTEM INFORMATION			COLLECTOR INFORMATION												WATER HEATER INFORMATION**			
STORAGE CAPACITY (US GAL)	SYSTEM MODEL NUMBER		NUMBER OF COLLECTOR PANELS		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	
85	RHSME85-48P	*	2	Black Paint	36-1/8	98-1/4	3-1/4	24.61	80	.78	0.62	12	150	66-1/4	28-1/4	134	4500 W	
105	RHSME105-64P	*	2	Black Paint	48-1/8	98-1/4	3-1/4	32.79	106	1.0	0.83	12	150	66-3/4	30-1/4	152	4500 W	

*Rating by the Solar Rating & Certification Corporation (SRCC) pending.

**240V AC





Solar Control System



Collectors

The Pump Controller

Combines a variable speed solar collector circulator, storage tank circulator, digital controller and heat

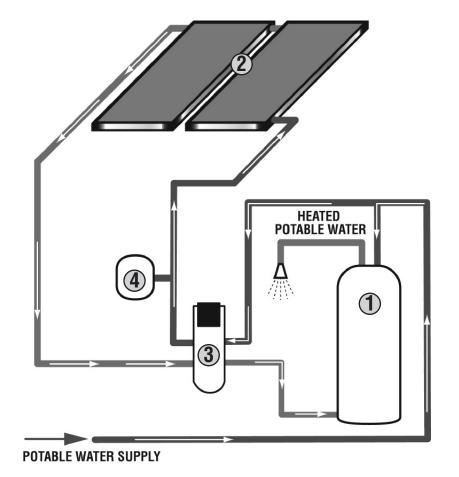
exchanger in a single unit

- · Digital display with energy monitoring
- Flexible, programmable inputs/outputs

Solar Control System						
Volts AC	120					
Hz	60					
Phase	1					
Amps	2					
Height	18-3/8"					
Width	6-3/4"					
Ship Weight (lbs)	26.5					



(4) Thermal Expansion Tank



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