

## **CERTIFIED SOLAR SYSTEM**

SUPPLIER: HTP, Inc. 272 DUCHAINE BLVD NEW BEDFORD , MA 02745 USA www.htproducts.com

In Accordance with: SRCC OG-300-2001-10

BRAND: SOLAR SKIES
MODEL: PR-60-32-BB
SYSTEM TYPE: Pumped, Indirect
CERTIFICATION #: 2007021A

March 05, 2008

Certification:

Original

Expiration Date: July 27, 2020

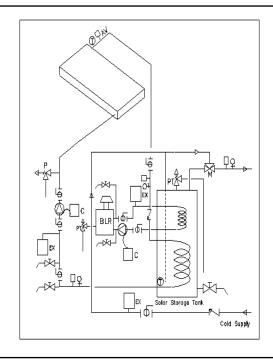
The solar system listed below has been evaluated by the Solar Rating & Certification Corporation™ (SRCC™), an ISO/IEC 17065 accredited and EPA recognized Certification Body, in accordance with SRCC OG-300, Operating Guidelines for Certifying Solar Water Heating Systems, and has been certified by the SRCC. This award of certification is subject to all terms and conditions of the Program Agreement and the documents incorporated therein by reference. This document must be reproduced in its entirety.

Description: Glazed Flat Plate, Differential, Immersed with Single, -50 °C -58 °F, GRAS, None, GAMA, Fluid, Tank high limit

Single-day Rating			
Solar Energy Factor (SEF <sub>D</sub> )	Solar Fraction (SF <sub>D</sub> )		
1.5	0.61		

Single-day Rating Conditions: SEF<sub>D</sub> = Solar Energy Factor (info link) SF<sub>D</sub> = Solar Fraction (info link)

SINGLE DAY RATING CONDITIONS	SI Units	Inch-Pound Units	
System Set Temperature	57.2 °C	135 °F	
Environmental Temperature	19.7 °C	67.5 °F	
Ambient Temperature Profile Average	14.4 °C	58 °F 58 °F	
Water Mains Temperature	14.4 °C		
Delivered Load	43.3 MJ/day	41,045 Btu/day	
Solar Irradiance	4,733 Wh/m <sup>2</sup> -day	1,500 Btu/ft <sup>2</sup> -day	



Storage Tank(s)			
Solar Tank Vol (I)	Solar Tank Vol (gal)		
227	60		
Approximate Collector Area: 3.0 m², 31.9 ft²			

The solar water system listed here has been certified by the SRCC as meeting the minimum standards for testing, installation, operation, maintenance, performance, reliability and safety as specified in SRCC Document OG-300. Thermal performance ratings are based on the successful durability and performance testing of a sample collector, where said tests have been conducted by an independent laboratory approved and listed by the SRCC. The system has been modeled using the computer simulation program TRNSYS to calculate the ratings.

Before the Supplier can make any change in design, materials, specifications, parts, or construction, the change(s) must be reported to the SRCC for evaluation of continued certification.

**REMARKS:** 

Shawn Martin

Technical Director







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## Only the following options for the collector array are approved:

Option	Collector Panel Manufacturer	Collector Panel Request Number	Collector Panel Model Number	Collector Panel Name	Quantity	Total Panel area(m²)	Total Panel area(ft²)
1	HTP, Inc.	10001973	SS-32	Solar Skies	1	2.96	31.86

Option	Collector Panel Manufacturer	Collector Panel Request Number	Collector Panel Model Number	Collector Panel Name	Quantity	Total Panel area(m²)	Total Panel area(ft²)
2	HTP, Inc.	10001918	SS-32-FP	Solar Skies	1	2.97	31.94

