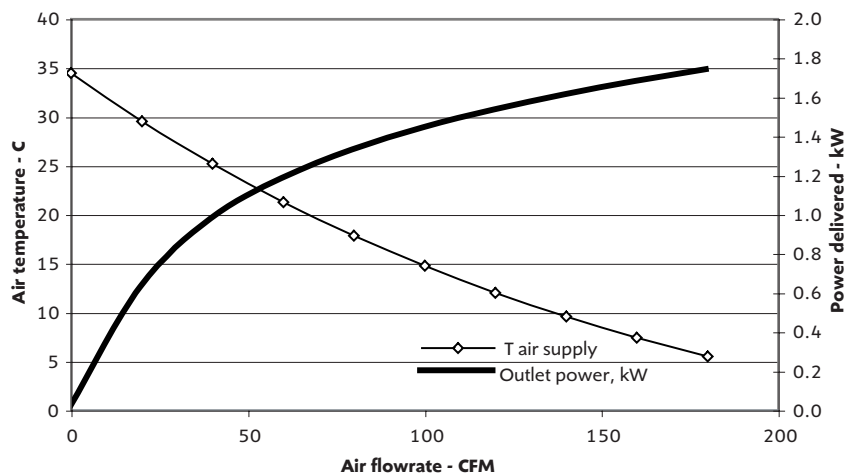


# SOLARSHEAT 1500



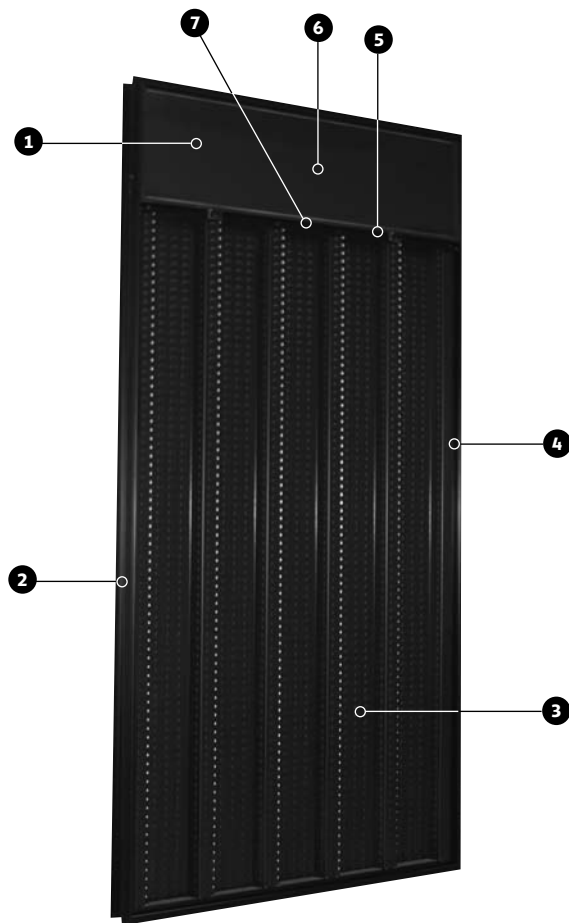
<b>PART NO.</b>	0001
<b>ENERGY RATING</b>	1.5 kWh
<b>BTU</b>	5118
<b>DIMENSIONS</b>	87" X 43.15" X 3.8" 221cm x 109.6cm x 9.7cm
<b>GROSS AREA</b>	26 ft <sup>2</sup> or 2.4 m <sup>2</sup>
<b>WEIGHT</b>	50 lbs / 22.68 kg
<b>COLOUR</b>	Black or grey
<b>TYPE</b>	Modular solar air collector
<b>MATERIAL</b>	Aluminum extrusion
<b>THERMAL INSULATION</b>	Ceramic bead, equivalent up to R20 rating
<b>POWER</b>	PV system, 14 watts
<b>FLOW RATE</b>	150 CFM
<b>SWITCH MODE</b>	On/Off/Automatic
<b>FAN</b>	DC, ball bearing
<b>CO<sub>2</sub> REDUCTION</b>	.35 tonne
<b>TEMP</b>	30°C @ 0°C ambient rating
<b>MOUNTING</b>	Wall or roof
<b>MANUFACTURED IN</b>	Canada

Typical SOLARSHEAT1500 solar energy delivery graph for a clear  
(T<sub>amb</sub> = -10C, 950 W/m<sup>2</sup>) winter day.



**YOUR SOLAR HOME INC.** is a renewable energy solutions company which manufactures and develops solar air collection heating systems for residential and commercial use. Collectors are assembled with a custom extrusion and quality materials to ensure long life.

Our products are economical, environmentally friendly, can be used for air heating or hot water supply and offer high performance in a variety of different climates and applications.



## SOLARSHEAT 1500

### 1> Integrated Photovoltaic Module

The SolarSheat has an integrated photovoltaic panel (thin film can effectively work on cloudy days) comprises 14 watts of power that drives a fan for optimal performance.

### 2> Modular Extruded Frame

The modular extruded aluminum frame allows for connection between panels from side or top portion. Panels can be interconnected to form large air wall structures to accommodate large heating needs or ventilation air supply.

### 3> Perforated Absorber

The perforated absorber allows for maximum air flow through the collector. A high quality paint coating is applied for long-life and ensures excellent energy absorption in a wide variety of climates.

### 4> Ceramic Insulation

A ceramic bead insulation coating is applied to the back of the collector to provide optimal energy efficiency and up to R20 value which can act with or instead of back insulated wall.

### 5> Preset Automatic Temperature Control

The sensor is preset to allow for the proper room temperature heating requirements. (Thermostat preset to 19 °C +/- 3 °C)

### 6> Fan

The fan has a long life and provides up to 150 CFM for adequate room ventilation.

### 7> On/Off/Automatic Switch

The switch can be set to three different positions for multiple heating needs. The user can set the switch to OFF – no heat, ON – for continuous ventilation and heat or AUTO – for a preset temperature to start the fan.



**your solar home.com**

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YOUR SOLARSHEAT DEALER: