

SOLARSHEAT 1500

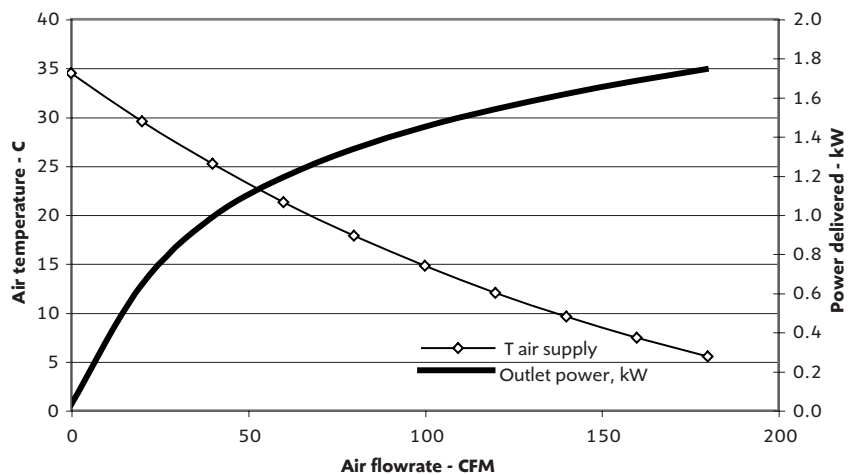


SOLARSHEAT



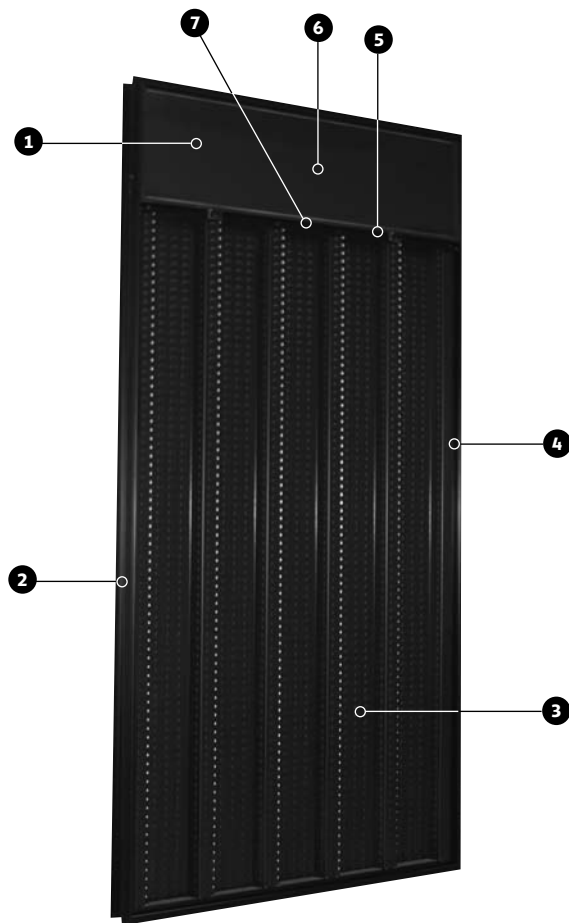
PART NO.	0001
ENERGY RATING	1.5 kWh
BTU	5118
DIMENSIONS	87" X 43.15" X 3.8" 221cm x 109.6cm x 9.7cm
GROSS AREA	26 ft ² or 2.4 m ²
WEIGHT	50 lbs / 22.68 kg
COLOUR	Black or grey
TYPE	Modular solar air collector
MATERIAL	Aluminum extrusion
THERMAL INSULATION	Ceramic bead, equivalent up to R20 rating
POWER	PV system, 14 watts
FLOW RATE	150 CFM
SWITCH MODE	On/Off/Automatic
FAN	DC, ball bearing
CO₂ REDUCTION	.35 tonne
TEMP	30°C @ 0°C ambient rating
MOUNTING	Wall or roof
MANUFACTURED IN	Canada

Typical SOLARSHEAT1500 solar energy delivery graph for a clear
(T_{amb} = -10C, 950 W/m²) 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.



yoursolarhome.com

299 APPLEWOOD CRESCENT, UNIT 4
VAUGHAN, ONTARIO
L4K 4E7 CANADA

SALES: 905.669.2212

FAX: 905.669.2204

YOUR SOLARSHEAT DEALER: