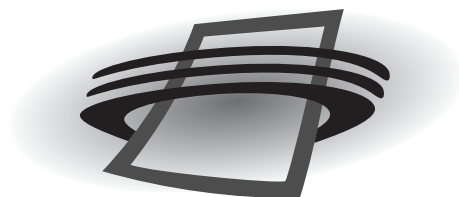


SOLARSHEAT 1000G



SOLARSHEAT



MODEL NO. SH1000-G

PART NO. 1132

ENERGY RATING/DAY 4 MJ (SRCC Rating: mildly cloudy day, category C)

BTU/DAY 3 kBtu

DIMENSIONS 56.6" X 43.15" X 3.8"
144cm x 109.6cm x 9.7cm

GROSS AREA 13 ft² or 1.2 m²

WEIGHT 68 lbs / 30.8 kg

COLOUR Black

TYPE Modular solar air collector

MATERIAL Aluminum

ABSORBER Corrugated aluminum

GLAZED Tempered glass

THERMAL INSULATION Polyisocyanurate R3.3

CONTROL Digital thermostat (included)

FAN DC

FAN POWER Solar electric PV, 14.5 watts

FLOW RATE 71 CFM
(backdraft damper installed)

CO₂ REDUCTION .18 tonne per year

TEMP 90°F (32°C)

MOUNTING Wall or roof (additional flashing and roof mount required)

MANUFACTURED IN Canada

WARRANTY 5 yrs. on collector
1 yr. on electronics

MANUFACTURER Your Solar Home Inc.

YOUR SOLAR HOME INC. is a renewable energy solutions company which manufactures and develops solar air collection heating systems for residential and industrial use.



Our products are economical, environmentally friendly and can be used for air heating in a variety of different climates and applications.

SOLARSHEAT 1000G

Product Description

The SolarSheat 1000G is a modular solar air heater designed for supplemental room heating. The SolarSheat 1000G can heat a room* from 71 to 300 ft² (or 7 to 28 m²) when the sun is shining. Air is drawn through the SolarSheat, heated up, and pushed back into the room. The system is self-powered and does not require any electricity from the house. The SolarSheat can also be used to heat small tents, yurts or huts. It is roughly 3.5 ft (1 m) wide by 4.5 ft (1.4 m) tall, by 3.5" (9 cm) thick, so it fits around windows, doors and hipped roofs.

Installation

Installation is quick and easy using the patent pending, shelf-like, mounting strip; the SolarSheat Wall Mount. It may be mounted on the outside of a south facing wall or roof. The duct kit contains the most hardware necessary to heat a space directly on the other side of a south facing wall. Screws to attach the wall mounts to a wall and outdoor grade sealant is not included. Roof installation hardware sold separately. The SolarSheat is a do-it-yourself system. A detailed installation manual is included with every SolarSheat 1000G.

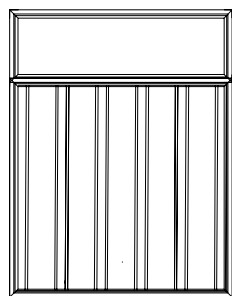
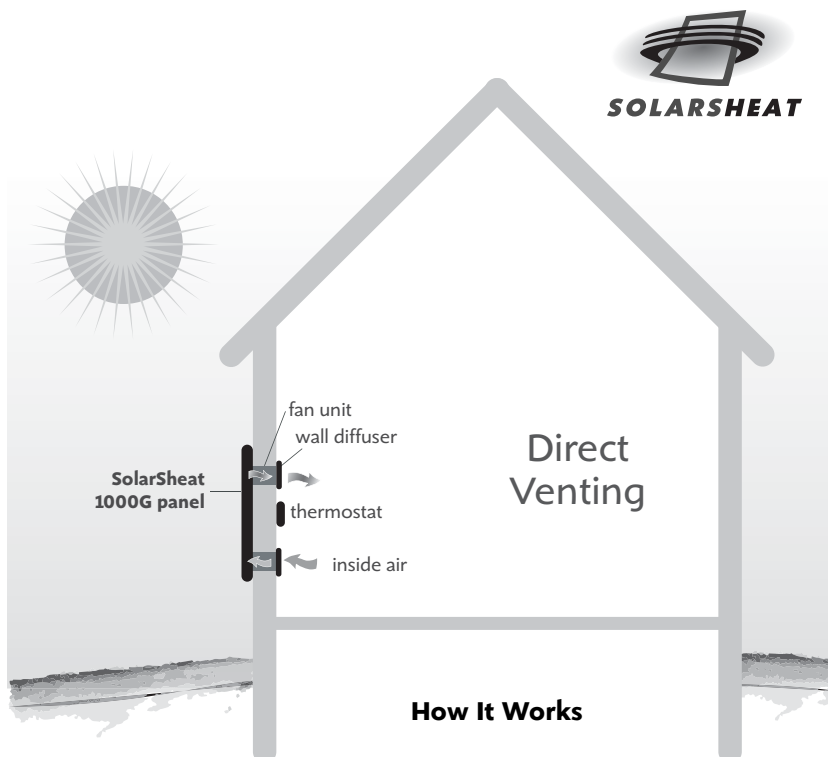
The SolarSheat must be mounted below any overhangs equal to 1.75 times the distance that the overhang sticks out. For example, if the overhang sticks out one foot, the SolarSheat 1000G must be mounted 1.75 ft or more below the overhang.

Thermostat

The SolarSheat 1000G includes a battery powered, digital thermostat that allows you to set a maximum room temperature. The unit can deliver up to 90°F (32°C) estimated air. The desired room temperature is set at the external digital thermostat. During the summer, the SolarSheat 1000G can be turned off. The SolarSheat is very rugged and is made with high temperature resistant materials.

Fan

The fan drives air through the SolarSheat at up to 71 CFM for adequate room heating. It is powered by the solar electric (PV) panel built into the SolarSheat 1000G.



1000G

*heats a room up to 65-70°F (18-21°C) when the outdoor temperature is 30°F (0°C) (in other words, up to 35-40°F rise above the outdoor temperature). Suggested square footage range based on typical Canadian home construction similar to an old brick farm house to a very tight and well insulated new townhouse (similar to an Energy Star certified, middle unit, townhouse). Assumes other space in the house is heated. Results may vary depending on level of insulation, air leakage, & existing unshaded south facing windows.



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