

SunMate Solar Hot Air Panels

The SunMate™ Solar Panel from Environmental Solar Systems is the ideal choice for homeowners that want environmentally friendly and low-cost alternative heat. EASY INSTALLATION!

SRCC Rates Sunmate
Most Efficient Glazed Solar Hot Air Panel on the Market!

Our solar panels allow you to enjoy FREE HEAT from the sun without any adverse effects on the natural world! The SunMate™ pulls cool air from your home, channels it through the absorber plate where it's warmed by energy from the sun, then circulates it back into your home. A built-in thermostat, automatically turns on a blower when the absorber plate reaches 110° F and shuts off the blower at 90°F.

What sets the SunMate™ apart from other solar panels is the efficiency and design. One-piece construction produces a streamlined appearance that doesn't detract from your home's appearance. Heavy-duty, stainless steel and aluminum components result in quality construction that assures long life and virtually no maintenance.

The SunMate™ from Environmental Solar System is SRCC Certified. A single panel heats up to 700 square feet. Double-sealed solar glass eliminates air infiltration and water leaks. Polyisocyanurate insulation results in extremely low heat loss and an energy fan operates for just pennies per day.

The SunMate™ is installed vertically and mounted on the south facing side of your home or building. The design accommodates 2" x 4" or 2" x 6" construction. Parallel installation allows you to integrate multiple panels for heating large areas.

Features

5 Year warranty on the Solar Collector.
1 year warranty on electrical & mechanical parts.
High efficiency and Reliability

Easy to Install with a wide variety of Simple Installations
Fresh Air intake for Tight Houses
Brushless, 100 cfm 12 VDC, 7 Watt Fan
The Fan thermostat automatically turns On at 110° F and Off at 90° F

Specifications

Weight: net 90 pounds
Dimension: 4" x 35" x 77"
Heavy duty extruded aluminum frame
Maintenance free, anodized dark bronze finish
High temperature 3 pound polyisocyanurate insulation in the back and sides
Corrugated aluminum heat exchanger with selective black coating
5/32" tempered Low Iron Solar Glass
One piece EPDM rubber gasket around glass with double sealed RTV Silicon sealant
EPDM rubber seal for air ducts
SunMate Solar Hot Air Panel - OG-100 SRCC Certified Solar Collector
Single panel wall installation kit - includes 100 CFM 8.5 Watt dc Fan
Adaptor of 120 VAC to 12 VDC
Stainless steel screws and hardware
Aluminum mounting brackets
Wall ducts and safety grills
Single Panel Installation Hardware
Installation Manual (PDF)

Electrical Specifications

Energy Star Rated
Step Down transformer from 120 VAC, 60 Hz to 12 VDC 1000 MA
Direct 12 VDC 7 watts

The SunMate™ Solar Panel produces no emissions, no acid rain and no hazardous waste. Made in the USA.

Please call for pricing.

Specifications subject to change without notice.

For installing SunMate on a commercial building visit our website www.sunmatesolarheating.com

Solar Panels | Solar Renewable Energy | Solar Thermal Heating | Solar Hot Air System | Solar Thermal Panels