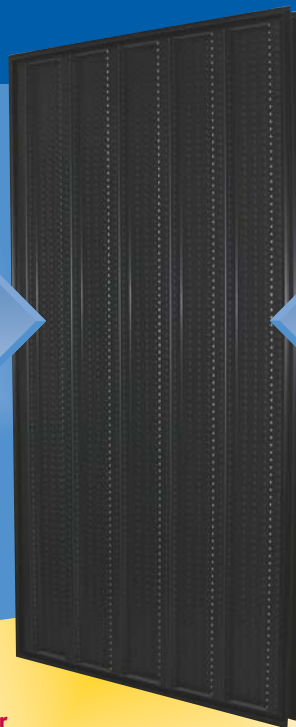




### Your Solar Home HRV 200MAX Solar

Specifically designed for solar preheating

SolarSheat 1500S



### Your Solar Home SmartBox

Your answer for light industrial solar heating and destratification.

**By connecting our SolarSheat 1500S to the Your Solar Home HRV, we can provide a residence with fresh, solar heated air.** The Solar HRV automatically knows when to switch between solar preheated air mode and the normal mode. This feature dramatically increases the efficiency of the unit.

The efficiency of this HRV is so great that virtually none of the warmth collected from your home is lost to the outside. In summer, the HRV works in reverse—removing heat from the incoming air and transferring it to the outgoing air, to keep your home cool and fresh.

**Aluminum heat exchange core:** Patented design. Highly conductive aluminum transfers the maximum amount of heat to incoming air.

**Five-speed motor:** Power to spare when dealing with temporary increases in humidity and contaminants. Quiet and reliable.

**THREE WAY DAMPER** automatically adjusts for solar preheated air mode and normal mode.



**The SmartBox provides 500 CFM of modulated solar air flow for any industrial space up to 2500 sq ft.** Used in connection with six to ten SolarSheat 1500S Solar Air Collectors, the SmartBox can supply solar assisted heating and ventilation. The SmartBox can also destratify the air in the building by repurposing it.

A programmable damper allows for the right mix of solar air to enter the building. An automatic exhaust fan connected to the SmartBox allows for the right proportion of airflow to be exhausted from the building at the same time. Multiple SmartBoxes can be utilized for larger spaces supplying heat distribution for multiple floors or other areas within a building. The SmartBox comes with an optional exhaust option.

### YOUR SOLAR HOME INC.

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### YOUR DEALER

## SOLAR AIR HEATING



**SOLARSHEAT**

**Ideal for cottages, homes & industrial buildings**



SolarSheat 1500

- ★ Affordable, renewable air heating
- ★ Fresh air ventilation improves overall health
- ★ Saves money on heating costs resulting in lower bills
- ★ Limits CO<sub>2</sub> emissions to help the environment
- ★ Easy to install – no electrical hookup necessary
- ★ Installs quickly and smoothly with patent pending mounting strip

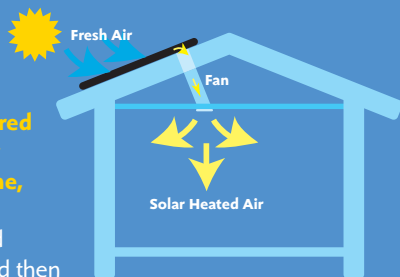


## HOW THE SOLARSHEAT 1500 WORKS

**The SolarSheat 1500 Solar Air Collector is an affordable, self-contained, self-powered unit that provides air heating for your home, cottage or business.**

Preheated air is heated through a collector and then drawn by a fan into your home or building. The SolarSheat 1500 can be mounted on a south facing east, west wall or roof. It is a great way to supplement your current energy bill. Multiple panels can be added at any time to further reduce your heating costs.

The SolarSheat 1500 is a supplemental heating system. It is not designed to replace your traditional furnace or primary heating system. However, it can help reduce your heating bill and improve air quality.



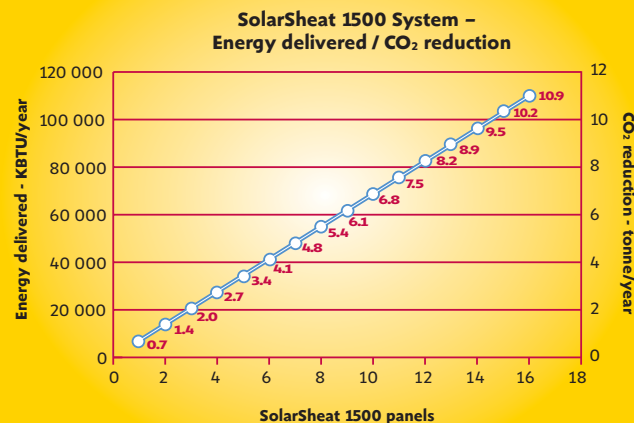
## THE BENEFITS OF SOLARSHEAT

- Helps reduce your current energy bill
- Continuously heats a cold 'space' or room when the sun is shining
- Installation is easy using our patent pending SolarSheat mounting strip
- Provides fresh outside air to potential stale air homes or cottages
- Destratification of air mass in home providing greater consistent room temperature
- Panel provides 70% plus efficiency—allows for maximum investment value
- Less dependence on fossil fuels



## CO<sub>2</sub> EMISSION REDUCTION

The SolarSheat 1500 has a positive impact on the environment. One panel will save approximately 0.35 tonnes/year of CO<sub>2</sub>.



## FREQUENTLY ASKED QUESTIONS

**How does it work?** The SolarSheat preheats fresh air. The air is blown through an opening in the back of the panel into a room with a self-powered fan. An automatic temperature sensor regulates the fan at 19°C/66°F.

**Does the collector replace my primary heating system?** No, the SolarSheat 1500 is a supplemental heating system. It is designed to heat one space or large area with more panels.

**Can I install it myself?** Yes, the installation is fairly easy. The accessory kit should provide you with everything you need.

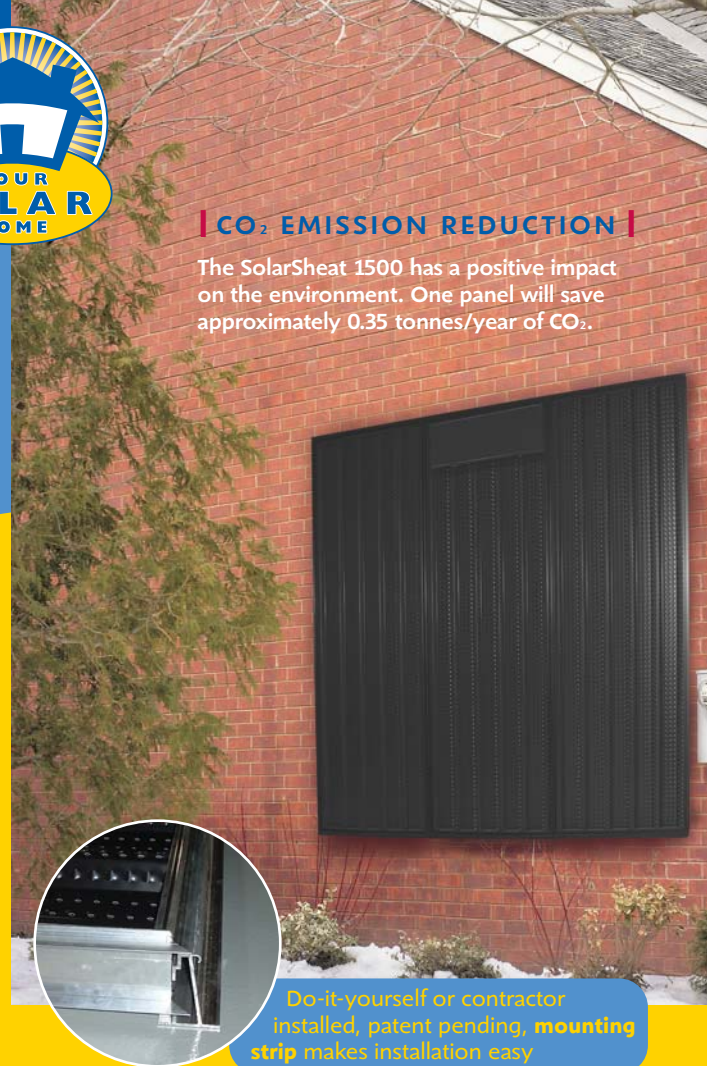
**Do I need an electrical hookup for the collector?** No, the panel is self-sufficient, powered by the sun.

**Will the unit start a fire or give any electric shock?** No, the product uses very low power and cannot start a fire of any sort.

**What about using the SolarSheat in the summer time?** The SolarSheat can be used with an optional battery backup for emergency lighting and night time precooling.

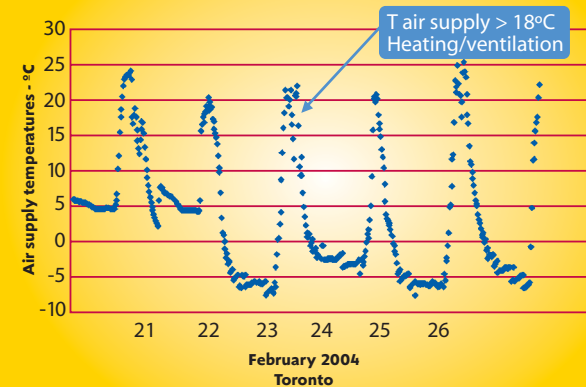
## SOLARSHEAT 1500 SPECS

ENERGY RATING	1.5 kW
BTU/HR	5118
DIMENSIONS	87"X 43.15" X 3.8"
	221cm x 109.6cm x 9.7cm
GROSS AREA	26 ft <sup>2</sup> or 2.4 m <sup>2</sup>
WEIGHT	50 lbs / 22.68 kg
COLOUR	Black
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
TEMP	30°C @ 0°C ambient rating
MOUNTING	Wall or roof
MANUFACTURED IN	Canada



Do-it-yourself or contractor installed, patent pending, mounting strip makes installation easy

## SolarSheat 1500 – Energy delivery



[www.yoursolarhome.com](http://www.yoursolarhome.com)