

3 dimensional collector cells absorb infrared rays in sunny and partial cloudy conditions, creating cost effective heating energy

- Provides effective supplementary heat for up to 150 sq.ft. during daylight hours
- Quiet and safe - solar powered fan recirculates warm, heated air
- No open flame or hot element
- Clear, fireproof polycarbonate casing

# HOW IT WORKS



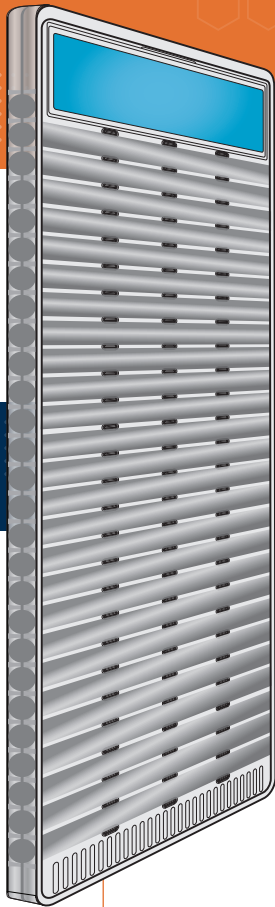
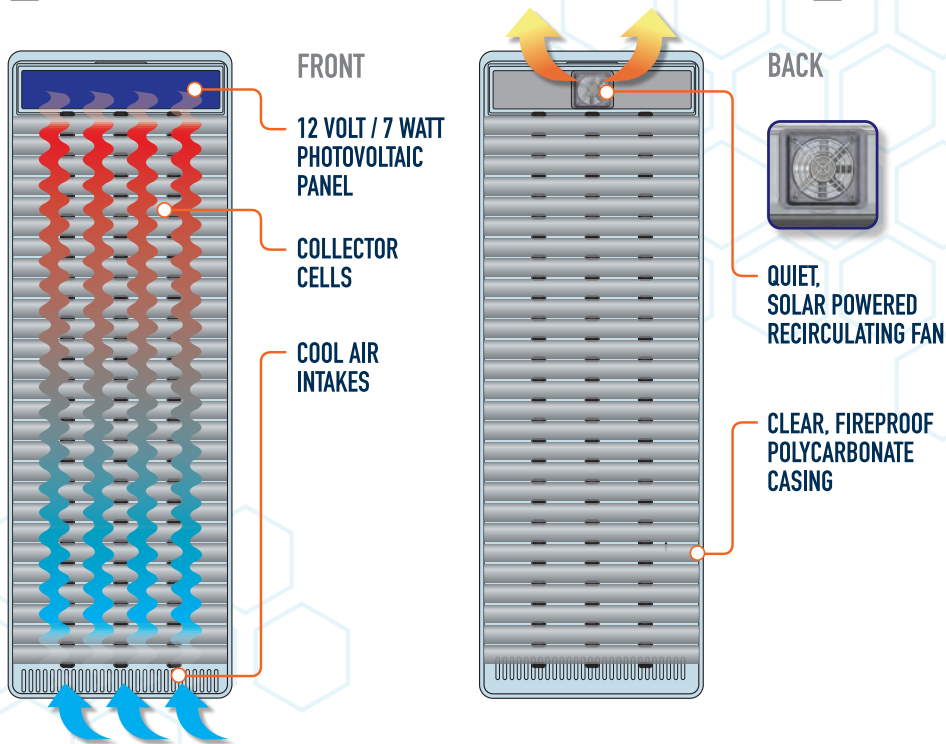
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## REQUIRES A WINDOW WITH SOUTHERN EXPOSURE

Interior cool air is drawn through the lower air intakes by the solar powered fan. The collector cells are heated by infrared energy from the sun. Through convection, the air passes through the collectors and retains the barrier heat. The air then rises to the next collector and repeats the process, adding to the collected heat. The air temperature continues to rise as it passes through each collector.

Under good winter sun conditions, up to 20°F (11°C) may be added to the ambient temperature, with air flow at 30 cubic feet per minute – providing supplementary heat for a 150 sq.ft. space.

In residential applications, Solar Air Heaters are designed to supplement your existing heating source. Single pane windows create optimum efficiency. Windows with a lower U-Value will directly effect efficiency.



### Interior Application Model # SIS25M1848



#### Sunny conditions

Three dimensional stacked collector cells absorb infrared energy, heating passing air by convection. Each cell adds the accumulated heat to the next cell, resulting in up to a **20° F (11° C) change with a maximum air flow of 75 CFM.**

Recommended for single pane windows only  
Allows 50% of outside light to pass through into the room

Quiet solar powered recirculating fan distributes heated air.  
12 Volt / 7 Watt photovoltaic panel provides plenty of solar energy to power the fan.  
Portable and lightweight - stands on interior window sill or hangs from top of window header with supplied hardware. Optional easel stand available - Part No SH1.

Dimensions: H x W x D
47" x 19" x 2"
(119.38 x 48.26 x 5.08 cm)
Weight: 11 lbs (5 kgs)



### HIGH EFFICIENCY Interior Application Model # SIS50M2448

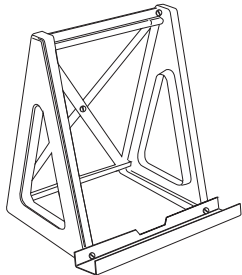


#### Sunny and partial cloud conditions

Three dimensional stacked collector cells absorb infrared energy, heating passing air by convection. Each cell adds the accumulated heat to the next cell, resulting in up to a **30° F (17° C) change with a maximum air flow of 80 CFM.**

Efficiency is effective by approximately 30% with double pane windows  
NOT recommended for windows that use 'E' or Argon gas

Quiet solar powered waterproof recirculating fan distributes heated air.  
12 Volt / 20 Watt photovoltaic panel provides plenty of solar energy to power the fan.  
Portable and lightweight - stands on interior window sill or hangs from top of window header with supplied hardware.  
Adjustable fan speed control knob.  
Easy to install - Sit the panel on the interior window sill or hang from the window header using the included hardware. Optional easel stand available - Part No SH1.



Easel Stand - Part No. SH1  
Works with models SIS25M1848, SIS50M2448 and SISRV50M2436. Sold separately.  
*\*(included with SISRV50M2436)*

Dimensions: H x W x D
47.75" x 23.75" x 2.375"
(121.28 x 60.32 x 6 cm)
Weight: 26 lbs (12 kgs)



### Portable Interior / Exterior Application Model # SISRV50M2436

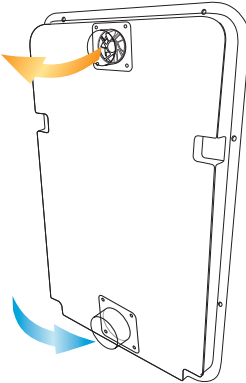


#### Sunny, partial and moderate cloud conditions

Under good winter sun conditions, up to **25° F (14° C) may be added to the ambient temperature, with a maximum airflow of 40 CFM.**

Designed exclusively for exterior applications with choice of two mounting options  
Dual 3" duct ports to attach 3" duct hose that will move recirculated air to where you require it (duct hose not included)

Quiet solar powered waterproof recirculating fan distributes heated air.  
Adjustable fan speed control knob.  
Can be mounted to exterior wall or free standing.  
*\*self standing Easel Stand included*



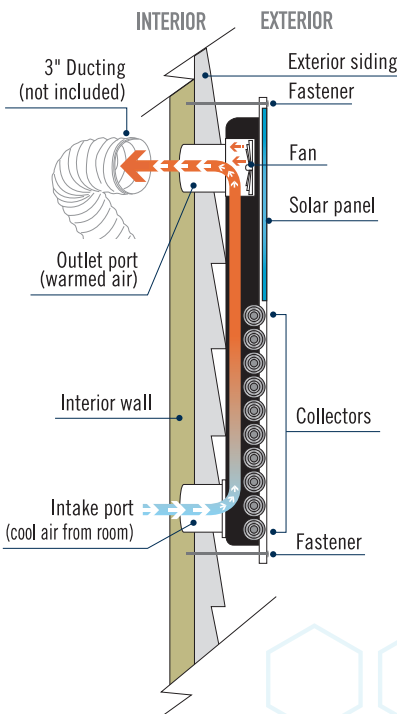
Dimensions: H x W x D
36" x 23.75" x 4.5"
(91.44 x 60.32 x 11.43 cm)
Weight: 13 lbs (6 kgs)

## How much can you \$ave?

Contact us at **1-855-535-2056** and we can tell you the exact savings, by your location, using RET Screen Technology.



RETScreen is used by more than 350,000 people in 222 countries and territories. It has been directly responsible for over \$8 billion in user savings globally. By virtue of enabling clean energy, RETScreen indirectly contributes to a substantial reduction in greenhouse gas emissions — a reduction conservatively estimated at 20 million tonnes per annum. It is also estimated that RETScreen has helped spur the installation of at least 24 GW of installed clean energy capacity worldwide with a value of approximately \$41 billion.



Units ship in colorful, eye-catching floor merchandisers for quick, easy set-up and added product promotion



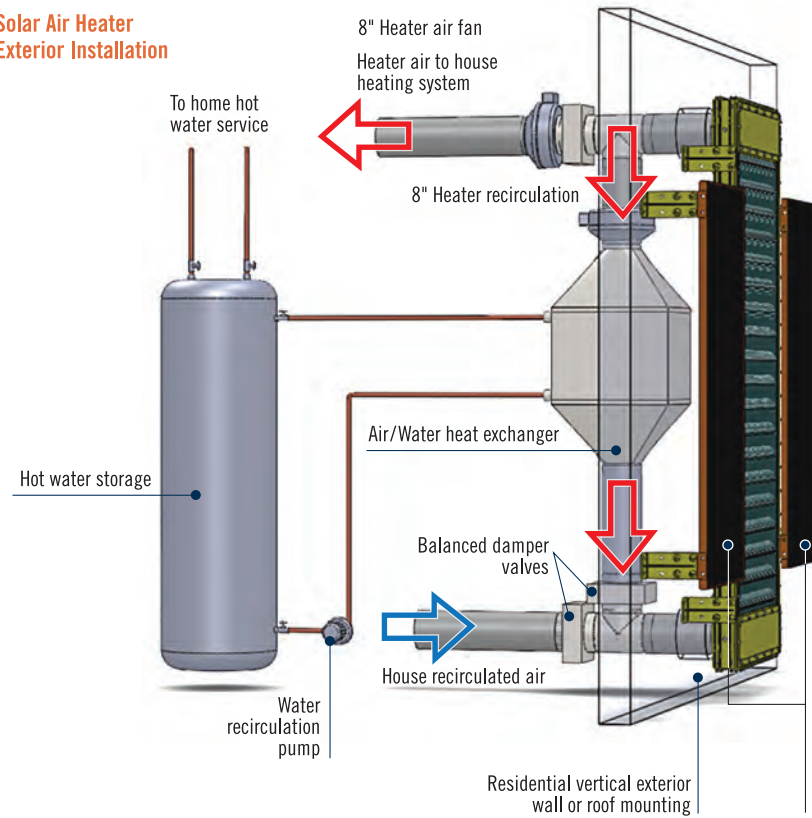
Also available are hard mounted (roof or wall) systems to heat both air and water, and provide self-sustaining, off-grid energy. Models are available to heat individual residences as well as large commercial and industrial spaces.

**Residential Air/Water Heating Unit**

Model # SIS100M4896

The Solar Heater mounts on an outside wall or roof and creates heated recirculating air, which passes through an air/water heat exchanger. Once the heated air passes through the exchanger and heats the water, it can be directed into the house. This unit is a comprehensive system for off-grid applications or ideal as a supplementary system in spaces up to 1,500 square feet.

**Solar Air Heater  
Exterior Installation**



Additional solar panels add additional power, allowing for "off the grid" usage

4' x 8' (available in 2" and 4" depths)  
*Artist rendering. May not be exactly as shown.*

**Industrial Air/Water Heating Unit**

Model # SIS200MP616

*Image not available at press time*

Large scale 6' x 16' industrial size model can be custom manufactured to suit your requirements. Multiple units can be installed in series to achieve required output. Ask one of our representatives for more details.

Manufactured by:  
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