



# SOLAR ROOF VENTILATION FAN

**Smart. Silent. Sustainable.**

Efficient attic ventilation powered by the sun.



**SOLAR POWERED**  
Zero electricity cost



**HIGH AIRFLOW**  
Remove heat & moisture



**QUIET OPERATION**  
Brushless DC motor



**EASY INSTALLATION**  
30 minutes or less

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**DESIGNED FOR RESIDENTIAL,  
COMMERCIAL & INDUSTRIAL BUILDINGS**



RESIDENTIAL



COMMERCIAL



INDUSTRIAL

# Why Choose Sunovas?

## SUMMER MONTHS

**WITHOUT  
Solar Attic Fan**

**Hot Roof, Attic,  
Duct & Interior**

**WITH  
Solar Attic Fan**

**Cooler Roof,  
Attic, Duct & Interior**

**Overworked AC**

**Efficient AC**



### **Reduce Attic Temperature**

Keep your attic cooler during hot summer days.



### **Lower Cooling Costs**

Reduce HVAC workload and energy consumption.



### **Prevent Moisture Damage**

Reduce condensation, mold and mildew.



### **Extend Roof Lifespan**

Protect roofing materials from heat stress.



### **Quiet Brushless Motor**

Stable operation with low noise.



### **100% Solar Powered**

No wiring.  
No electricity bills.  
Automatic operation.

# How It Works



## 1 Sunlight

The solar panel absorbs sunlight during the day.



## 2 Solar Panel Generates Power

The panel converts sunlight into electricity to power the fan.



## 3 Fan Removes Hot Air

The fan expels hot, stale air from the attic.



## Fresh Air Enters Through Soffit

Cool, fresh air enters through the soffit, replacing the hot air.



Active ventilation creates continuous airflow that removes **heat and moisture** from the attic.

# Product Highlights



## High Efficiency Solar Panel

Captures more sunlight for maximum power.



## Adjustable Solar Bracket

Tilt and rotate for optimal sunlight exposure.



## Weatherproof Housing

Durable and UV-resistant design for long-lasting performance.



## Low Noise Design

Brushless motor ensures quiet and stable operation.



## Brushless DC Motor

High efficiency, long life span, and maintenance free.



## Corrosion Resistant

Built with premium materials for harsh environments.



## Easy Installation

Simple design for fast and secure installation.



## Powder-coated Steel Base

Strong, durable and built to last.



## 100% Solar Powered

No wiring. No electricity bills. Automatic operation.



## Reliable & Durable

Engineered for all seasons and climates.



## Sustainable Solution

Reduce energy use and carbon footprint.



## Better Indoor Comfort

Keep your home cool, dry and healthy.

# Applications



**Residential Homes**



**Warehouse**



**Factory**



**Farm Building**



**Garage**



**Commercial Building**



**Suitable for various roof structures and climates.**

# Technical Specifications



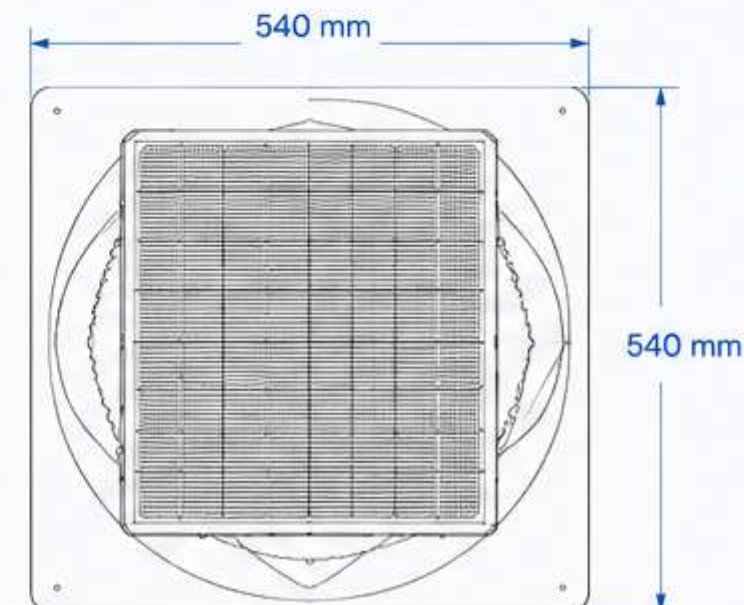
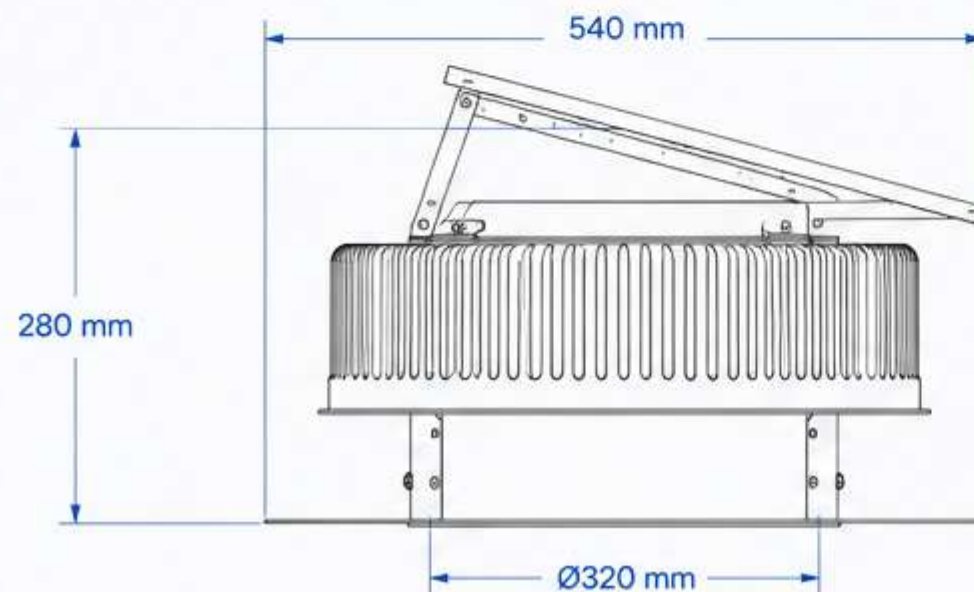
| PERFORMANCE                                                                         |             |          |
|-------------------------------------------------------------------------------------|-------------|----------|
|  | Airflow     | 2100 CMH |
|  | Fan Speed   | 1350 rpm |
|  | Noise Level | <45 dBA  |

| SOLAR SYSTEM                                                                        |               |              |
|-------------------------------------------------------------------------------------|---------------|--------------|
|  | Solar Panel   | 42W / 18V    |
|  | Panel Size    | 515 × 450 mm |
|  | Power Adapter | DC15V / 2A   |

| FAN                                                                                 |          |                         |
|-------------------------------------------------------------------------------------|----------|-------------------------|
|  | Motor    | 30W Brushless DC        |
|  | Blades   | 5 Aluminum Alloy Blades |
|  | Air Tube | Ø320 mm                 |

| FEATURES                                                                              |                                                         |
|---------------------------------------------------------------------------------------|---------------------------------------------------------|
|    | Built-in Thermostat (Auto Start Above 25°C)             |
|  | Remote Control: Included (3-Speed Fan Speed Adjustment) |
|  | Optional AU / EU / US / UK Plug                         |

| DIMENSIONS                                                                            |                |                    |
|---------------------------------------------------------------------------------------|----------------|--------------------|
|    | Product Size   | 540 × 540 × 280 mm |
|  | Packing Size   | 660 × 660 × 320 mm |
|  | Packing Volume | 0.139 CBM          |
|  | Gross Weight   | 12 kg              |





# SOLAR WALL VENTILATION FAN

Natural Ventilation Powered by Solar Energy



Solar Powered



Powerful Airflow



Quiet Operation



Zero Electricity Cost

# Why Choose Sunovas?



## Reduce Indoor Heat

Improve airflow inside buildings.



## Lower Cooling Costs

Reduce HVAC energy consumption.



## Fresh Air Circulation

Continuously removes stale air.



## Weather Resistant

Suitable for outdoor environments.



## Quiet Brushless Motor

Low noise operation.



## 100% Solar Powered

No wiring.  
No electricity bills.

# Product Highlights

Designed for efficient ventilation, durability and easy operation.



## High Efficiency Solar Panel

30W / 18V solar panel provides stable and reliable power.



## Weatherproof Design

Built to withstand rain, dust, UV and harsh outdoor conditions.



## 30W Brushless DC Motor

High efficiency, low noise and long service life.



## Galvanized Steel Housing

Strong, rust-resistant and durable for outdoor use.



## 5 Aluminum Alloy Blades

Corrosion-resistant blades ensure large airflow and long-lasting performance.



## Remote Control

3-speed adjustment for different ventilation needs.



## Built-in Thermostat

Automatically starts the fan when temperature rises above 25°C.



## Easy Installation

Simple wall mounting design for quick and secure installation.



## Optional Plug

AU / EU / US / UK plug available to meet different market requirements.

# Applications



 **Factory**



 **Farm Building**



 **Container House**



 **Garage**



 **Poultry House**



 **Warehouse**



Suitable for **industrial**, **agricultural** and **commercial** ventilation.

# Technical Specifications



## PERFORMANCE

|           |          |
|-----------|----------|
| Airflow   | 2000 CMH |
| Fan Speed | 1400 rpm |
| Noise     | <45 dBA  |



## FAN

|         |                  |
|---------|------------------|
| Motor   | 30W Brushless DC |
| Tube    | Ø310 mm          |
| Blades  | 5 Aluminum Alloy |
| Housing | Galvanized Steel |



## SOLAR SYSTEM

|             |            |
|-------------|------------|
| Solar Panel | 30W /18V   |
| Panel Size  | 400×400 mm |
| Adapter     | DC15V/2A   |



## FEATURES

- ✓ Thermostat
- ✓ Remote Control
- ✓ AU EU UK US Plug



## DIMENSIONS

380×380×185 mm



## PACKING

420×420×240 mm / 5kg



### High Airflow

Up to 2000 CMH for powerful ventilation.



### Low Noise

Quiet operation under 45 dBA.



### Solar Powered

30W solar panel for energy-efficient use.



### Durable Build

Galvanized steel housing for long-lasting durability.



### Easy Control

Thermostat and remote control for convenience.

# Solar Fresh Air Ventilator

Fresh Outdoor Air.  
Naturally Powered by Solar Energy.



Fresh Air  
Supply



Air  
Filter



Solar  
Powered



Low  
Noise



# Why Choose Sunovas?



## Fresh Outdoor Air

Continuously supplies clean outdoor air.



## Built-in Air Filter

Blocks dust and airborne particles.



## Improve Indoor Comfort

Reduce stuffy indoor environments.



## Solar Powered

Zero electricity consumption.



## Quiet Brushless Motor

Low noise operation.



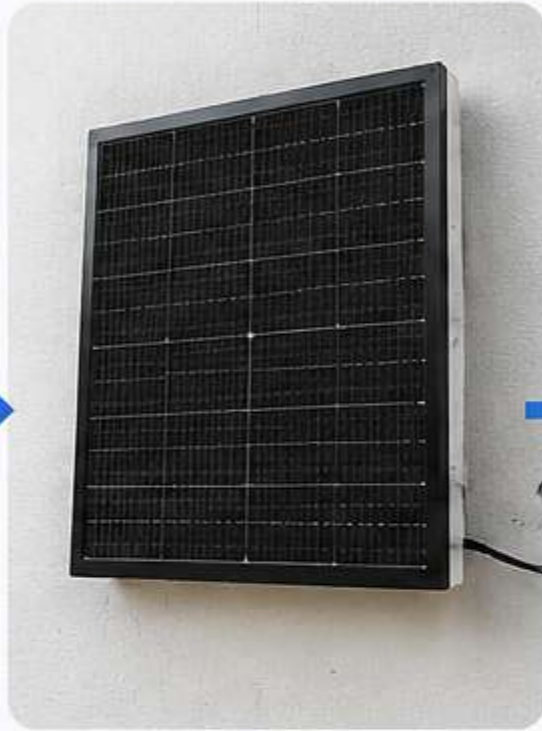
## Automatic Control

Thermostat and remote control included.

# How It Works



**Sunlight**



**Solar Panel**



**Air Filter**

Blocks dust and  
airborne particles.



**Brushless DC Fan**

High-efficiency motor  
brings in fresh air.



**Fresh Air Enters Room**

Clean, fresh outdoor air  
improves indoor comfort.



**Fresh filtered outdoor air improves indoor air quality and ventilation.**

# Product Highlights



## Built-in Air Filter

Blocks dust and airborne particles.



## 30W Brushless DC Motor

High-efficiency motor for powerful airflow.



## 5 Aluminum Alloy Blades

Durable, rust-resistant and efficient.



## Weatherproof Housing

Built to withstand harsh outdoor conditions.



## High Efficiency Solar Panel

Captures sunlight and powers the fan.



## Remote Control

Adjust settings conveniently.



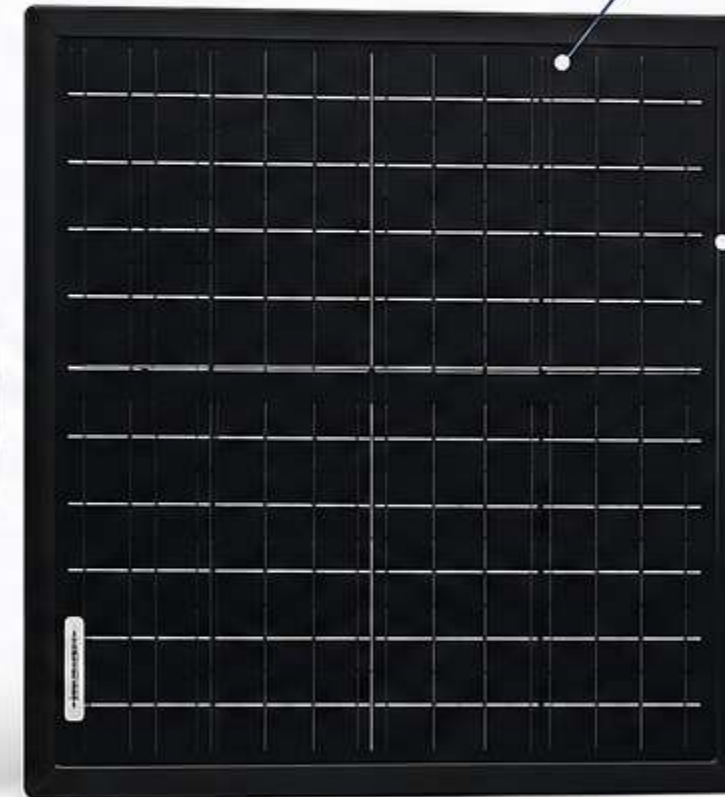
## Built-in Thermostat

Automatically adjusts fan speed by temperature.



## Easy Installation

Wall-mounted design for quick and simple setup.



# Applications



**Ideal for clean fresh air supply in enclosed spaces.**

# Technical Specifications



## Performance

|              |          |
|--------------|----------|
| Airflow:     | 1500 CMH |
| Fan Speed:   | 1400 rpm |
| Noise Level: | <45 dBA  |

## Solar System

|                |              |
|----------------|--------------|
| Solar Panel:   | 30W / 18V    |
| Panel Size:    | 400 × 400 mm |
| Power Adapter: | DC 15V / 2A  |

## Fan

|                    |                         |
|--------------------|-------------------------|
| Motor:             | 30W Brushless DC Motor  |
| Air Tube Diameter: | Ø320 mm                 |
| Fan Blades:        | 5 Aluminum Alloy Blades |

## Features

|                     |                                               |
|---------------------|-----------------------------------------------|
| ✓ Air Filter:       | Built-in Filter for Fresh Air Intake          |
| ✓ Fresh Air Supply: | Delivers Fresh Outdoor Air Indoors            |
| ✓ Remote Control:   | Included (3-Speed Fan Speed Adjustment)       |
| ✓ Thermostat:       | Built-in (Automatically Starts Above 25°C)    |
| ✓ Plug Type:        | AU / EU / US / UK Plug Available Upon Request |

## Dimensions

|                 |                    |
|-----------------|--------------------|
| Product Size:   | 300 × 300 × 190 mm |
| Packing Size:   | 415 × 415 × 210 mm |
| Packing Volume: | 0.036 CBM          |
| Gross Weight:   | 4 kg               |



**1500 CMH**  
High Airflow



**30W Solar**  
High Efficiency



**Built-in Filter**  
Clean Fresh Air



**Remote Control**  
3-Speed Adjustment



**Auto Thermostat**  
Smart Temperature Control



# About Sunovas

Sunovas is a professional manufacturer of solar-powered roof ventilation systems. We are committed to delivering high-quality, energy-efficient ventilation solutions that improve indoor comfort and protect your building.

## SUNOVAS

Professional Solar Ventilation Manufacturer



OEM & ODM



Factory Direct



Fast Delivery



Global Export



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