



# Sun Driven

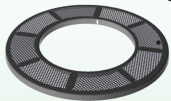
Ventilation & Insulation Systems

Model # SA-27WT-LPE

## Specification Sheet

### Components

#### Mesh Screen



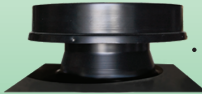
- Constructed specifically for the Sun Driven
- 1/4" mesh screen keeps animals and rodents out while allowing maximum air exhaust
- Stainless Steel

#### Fan Blade



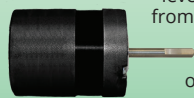
- Specifically designed for the Sun Driven solar powered ventilation system
- 12" - 5 blade aluminum fan, aerodynamically optimized blade to improve airflow
- Operates whisper quiet throughout the day

#### Housing & Flashing System



- Aircraft grade, spun-formed aluminum for the utmost quality protection
- Inner housing system is aerodynamically designed to produce the highest possible radial air exhaust
- Powder coated outer shell

#### Brushless DC Motor



- Brushless Electronic Motor with Maximum Yield Technology. This new motor technology was developed by our engineers leveraged lessons learned from our original brushless electronic motor that we used for over 12 years. This new motor technology offers about 30% better efficiency and air moving performance, with an amazing 100,000 hours average motor run time!

#### Solar Panel



- 27 watt, 1.25 amp proprietary, high purity, mono-crystalline cell solar panel
- Weather proof in the most severe conditions
- High transparent, low iron tempered glass
- Built for maximum performance and safety

#### Motor & Fan Mount



- The Brushless DC Motor is mounted under the aluminum air deflector
- Keeping it out of the air stream

### Sun Driven Tilt Solar Powered Attic Fan

Perfect for any installation requiring movement of the solar panel. The solar panel can be set flat against the fan or tilted and raised to a 35° angle. It can also be rotated 360°. As the seasons change, so does the angle of the sun. This solar panel can be changed year round to provide maximum performance.

### Technical Information

#### Weight

- Fan Weight: 24 lbs / 10.88 kg
- Fan Packaged: 29 lbs. / 13.15 kg

#### Performance

- Air Flow Rate: 900 to 1200 CFM
- Depending on solar exposure
- Ventilation: Up to 1250 sq.ft.
- Attic must support intake air for best performance

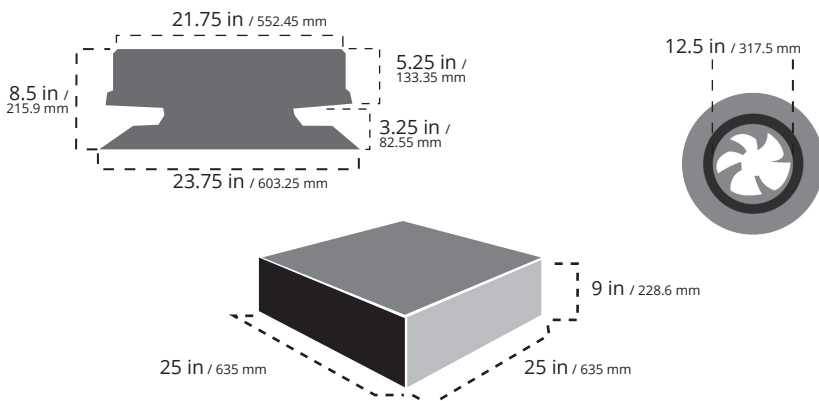
#### Electrical

- Solar Panel: 27 watt, 17 to 22 DC, 1.25 amp, 36 mono-crystalline cell, solar cells with black back sheet
- Motor: Max Aire Brushless DC Motor, 10-22VDC

#### Material

- Housing System: Spun Formed, Aircraft Grade Aluminum
- Fan Blade: 12" Aluminum, Factory Balanced
- Mesh Screen: Stainless Steel, 1/4" Mesh, Rodent Control
- Wiring: 18 Gauge Copper Conductors with PVC Insulation

### Dimensions & Weight



*27 watt solar panel can be upgraded to a 37 watt solar panel.*



# Sun Driven

Ventilation & Insulation Systems

[sundriven.solar](http://sundriven.solar)

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**Important Note:** The Sun Driven Tilt Solar Powered Attic Fan is 100% fire proof and all electrical components are hidden under the air diverting cowling creating an extremely safe and efficient ventilation system