



# Specification Sheet

## Model # SA-37WT-HPE

Perfect for any installation requiring movement of the solar panel. Can be tilted and raised to 35 degrees or set flat against the solar fan. The Tilt Fan can also be rotated 360 degrees. 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: 37 watt, 17 to 22 DC, 1.5 amp, 36 mono-crystalline cell, solar cells with black back sheet  
 Motor: Solaro 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



#### 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



#### Solaro Max Aire Motor

Maximum Efficiency Yield Technology

Brushless Electronic Motor with Maximum Yield Technology. This new motor technology was developed by Solaro Energy - 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!



### Components

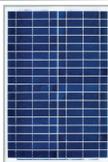
#### Mesh Screen

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



#### Solar Panel

37 watt, 1.5 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



#### Fan Blade

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

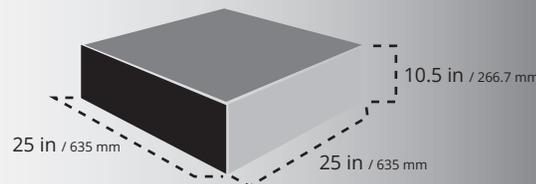
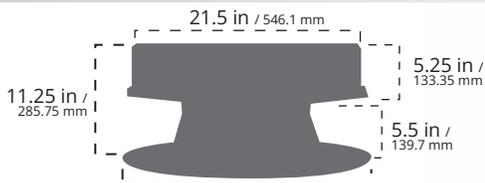


#### Motor & Fan Mount

The Max Aire motor is mounted under the aluminum air deflector. Keeping it out of the air stream



### Dimensions & Weight



**Important Note:** The Solaro Aire Attic Fan Ventilation System is 100% fire proof and all electrical components are hidden under the air diverting cowling creating an extremely safe and efficient ventilation system

**Limited Lifetime Warranty** - See warranty details for additional information.

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