

This product is designed to completely ventilate a 1 to 2 car garage, to remove heat, moisture and odors. The system is completely powered from a 30 watt, Solaro high energy, high performance, low iron, tempered glass, silicon based solar panel. The Day/Night Kit is supplied with a multifunction wall mount switch recessed wiring box, 30 watt DC power supply and various wiring and connectors.



## Technical Information

### Weight

Fan Weight: 19 lbs / 8.61 kg

Fan Packaged: 40 lbs. / 18.1 kg

### Performance

Air Flow Rate:  
900 to 1200 CFM  
Depending on solar exposure  
Ventilation: Up to 1250 sq.ft.

### Electrical

Solar Panel: 30 watt, 17 to 22 DC,  
1.25 amp, 36 mono-crystalline  
cell, solar cells with black back  
sheet  
Motor: Solaro Max Aire  
Brushless DC Motor, 19-24VDC

### 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

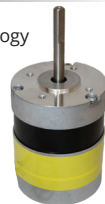


### Housing & Flashing System

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



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

### Flex Ducting & Ceiling Grill

10 ft. Long,  
10" Flex  
Ducting  
12" x 12"  
Aluminum  
Ceiling Grill



### Solar Panel

37 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



### 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

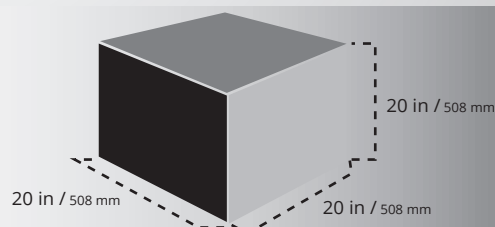
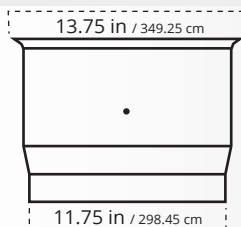
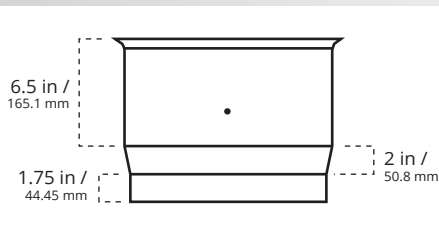


### Day/Night Switch Kit

Decora Multi-Functional Switch and Cover Plate  
AC Adapter  
120 volt outlet to low voltage power supply  
19 - 24 VDC



## Dimensions & Weight



**Important Note:** The Solaro Garage 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.