

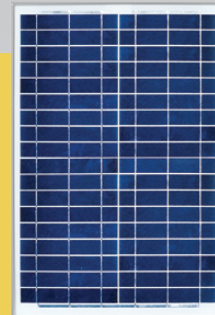


# Specification Sheet

Model # **SA-37W-BVS2**



The Solaro Basement Ventilation System helps keep your home safe for family, friends and pets by reducing moisture and harmful gas build-up (such as radon). And keeping fresh air circulating for a clean, energized feeling. The Solaro BVS2 comes with a DC power supply to plug right into your home, but a 37W - solar powered kit is also available. All units also include a timer that can be used on DC (house) power and manually set to run your unit at maximum energy efficiency to maintain a safe and healthy radon level or to periodically kick on to the air for freshness.



## Technical Information

### Weight

Fan Weight: 56 lbs / 25.4 kg

NOTE: Total KIT weight could vary

### Performance

Air Flow Rate:  
900 to 1200 CFM  
Depending on solar exposure  
Ventilation: Up to 1600 sq.ft.

### 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 **DC ONLY 110W**  
6' reach with provided power cord  
Use **ONLY** with Provided Power Supply

### Material

Housing System: Spun Formed, Aircraft Grade Aluminum  
Fan Blade: 12" Aluminum, Factory Balanced  
Wiring: 18 Gauge Copper Conductors with PVC Insulation



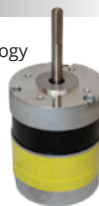
### Housing & Flashing System

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



### Solaro Max Aire Motor

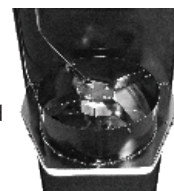
Brushless Electronic Motor with Maximum Yield Technology. This new motor technology was developed by Solaro Energy - Our engineers leveraged lessons learned from our original brushless electronic motor that we used for over 12 years. This new motor technology offers about 30% better efficiency and air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



## Components

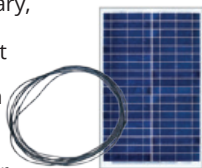
### Fan Blades

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



### Solar Panel

37 watt, 1.5 amp proprietary, high purity, solar panel  
Weather proof in the most severe conditions  
High transparent, low iron tempered glass  
Wire: 25' Cable  
18 Gauge stranded copper



### Timer

Allows on/off cycle to be set in 30 minute intervals  
Easy to Set and Change

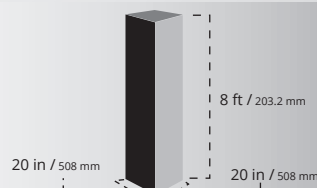
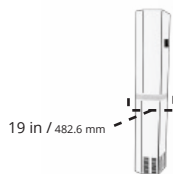


### 6" Flex Ducting and 6" Vents

1 - 10' long / 6" Flex Ducting (Flex ducting to be cut in half)  
2 - 6" vents



## Dimensions



*Maintenance: Simple exterior cleaning with soap and water. Dry with soft cloth*

**Important Note:** The Solaro Basement 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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