

# Solaro Aire™

Solar Powered Basement System

## SA-37W-BVS2

## Features & Benefits

All year round, your home needs to be ventilated. This includes all areas of the home as well as the basement. With the Solaro Basement System, you can circulate the air from the living space to the basement that will lead the air to the outside. This helps prevent stale air that can cause bad odor. The basement system operates at 550 CFM. Other problems from stagnant air can cause mildew build up, mold, or bugs that seek out damp and warm areas. With this system ventilating up to approximately 116.1 sq.m. it can make your home healthier and smelling cleaner. This unit not only clears the air it also helps with naturally occurring radon gas.



### MAX AIRE™ MOTOR

- Brushless Electronic Motor with Maximum Yield Technology. This new motor technology offers about 30% better efficiency and air moving performance, with an amazing 100,000 hours average motor run time! That's about 25 years of system operation time!
- Solaro Max Aire™ Motor specs: 0 to 19 VDC power input  
Minimum of 10 watts to a maximum 50 watts current input.

### DAY/NIGHT SWITCH

- Designed to operate the Solaro Aire ventilation systems, completely on solar power during the day and uses converted AC grid power at night, or in inclement weather. Using the Decora switch, it allows the user the ability to completely turn off the fixture or unit between solar power and converted grid power via DC power supply. This allows the grid to act like a battery.

### SOLAR PANEL

- 27, 37 or 40 Watt high efficiency mono-crystalline PV module. Normal 18V DC for standard output. Outstanding low-light performance. Heavy Duty anodized frames. High transparency, low-iron tempered glass. Rugged design to withstand high wind pressure, hail and snow. Aesthetic appearance.



### FAN HOUSING

- Encases the Max Aire™ Motor and all electrical components to eliminate moisture and corrosion.
- Seamless construct (no potential leaks)
- Aircraft grade spun aluminum
- Powder-coated finish for durability and curb appeal
- Will not rust or corrode
- 100% Fire Proof- Entire System

### FAN BLADE

- 12" - 5 Blade aluminum fan, aerodynamically optimized blade to improve airflow.
- Specifically designed for the Solaro Aire™ solar powered ventilation system
- Highest airflow efficiency
- Will not bend or create vibrations
- Operates whisper quiet throughout the day



**ActiveAire**  
Technology



**MAXIMUM EFFICIENCY:** Our advanced solar powered Basement Systems are not only easy to install and maintain, but are highly developed and extremely efficient. Making them the most effective basement system on the market! Day/Night KIT is also available. The basement system can keep you and your home healthy by circulating the air nonstop. This functionality provides insurance that it can prevent stale air and molds forming in the basement. Also, the Solaro Basement Ventilation System is a powerful remover of harmful Radon gas.