



# Product Evaluation

RV94 | 1016

Engineering Services Program

*The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).*

*This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.*

*This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.*

*For more information, contact TDI Engineering Services Program at (800) 248-6032.*

**Evaluation ID:** RV-94

**Effective Date:** October 1, 2016

**Re-evaluation Date:** June 2020

**Product Name:** Solaro Aire Solar Attic Roof Vent

**Manufacturer:** Solaro Energy, Inc.  
1404 Enterprise Road  
Socorro, NM 87801  
(575) 838 -3813

## General Description:

Solaro Aire™ Ventilation System is a solar powered attic ventilation system which may be manufactured with a low profile or high profile base unit. The low or high profile base materials is: 0.080" 3003-0 Spun Aluminum. The fan hood is: 4.50" x 0.063" thick aluminum.

## Limitations:

- **General:** All IRC and the IBC requirements must be satisfied and manufacturer's installation instructions followed, unless otherwise specified by this product evaluation.
- **Roof Slope:** The minimum roof slope is 2:12 and the maximum roof slope is 10:12
- **Design Pressure:** The maximum design pressure is: ± 90 psf.

## Installation:

**Design Drawing:** The units shall be installed in accordance with Drawing No. NL\_0056, titled 'Solaro Aire Solar Attic Roof Vent', sheets 1 through 4 of 4, dated October 21, 2015, prepared by Solaro Energy, Inc. and signed and sealed by Robert James Amoruso, P.E. on October 25, 2015.

**Note:** Keep the manufacturer's installation instructions available on the job site during the installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.