



EVALUATION REPORT

FLORIDA BUILDING CODE, 8TH EDITION (2023)

Manufacturer: THE ATTIC DEPOT LLC *Issued August 30, 2023*
 13627 Poplar Circle, #101
 Conroe, TX 77304
 (832) 379-5757
www.theatticdepot.com

Quality Assurance: PRI Construction Materials Technologies (QUA9110)

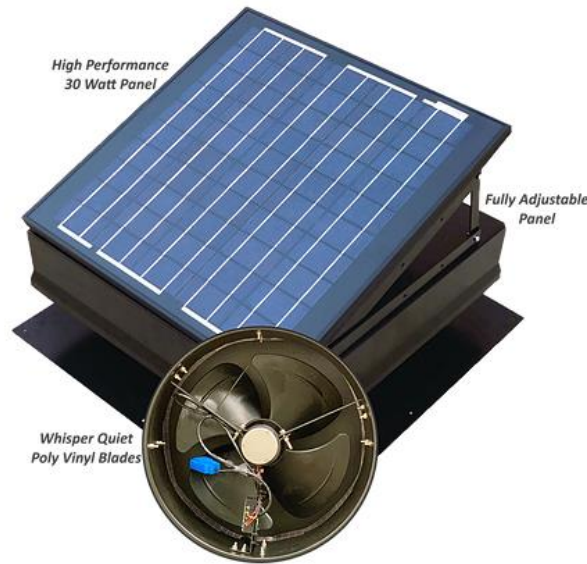
SCOPE

Category: Roofing
Subcategory: Roofing Accessories that are an Integral Part of the Roofing System
Code Sections: 1503.5, 1709.2
Properties: Roof Ventilation

REFERENCES

<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>	<u>Year</u>
PRI Construction Materials Technologies (TST5878)	2259T0001	ASTM E 330	2014

PRODUCT DESCRIPTION



30 WATT SOLR ATTIC FAN (Model# 30W1900):

A solar powered, thermostatically controlled exhaust fan for attics. Solar Attic Fan is composed of a 19-inch x 19-inch, powder coated, galvanized steel shroud with 14-inch diameter throat flashing and eight (8) pre-punched mounting holes in the base flange. The exhaust fan assembly is 9-inches in overall height and contains an adjustable solar panel mounted to the top of the shroud. All metallic components shall be comply with FBC Section 1507.4.3.



APPLICATION

Deck Type: Minimum 15/32-inch 32/16 span rated, 4-ply, CDX plywood sheathing; (Deck shall be designed by others in accordance with FBC requirements)

Attachment Method: Cut out the vent opening in the roof sheathing 12-inches from roof ridge or 5-ft from roof ridge vent with maximum 14-inch diameter. Do not cut into trusses or rafters when cutting opening in the roof.

Remove interfering shingle nails 4-inches around the perimeter of the top half of the opening and any debris so that the flashing of the vent lays flat to the roof sheathing under the underlayment and shingles. Apply two (2) concentric rings of roof and flashing caulk to the bottom of the flashing. Insert flashing under underlayment and shingles at the top of the opening until shingles meet with the raised portion of the flashing and place remaining flashing above the shingles below the opening. Care should be taken in keeping the vent properly aligned and centered over opening before securing. Fasten vent into the pre-punched holes using eight (8) #14-13 x 2" Pancake Head screws with DP1 tip and 5/8" O.D. sealing washer. Fasteners shall be corrosion resistant and conform to FBC Section 1506.6). Roof and flashing caulk should be applied to the screw heads, roofing nails and all shingle edges near the outer edge and around the top perimeter.

Allowable Roof Coverings: Asphalt shingles

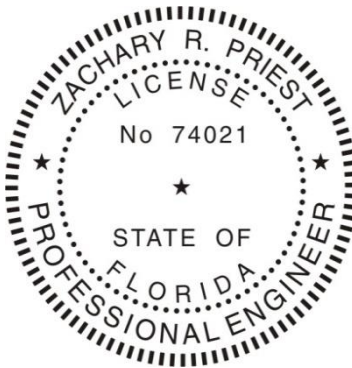
Maximum Design Pressure: **-150 psf** for installation over plywood deck
Pressures calculated using 2:1 margin of safety per 1504.9.

LIMITATIONS

- 1) This report is not for use in the HVHZ.
- 2) Fire Classification is outside the scope of this evaluation.
- 3) Installation of the roof assembly is outside the scope of this evaluation.
- 4) The roof deck and deck attachment shall be designed by others in accordance with the FBC.
- 5) Deck substrates shall be clean, dry, and free from any irregularities and debris. All fasteners in the deck shall be checked for protrusion prior to installation.
- 6) Vents shall be installed in strict compliance with this evaluation report and the manufacturer's published installation instructions. In the event of conflict, the more restrictive installation shall be enforced.
- 7) Vents are intended to provide active ventilation for an enclosed attic in residential construction applications.
- 8) All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.

COMPLIANCE STATEMENT

The products evaluated herein by Zachary R. Priest, P.E. have demonstrated compliance with the Florida Building Code, 8th Edition (2023) as evidenced in the referenced documents submitted by the named manufacturer.



This item has been digitally signed and sealed by Zachary R. Priest, PE, on 8/30/2023.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Zachary R. Priest, P.E.
Florida Registration No. 74021
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CERTIFICATION OF INDEPENDENCE

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Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any company manufacturing or distributing products under this evaluation.

Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.

END OF REPORT