

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION

Effective February 1, 2012

RV-66

*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 shall be subject to reevaluation **April 2015**.*

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.

Self Flashing Solar Powered Attic Fan manufactured by

U.S. Sunlight Corporation

923 Tahoe Blvd. #110

Incline Village, NV 89451

Telephone: (925) 271-7614

are accepted for use in designated catastrophe zones along the Texas Gulf Coast when installed in accordance with the manufacturer's installation instructions and this product evaluation.

PRODUCT DESCRIPTION

Solar Powered Attic Ventilators Models 1010TR, 9910TR, 9915TR, and 9925TR: These model series are self-flashing, roof mounted, solar powered attic fans designed for composition (asphalt) shingle roof systems or similar low-profile roofing materials. These model series feature a solar panel directly attached to the top of the fan shroud. The models associated with the basic models listed are indicated in the following table:

1010TR	9910TR	9915TR	9925TR
HD1410	HD1210	HD1415	OC1125
LW1410	LW1210	LW1415	OC9925
BM2010	BM0010	BM9915	OC125025
US1110	US0010	US1115	HD1425
			LW125025
			BM9925

LIMITATIONS

Design Wind Pressure: -150 psf

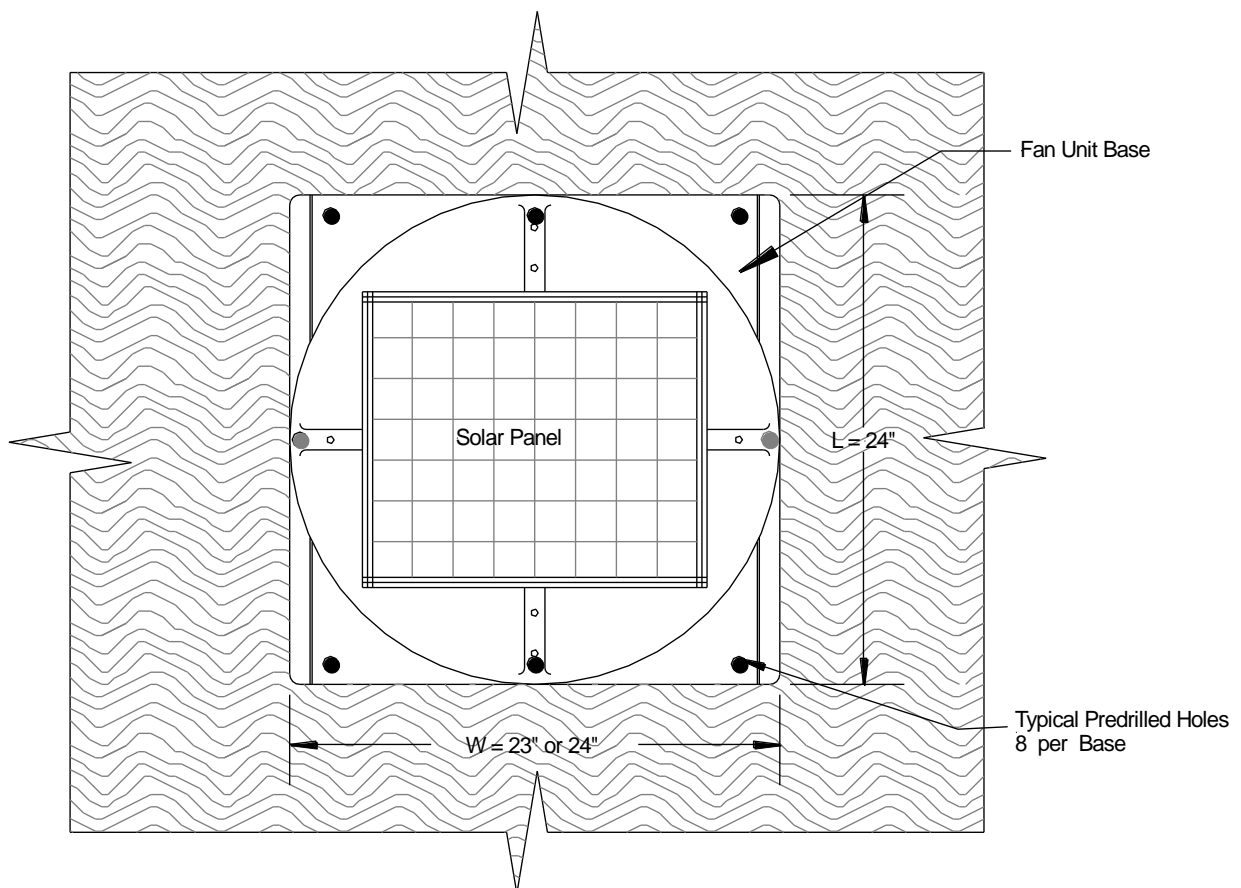
Roof Slope: The Solar Powered Attic Ventilators shall be installed on roofs with a minimum slope of 4:12 and a maximum slope of 12:12.

INSTALLATION INSTRUCTIONS

Roof Deck: The roof deck shall consist of plywood sheathing with a minimum thickness of 15/32”.

Attachment: The Solar Powered Fan Unit is anchored to the plywood deck with eight (8) #8 x 2” hex washer head screws through pre-punched holes in the flashing at corners and mid-span of each side. The anchor screws fully penetrated the plywood deck and did not engage any of the roof framing.

Installation Drawing



Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.