



BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
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CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

**The Solar Group
III Fellowship Road
Taylorsville ,MS 39168**

Your application for Notice of Acceptance (NOA) of:

Turbine Roof Ventilator-Aluminum

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 01-0606.05
EXPIRES: 08/23/2006

Raul Rodriguez
Chief Product Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 08/23/2001

ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category: Vents
Material: Aluminum

Approval Date: August 23, 2001
Expiration Date: August 23, 2006

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
TOB-12S Turbine Vent	12" wide at base 17-1/2" high thickness: 0.025"	PA 100(A)	Turbine ventilation system.
TIB-12S Turbine Vent	12" wide at base 17" high thickness: 0.025"	PA 100(A)	Turbine ventilation system.

TEST REPORTS

<u>Test Agency/Identifier</u>	<u>Name</u>	<u>Report</u>	<u>Date</u>
Celotex Corporation Testing Service	PA 100(A)	MTS 258328B	11/97
Celotex Corporation Testing Service	PA 100(A)	MTS -258328A	11/97

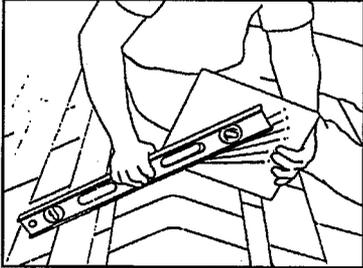


Frank Zuloaga, RRC
Roofing Product Control Examiner

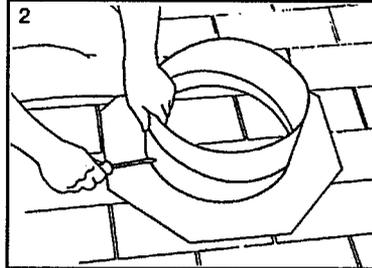
APPROVED APPLICATIONS

Tradename: TOB-12S, TIB-12S

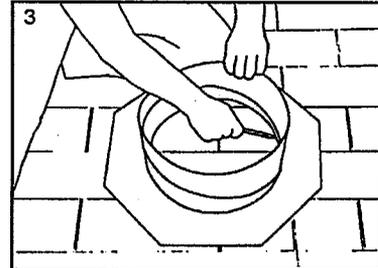
System Type: Mechanical attachment of turbine vent over composition shingles.



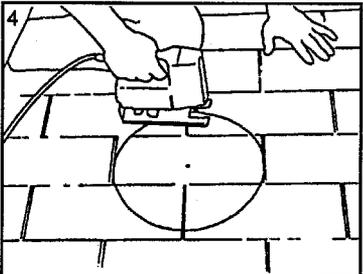
To determine roof pitch, stand pitch gauge on peak of roof. Place straight edge on opposite side of roof. Read roof pitch from printed gauge parallel to bottom of straight edge.



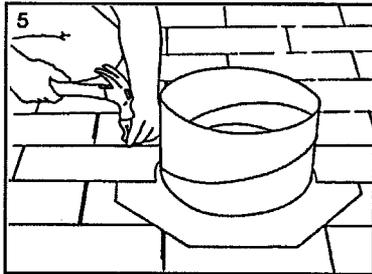
Turn bottom of collar clockwise to match roof pitch with indicator line on flashing. Place 3 screws through holes that align with predrilled base holes.



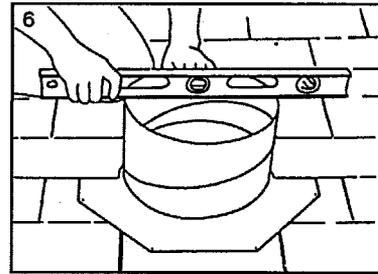
Choose location of turbine. Center between two rafters and mark hole to be cut.



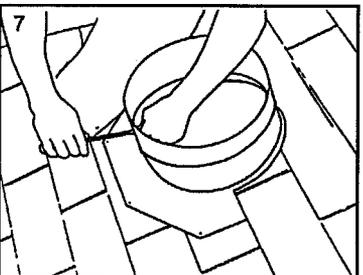
Cut hole as marked and seal around top and sides with roofing cement.



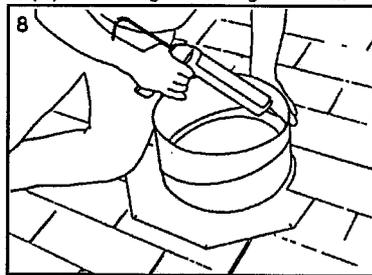
Slide top half of flashing under shingles all the way to the collar. Apply a 1/2" bead of caulk between the roof deck and the bottom face of the vent flange. Secure with (12) 1-1/4" x 3/8" galvanized ring shank nails.



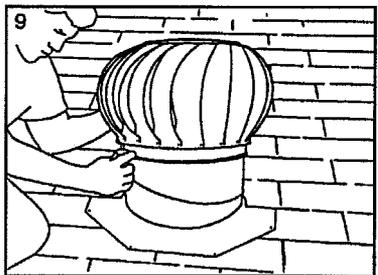
Turn top of collar counter-clockwise to a level position.



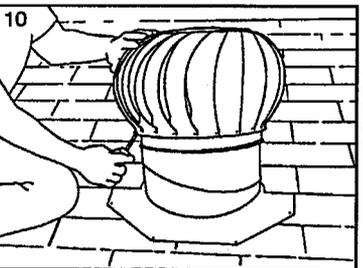
Place locking clamp across seam and tighten with machine screw.



Using caulk, fasten down any loose shingles. Using caulk, seal all seams and nails.



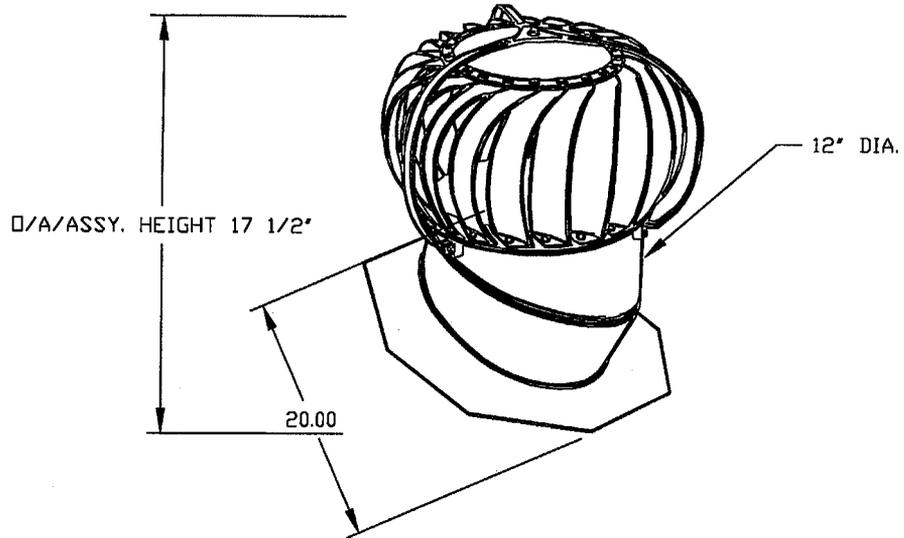
Position turbine onto the collar, locating the vertical legs into the collar slots. Install the #10 x 1" sheet metal screws through the vertical legs and into the entruded holes in the collar. Tighten the screw firmly, but do not over-tighten to the point that the screw strips out.



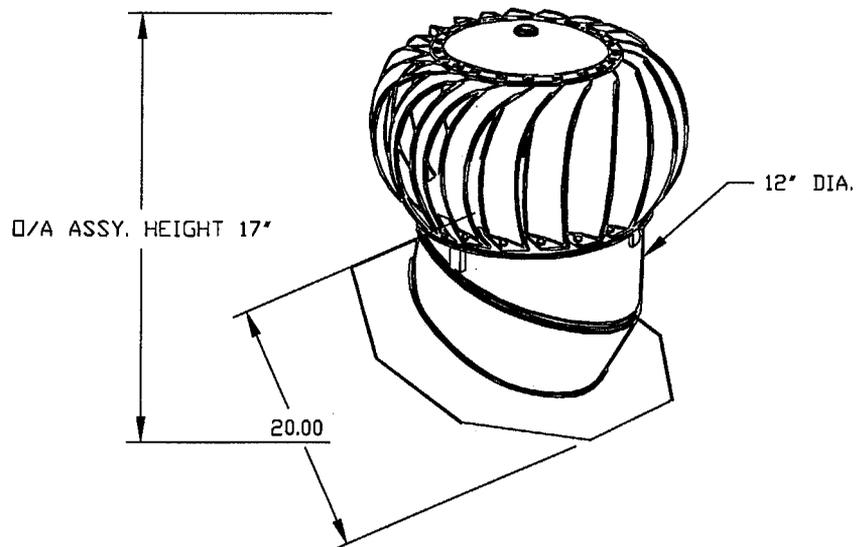
After completing installation, check to make sure the turbine turns freely. The turbine may have shifted in transportation. If necessary, gently pry lowest point of turbine upward to remove any wobble.

Net Free Area= See manufacturer's published literature

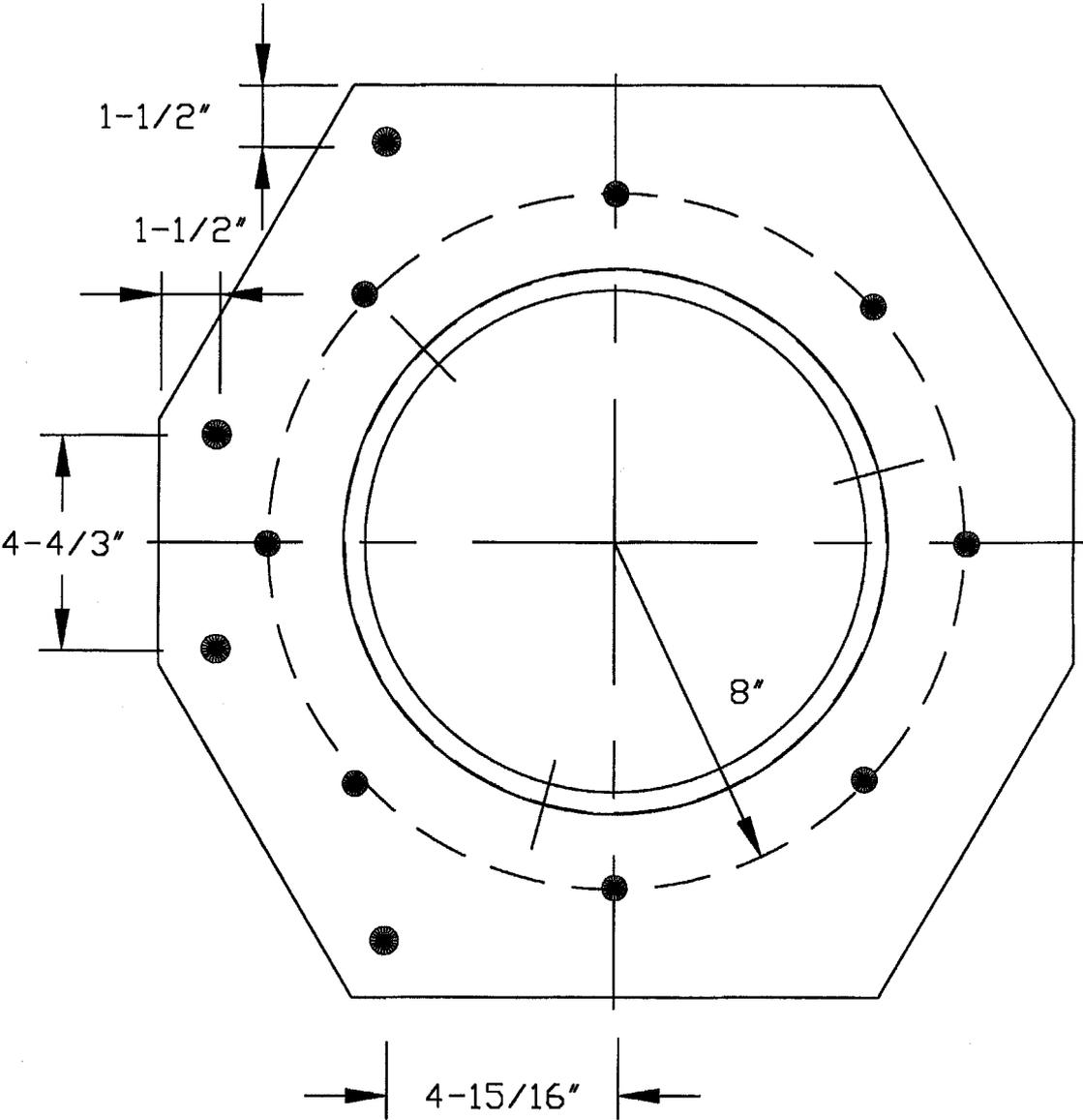
**DETAIL A
TOB-12S**



**DETAIL B
TIB-12S**



DETAIL C
BASE NAILING PATTERN



LOWER END

UPPER END

Frank Zuloaga, RRC
Roofing Product Control Examiner

GENERAL LIMITATIONS:

1. Refer to applicable building codes for required ventilation.
2. TOB-12S, TIB-12S turbine roof ventilators shall be installed over composition shingles roofs only.
3. TOB-12S, TIB-12S turbine roof ventilators shall not be installed on roof mean heights greater than 33 feet.



NOTICE OF ACCEPTANCE STANDARD CONDITIONS

- 1 Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
- 2 Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
- 3 Renewals of Acceptance will not be considered if:
 - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
 - b) The product is no longer the same product (identical) as the one originally approved;
 - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
 - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted, is no longer practicing the engineering profession.
- 4 Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
- 5 Any of the following shall also be grounds for removal of this Acceptance:
 - a) Unsatisfactory performance of this product or process;
 - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purposes.
- 6 The Notice of Acceptance number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
- 7 A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all times. The copies need not be resealed by the engineer.
- 8 Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
- 9 This Acceptance contains pages 2 through 7.

END OF THIS ACCEPTANCE

