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# BROAN 355SOBK Owner's Manual

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# Installation



Broan-NuTone LLC  
926 West State Street  
Hartford, WI 53027

## **WARNING**

### **TO REDUCE THE RISK OF INJURY TO PERSONS, OBSERVE THE FOLLOWING:**

1. Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer at the telephone number listed at the bottom of this page.
2. Installation work must be done by a qualified person(s) in accordance with all applicable codes and standards.
3. When cutting or drilling into the structure, do not damage electrical wiring and other hidden utilities.

## **CAUTION**

1. For general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors.
2. To avoid motor bearing damage and noisy and/or unbalanced impellers, keep drywall spray, construction dust off power unit.
3. This unit has an unguarded impeller. Do not use in locations readily accessible to people or animals.
4. Your attic fan installation will create a screened opening into your attic space. During a heavy rainstorm there could be a light spray of rain into your attic space. This is a normal condition with all attic ventilators and will not cause any damage to the structure. We recommend you do not store any valuable articles directly under the fan opening in the roof.
5. Please refer to specification label on the product for further information and requirements.

## **Location and Procedure for Self-Flash Solar Fan**

Determine the sun's best exposure location on your roof barring shade (trees, other buildings etc) at 4:00pm in the hottest month of the year. Generally, we recommend a point located centrally on the south, southwest, or west side of the home. At the highest point on the roof, 24"-36" on ctr. off the ridgeline. If multiple fans are required then evenly split the difference. We recommend removing the cardboard cover first to make sure the fan is operational, and then replacing it for safety during installation.

## **SDF-Self Flash Installation**

### Composition Shingle Roofing –retro fit.

1. Measure from the Mid-point on the ridgeline, approximate 24"-36" on center. Mark the spot and drill a hole, using a jig/reciprocating saw, cut a 13 1/2 inch round hole in the roof (making sure NOT to cut rafter).
2. Fan preparation:
  - a. Remove the top assembly of the solar fan by removing the four (4) S.S. 5/16 sheet metal screws on the base. The top will separate easily from the bottom. This will leave the base assembly separate for installation.
3. Tools required for the next step will be: a flat bar, utility knife, silicone for roofing.

### Shingle preparation.

Simply loosen the course of shingles located at the half-way point of the hole (this may require the removal of some nails) and slide the base assembly up underneath the shingles and notch them as needed. This will require the use of a flat bar. Remove the base assembly and apply a large bead of silicone on the bottom side of base in the perimeter groove molded into the base.

Make sure the Arrow on the fan base is pointed toward the roof peak. Carefully reinstall base back underneath the shingles and align the hole on the decking and the base. Nail the base down in several places and replace the shingles (use roofing adhesive/caulking to reseal the shingles as needed). Make sure to silicone any exposed nail heads. Replace the top vent assembly and the 4 screws. Remove the cardboard over the panel.

## **Tools Needed**

- |                           |   |
|---------------------------|---|
| - Tape Measure            | - Marker or Scribe                              |
| - Knife                   | - Flat Bar                                      |
| - Drill                   | - Jig Saw or Reciprocating Saw                  |
| - Roof Caulk              | - Roofing Nails, Hammer or Screwdriver & Screws |
| - 5/16 Socket & Extension |   |

***For further info call Broan Customer Service 800-558-1711***

**BROAN-NUTONE LLC**  
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The Exclusive Limited Warranty Agreement (the “Warranty”) is entered into by and between Customer and Broan-NuTone LLC (“Broan”). Customer has carefully reviewed this Warranty and agrees that Broan’s performance of its obligations hereunder will provide Customer with an adequate remedy which will serve the essential purpose of the parties’ agreement relating to the products manufactured by Broan and identified on the reverse side hereof (the “Products”). Customer acknowledges and agrees that he/she is purchasing the Products for residential purposes (and not for industrial or commercial purposes) after careful inspection of the same. Customer’s rights and benefits hereunder inure solely to Customer, as the original purchaser of the Products, and are non-assignable and non-transferable. No other party or entity, including, without limitation, subsequent purchasers or owners of the Products shall have or be entitled to assert any rights or benefits hereunder.

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