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Thank for you purchasing the Remington Solar Attic Fan. Please take the time to read through the entire instructions prior to starting any work.

**Tool Required**

Reciprocating Saw    Marking Pen    Measuring Tape    String  
Razor Knife    Screw Gun    Caulking Gun    Ladders  
6, 6# 1½    Phillips Head Screwdriver

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You have one of 3 models:

20-Watt encased panel	25-Watt Tilt Panel	25-Watt “Remote” panel
Model # SF20	Model #SF25	Model #SF25-D

Special installation notes for each model:

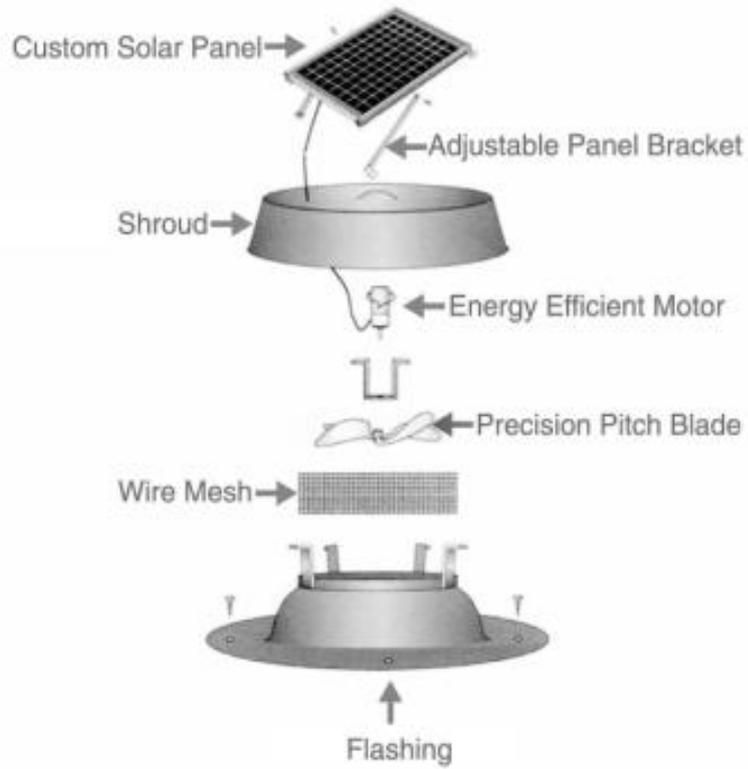
SF20 – This is a simple encased panel fan that flashes underneath the leading edge of your shingles. This unit includes humidistat and thermostat. Make sure you remove the small plastic bag that has the small thermostat and humidistat (underneath the fan near the blade) after installation. Also, clip the small plastic tie that will allow the thermostat to hang (approximately 2 feet) from the unit (to get an accurate attic temperature reading). Fan operates above 80 degrees Fahrenheit. (26.7 degrees Celsius).

SF25 – See installation instructions for SF20. However, this fan allows the solar power panel to tilt. Angle the tilt to maximize the sun exposure by tilting towards a south or west position. Typically, steep pitched roofs will require higher tilt. This fan is also suitable for houses that face south, so the fan needs to be on the back of the house, but tilted towards the south.

SF25-D – This fan system will allow you to mount the solar panel directly to the roof at a separate location where the fan is located. This may be due to shading or limited sun exposure where the fan needs to be located.

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**Remington Solar Attic Fan Components**





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## 10 Easy Steps

### Step 1

Choose a location for your Remington Solar Attic Fan on the south of the roof, considering potential problems like tree, chimney etc. They may shade the solar panel during certain times of the day, reducing run time.

If a southern exposure is not possible, the fan can be installed on any other exposure and the solar panel can be adjusted to capture maximum sunlight.

Note: The Solar Attic Fan must be installed between roof rafters. However, if you want to retrofit an existing turbine (Whirlybird) or electric fan, you may do so. Just enlarge the hole if necessary, being careful not to cut through a rafter. However, the Remington Solar attic fan may sit atop a rafter if necessary without impeding too much air flow.

### Step 2

Using either a string or template, create a 14 1/2 inch diameter circle onto the roof shingles.

Note: Roof rafters are generally 16" or 24" on center. On 16" on center construction, the installer can either cut a 14" hole between the rafters or cut a 19" hole with the roof rafter running through the cut hole.

### Step 3

The Solar Attic Fan must be installed between roof rafters. Do not cut through any framing member. With a reciprocating saw, cut the diameter of the hole.

### Step 4

With razor knife, cut a 4 inch through the shingles and tar paper. On opposite sides of the flashing, This provides the footprint for the flashing to be inserted under the shingles.

### Step 5

Remove any roofing nails in the area where the base will be slid under the shingles.

### Step 6

Lay a bead of Silicone Sealant around the base of the flashing.

### Step 7

Slide the flashing underneath the tar paper and shingles. Adjust the flashing up until the shingles come into contact with the raised portion of the flashing. The bottom side of the flashing will be on top of the shingles.



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#### Step 8

Position the four screws around the flashing. Two screws go on either side, and the remaining two go on the top and bottom. The side screws should go underneath the shingles. The top and bottom screws should go on top of the shingles.

Lay a bead of Silicone Sealant over each fastener head and along the edges to seal shingles to the base or roof decking

#### Step 9

Lay a bead of Silicone Sealant along the edge of the shaft base to insure a waterproof seal

#### Step 10

Remove the foam protective cover and adjust the panel. Use the screws and nuts to fasten the angles.

## 8 Handy Tips

1. Choose the location carefully to ensure optimal sun exposure through the day. Check for any shade on the roof created by trees, chimney, or satellite dish.
2. Measure twice and cut once. Take a minute to create a template that will create the correct dimensions for your cut.
3. Center the Solar Attic Fan approximately 2 feet away from the roof ridge to facilitate good circulation.
4. Before you begin, gently clean any oil residue from flashing.
5. Use a high quality silicone sealant to ensure a good waterproof seal.
6. You can remove the solar attic fan thermal switch. The fan then will operate only when there is sunshine, and shut off at dusk.



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**WARRANTY**

Solar panel Life time limited warranty\*  
Housing: Life time limited warranty\*  
Motor : Life time limited warranty\*

\*The limited warranty from date of original purchase for manufacturing defects under normal and reasonable use, and subject to the maintenance requirements and installation guidelines set forth in the product instruction manual. This warranty is non-transferable.

What is Covered: Dealer warrants its product to be free from defects in material and workmanship when leaving the factory. Remington Solar will provide replacement of parts (not labor) for any defective component.

What is not Covered: Any type of damage to the product due to improper installation, maintenance, or failure to provide necessary and reasonable maintenance; any damage or injury caused by misuse and/or unreasonable use of the product; storage or Acts of God; Dealer will not honor any claims for damage to any products.

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You must send this form back to Remington Solar to register your warranty within 30 days:

Name \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

Installation address:

\_\_\_\_\_

Date Purchased: \_\_\_\_\_

Purchased from: \_\_\_\_\_

Who installed your fan? \_\_\_\_\_ Contact: \_\_\_\_\_

Serial Number \_\_\_\_\_ Model Number \_\_\_\_\_

Mail this page to:

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