



## Solar Attic Fan Installation and Operation Manual *SAF25R / SAF10R*



Watch the  
installation  
video!



### INTRODUCTION

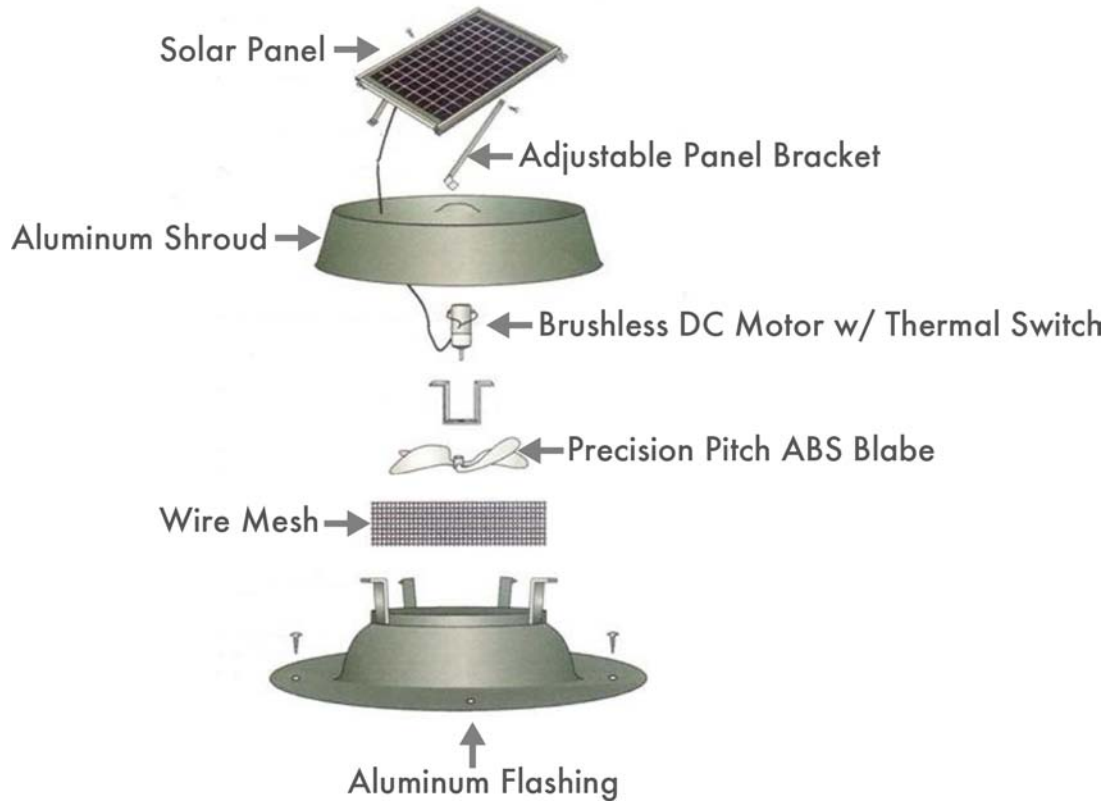
Congratulations on your purchase of an AirScape Solar Attic Fan! It is designed to keep the attic cool during the day, thus reducing the need for air conditioning and prolonging the lifetime of your roof. Please take the time to read this entire manual before proceeding with installation.

### CAUTIONS / WARNINGS

- Installation must be done in accordance with local codes and standards.
- Take caution and use proper safety equipment when walking on roofs and ladders.
- Only install in dry weather.
- Be careful to NOT cut any structural members of the roof.

## WHAT'S INCLUDED

Unit comes fully assembled and ready to install.



## CHOOSING A LOCATION

Make these considerations before selecting a location for your AirScape Solar Attic Fan.

- The solar panel should receive optimal sunlight, as it will only operate when the sun is shining.
- Find a location near a roof peak so the hottest air in the attic will be removed.
- The location should also be away from other attic vents so the air will travel the farthest distance through the attic and produce the maximum cooling effect.

Scan this code to watch the ArScape Solar Attic Fan installation video



## INSTALLATION

Note: This unit is designed for simple install on a composite shingle roof. For assistance with other roof types, consult a roofing professional.

1.) Carefully choose a location on the roof for optimal sun exposure throughout the day. Avoid areas shaded by trees, chimneys, etc.



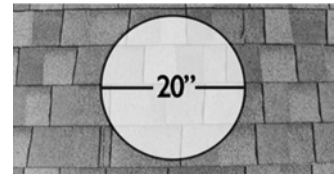
2.) From the inside of the attic, mark a spot centered between roof rafters, approximately 2 feet from the roof peak. Drive a long screw or nail through at that point. Take note of rafter spacing.



3.) Back on the roof, locate the screw or nail. Using a compass or string and chalk, scribe a 20" diameter circle on the roof shingles centered at this point.



4.) Cut out and remove the shingles and tar paper inside this circle using a razor knife. Do NOT cut through the roof yet.



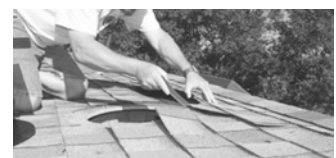
5.) Scribe another smaller circle inside the other, with a diameter of 14" to 20", depending on rafter spacing. It is VERY IMPORTANT not to cut the roof rafters, so be sure this circle is centered and smaller than the space between them.



6.) Using a reciprocating saw, cut out the smaller circle. Once again, be careful to NOT CUT ROOF RAFTERS.



7.) Pry up the shingles around the upper half of the cutout and remove roofing nails if necessary. The fan flashing will go under the shingles on the upper half and over the shingles on the lower half of the cutout.



## INSTALLATION (cont.)

8.) Clean up any dust and debris and wipe down the underside of the fan flashing. Then apply a bead or two of high-quality roofing caulk around the underside of the fan flashing.



9.) While lifting the shingles on the upper half, carefully move the fan into place by sliding the flashing UNDER the shingles and tar paper. Again, the lower half of the flashing sits ON TOP of the shingles.



10.) Position the fan housing so the panel directs south, and fasten the flashing to the roof using (4) #6 screws.



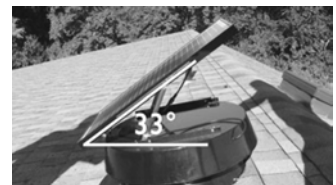
11.) Re-attach shingles on upper half with roofing nails if any were removed.



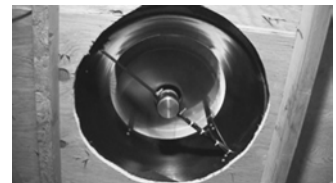
12.) Apply caulk to the screw heads and around the perimeter of the flashing to ensure a waterproof seal.



13.) Adjust solar panel to roughly 30 degrees from horizontal.



14.) Verify operation. (Unit will only operate at or above 80 degrees F)



## SPECIFICATIONS / DIMENSIONS



## CONTACT INFORMATION

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## WARRANTY INFORMATION

### **Hardware**

AirScape warrants the original end user ("Customer") that new AirScape fan products, including all moving parts, motors, dampers, and damper actuators will be free from defects in workmanship and materials, under normal use, for three (3) years from the original purchase date. Electronic timers are excluded and are warranted by the manufacturer.

### **Software**

AirScape warrants to Customer that the AirScape fan software will perform in substantial conformance to its program specifications for a period of three (3) years from the date of the original purchase.

### **Exclusions**

This warranty excludes (1) physical damage to the surface of the product, including cracks or scratches on the outside casing; (2) damage caused by misuse, neglect, improper installation, unauthorized attempts to open, repair, or modify the product, or any other cause beyond the range of intended use; (3) damage, caused by accident, fire, power changes, other hazard, or acts of God; or (4) use of the product with any unauthorized device if such device causes the problem.

### **Exclusive Remedies**

Should a covered defect occur during the warranty period and Customer notifies AirScape, Customer's sole and exclusive remedy will be, at AirScape's sole option and expense, to repair or replace the product. Replacement products or parts may be new or reconditioned or a comparable version of the defective item. AirScape warrants any replaced product or part for a period of ninety (90) days from shipment, or through the end of the original warranty, whichever is longer.

### **Obtaining Warranty Service**

Customer must contact and return product to AirScape, Product dealer or Installer within the applicable warranty period to obtain warranty service. Dated proof of original purchase will be required. AirScape will not be responsible for Customer's memory data contained in, stored on, or integrated with any products returned to AirScape for repair, whether under warranty or not.

### **Warranty Exclusive**

The forgoing warranties and remedies are exclusive and in lieu of all other warranties, express or implied, including warranties of merchantability, fitness for a particular purpose, correspondence with description, and non-infringement, all of which are expressly disclaimed by AirScape and its suppliers.

### **Disclaimer**

Neither AirScape nor its suppliers shall be liable for incidental, consequential, indirect, special, or punitive damages of any kind, or financial loss arising out of or in connection with the sale or use of this product, whether based in contract, tort (including negligence) or any other theory, even if AirScape has been advised of the possibility of such damages AirScape's entire liability shall be limited to replacement or repair of the product.