

SOLAR POWERED ATTIC FAN

Installation Guide



We thank you for purchasing an
ELITE SOLAR POWERED ATTIC FAN

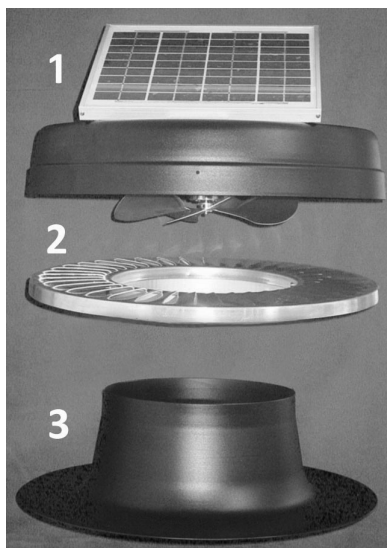
This product has a limited-lifetime warranty when installed in accordance with manufacturer's written installation instructions.

IMPORTANT:

Please read the entire installation guide prior to commencing.

Take safety precautions when walking on the roof.

Do not remove cardboard protection from solar panel until completely installed.



1. Fan Cover Assembly

- Solar Panel
- Fan Cover
- Motor
- Fan Blade

2. Louver Ring

3. Roof Flashing

STEP 1: Once you find the ideal location, make a hole just big enough to reach inside the attic to make sure there are no roof beams or wires in the way. Use the supplied template to mark the final hole centered between roof beams and cut using a reciprocating saw. At the 9:00 and 3:00 o'clock positions of the hole, cut two 5" long slits through the shingles and tar paper and pull or cut nails from slit to slit towards the peak. Apply roof caulking to the bottom side of the roof flashing and slide flashing underneath tar paper (**Figure 1**), centering with hole and securing to the roof with (8) #8 x 2" self-tapping stainless steel or corrosion resistant screws (*supplied*).

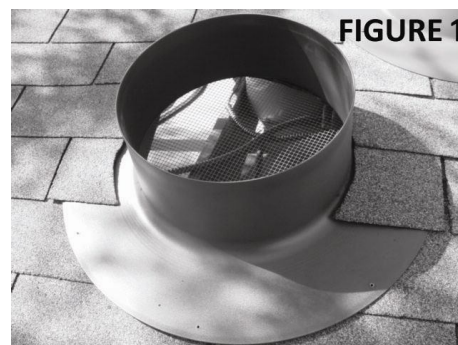


FIGURE 1

STEP 2: Once the flashing has been secured to the roof, mount louver ring onto flashing (**Figure 2**), and secure with (4) #8 x 1/2" self-tapping stainless steel screws (*supplied*; **Figure 3**).



FIGURE 2

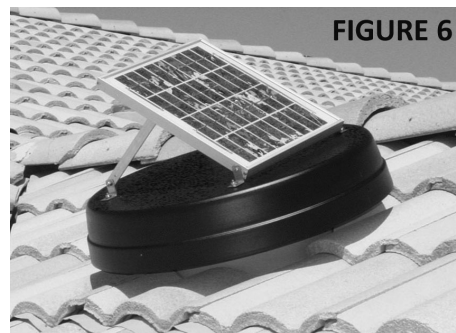


FIGURE 3

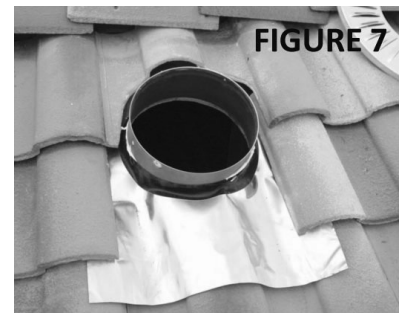
STEP 3: Carefully mount fan cover over louver ring (**Figure 4**), and secure with (6) #8 x ½" self-tapping stainless steel screws (*supplied*; **Figure 5**). You can now remove cardboard protection from Solar Panel. Use supplied roof caulk to seal any loose shingles as well as areas where slits were cut, around the top and shingles over the flashing.



STEP 4: Once your new Elite Solar Powered Attic Fan has been installed, you may adjust the solar panel (**Figure 6**) to receive the best direct sunlight for optimal performance.



TILE ROOF INSTRUCTIONS: Remove several tiles and follow instructions same as on **STEP 1** for Shingle Roof installation, then unroll/unfold aluminum skirt with EPDM material and install over flashing (**Figure 7**). Cut and replace tiles according to local roofing codes. Use supplied roof caulk to seal where needed and follow **STEPS 2 and 3** of Shingle Roof instructions to complete installation.



FLAT ROOF INSTRUCTIONS: When the hole is cut, apply two concentric beads of supplied roof caulking to underside of flashing. Center flashing with hole and secure to roof with (8) #8 x 2" self-tapping stainless steel or corrosion resistant screws (*supplied*). Apply a 4" reinforcement fabric and high quality roof mastic (*not supplied*) around perimeter of flashing to double seal any potential water leaks. Finish installation by following **STEPS 2 and 3** of Shingle Roof instructions.

IF ANY QUESTIONS OR PROBLEMS SHALL ARISE, PLEASE FEEL FREE TO CONTACT US AT ELITESOLARSYSTEMS.COM OR CALL 866-772-5418

AGAIN, WE THANK YOU FOR CHOOSING

ELITE SOLAR SYSTEMS

FOR YOUR SOLAR VENTILATION NEEDS



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