



# HUVCO – Daylighting Solutions ©

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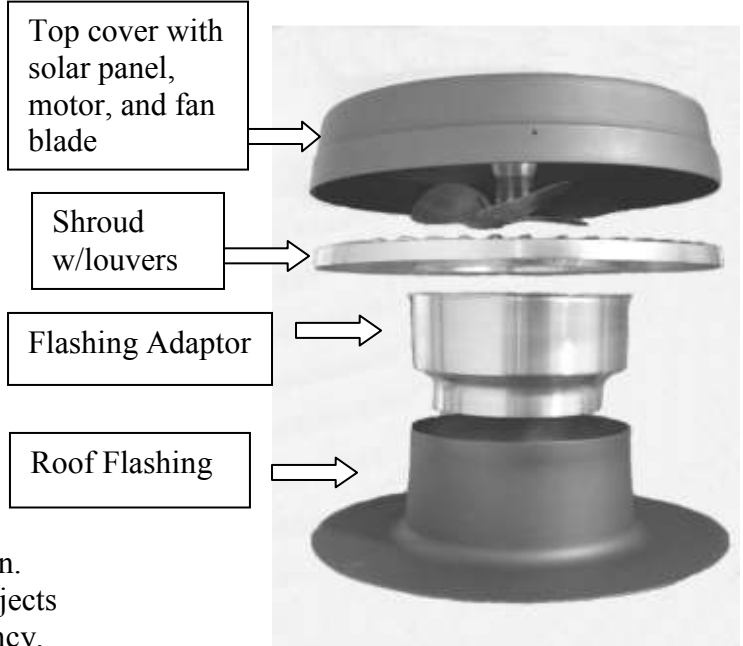
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## INSTALLATION INSTRUCTIONS FOR SOLAR POWERED ATTIC FAN

Step by step instructions for composite shingle,  
Flat and concrete tile roofs

### CAUTION:

*Roof work can be dangerous. HUVCO assumes no responsibility or obligation for failure of a designer, architect, installer or building owner to comply with all applicable building codes, ordinances and safety requirements. Read the instructions prior to starting.*



Find the best location for your new solar powered attic fan. We recommend the south side away from any shading objects and about 2 feet down from the roof peak for best efficiency.

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

**STEP 2:** Grab the shroud with louvers, mount it to the flashing and secure it with (4) # 8 x .500" self tapping stainless steel screws (supplied).



**STEP 3:** Carefully mount the top cover over the shroud and secure it with (4) # 8 x .500” self-tapping stainless steel screws (supplied). Use the supplied roof caulk to seal any loose shingles as well as the areas where the slits were cut, and around the top and shingles over the flashing.



### **ADDITIONAL INSTRUCTIONS FOR TILE ROOFS**

Remove several tiles and follow instructions same as on step 1 for shingle installation, then unroll the aluminum skirt with EPDM material and install it over the flashing according to the picture bellow, cut and replace tiles according to local roofing codes, use the supplied roof caulk to seal where needed and follow instructions same as on steps 2 and 3 for shingle installation to complete installation.



### **ADDITIONAL INSTRUCTIONS FOR FLAT ROOFS**

When the hole is cut, apply two concentric beads of the supplied roof caulking to the underside of the flashing, center the flashing with the hole, secure it to the roof with (8) # 8 x 1 5/8” self-tapping stainless steel or corrosion resistance screws (supplied), apply a 4” reinforcement fabric and a high quality roof mastic (not supplied) around the perimeter of the flashing to double seal any potential water leaks, follow instructions same as on steps 2 and 3 for shingle roof installation and your done.

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**WE THANK YOU FOR PURCHASING AN HUVCO SOLAR POWERED ATTIC FAN**  
This product has a lifetime warranty on the housing, 10 years on the solar panel and 5 years on the motor when installed in accordance with the manufacturer’s written installation instructions.



**Made in USA**