

Self Flashed Solar Fan Installation Instructions—Existing Roof



Step #1—Measure 24” - 36” down from the center of the ridge cap depending on roof slope and place a mark for the center of the hole to be cut in Step #2. Top of Housing should be lower than the top of the ridge.



Step #2—Cut 13-3/4” circular hole into roof. The hole should be approximately 1/4” larger than the base opening in order to properly waterproof the base to the roof.



Step #3—Mark notches on shingles and cut notches out so that the shingle can fit properly against the base.



Step #4 —Remove any roofing nails in the area where the base will be slid under the shingles.



Step #5—Lay a bead of Silicone Building Sealant around the base as shown in the photo (Dow Corning 795 or equivalent is recommended).



Step #6—Slide the base under the roof shingles until the base is centered over the opening.



Step #7—Lift roofing shingles and nail base perimeter to the roof (including bottom, sides and top of base).



Step #8—Lay a bead of Silicone Building Sealant over each nail head and along the edges in order to seal each shingle to the base or roof decking.



Step #9—Lay a bead of Silicone Building Sealant along the edge of the shaft base and tool the bead to insure waterproof integrity.



Step #10—Place the panel housing and fan onto the base.



Step #11—Screw the housing onto the base.



Step #12—Take off the cardboard protective cover and enjoy your new solar fan.

