



SOLAR POWERED SOFFIT FANS LLC

CSF 210 Basic Solar Panel Installation

1. Select the location-
 - Full sunlight most of the day, all year, without shadows.
 - Within reach of the fan wire. If you need more wire, splice in 18/2 low voltage landscape wire, keeping the same polarity.
 - Flat enough that the aluminum C pieces on either end of the panel back make good contact. Test this!
 - Horizontal, or slightly tilted to the south. See www.solarpaneltilt.com for year around tilt suggestions.
2. Use a plastic wire tie (provided) to attach the wire tightly to the back of the panel as pull strain relief.
3. Complete the entire panel, fan, and wire installation without attaching the panel to the surface. Test it!
4. Turn the panel over, and apply a thick bead of a good grade outdoor adhesive caulk to the entire surface of both aluminum C pieces. Follow the caulk manufacturer's instructions.
5. Turn the panel over and put it in place. Push down lightly and do not squeeze all of the caulk out from under the C pieces; leave at least 1/16"-1/8" between the C pieces and the surface. Temporarily tape or lightly weight the panel and wire in place until the caulk fully cures in accordance with the manufacturer instructions. Make sure the wire is not pulling on the panel during this time.
6. If you ever need to remove the panel after the caulk cures, cut the caulk with a razor.

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