

GABLE FAN INSTALLATION

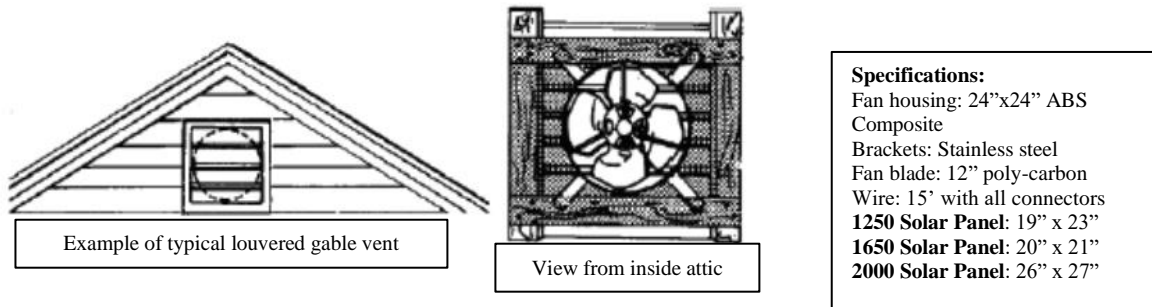
For SRS Fan Models:
GBL1250 FT, GBL 1650 FT, GBL 2000 FT

USE THIS PAGE FOR - Mounting an SRS Gable Fan behind a louvered gable vent.

The **SunRise™ Solar-Powered Gable Fan** is designed to mount behind existing louvers on the inside of the attic. If no louver exists, one must be installed. Louvered vent should be mounted in the center of the upper portion of the gable wall as high as possible. There is some loss in fan output because louvers block some of the air flow. Metal louvers have more open area than wood louvers and usually allow more air flow.

When installing the **SunRise Gable Fan** behind louvers, you should seal off or box in any louver area not covered by the ventilator housing to prevent air leakage and recirculation. Allow at least one square foot of air intake area for every 300CFM of ventilator capacity. Air intake should come from the eaves (soffit), or a louver mounted on the opposite gable end of attic.

CAUTION: When installing louvers, do not remove existing structural members without providing alternate support.



Mounting Instructions:

- 1) Screw or nail Gable Fan Housing to framing directly behind gable louver as discussed above.
- 2) Remove solar panel from packing. Find a suitable location on the roof to mount solar panel – a Southern or Western-facing roof slope will allow the solar panel to capture the most sunlight during the heat of the day. The solar panel comes with a 15' extension cord, so be sure the solar panel is not more than 15' from the Gable Fan Housing inside the attic.
- 3) If possible, feed the wire into the attic through an existing vent hole or ridge cap. Or, drill a 3/8" hole through the roof and feed the wire down into the attic. Apply a generous amount of silicone or other sealant to the area where the wire goes through roof.
- 4) If installing a **SunRise 1250** Panel in ABS Frame, set the solar panel in place, and mount to roof using the (8) exterior-grade screws provided. Apply sealant to screw heads and around perimeter of mounting flange to prevent leaks. If installing a **SunRise 1650** or **SunRise 2000** please refer to the METAL FRAME instructions on the back of this sheet.
- 5) From inside attic, connect wires to solar panel, matching red (or white) to red and black to black.
- 6) Gently plug wire connectors into tabs on side of motor, red to red and black to black.
- 7) Use included wire ties to secure loose wire to motor bracket arm.

NOTE: Wire connections must be correct before completing the installation. If positive (red or white) is mistakenly plugged into the negative (black or blue) side it will not harm the motor, but the fan will not run.

IMPORTANT INFORMATION FOR METAL-FRAMED SOLAR PANEL MOUNTING



Four (4) heavy-duty aluminum "L" brackets have been provided with this solar panel to allow it to be mounted to any roofing surface.

Use the (4) 5/8" self-tapping stainless steel screws to secure "L" bracket to solar panel frame. Use a 1/8" drill bit to drill pilot holes in the solar panel frame after determining the location of the "L" bracket.

Use (4) of the (8) 1 1/2" self piercing zinc-coated screws with attached rubber and metal washer to secure "L" bracket to roof.

The remaining (4) 1 1/2" self piercing zinc-coated screws with attached rubber and metal washer may be used to mount the fan housing to the gable wall inside attic.

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Solar Attic Fans.....made in the USA!



*Determine the exact location of the brackets BEFORE attaching brackets to solar panel frame.....this is important when mounting a solar panel to a barrel tile concrete roof.