Solar Attic Exhaust Fan/Ventilator

Installation and Mounting Guide

Model: ILG8SF303

This Solar Panel with Ecological Ventilator can be installed anywhere of a building. We herein just present 2 major mounting methods:

Gable Wall application * Basement application and describe in 3 parts:
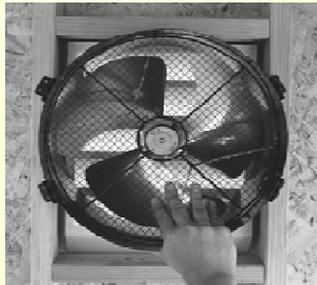
Part I: Installing the attic fan
Part II: Mounting the Solar Panel
Part III: Connecting Solar Panel to the attic fan

Part I: Fixing the Ventilator

1. Fix the ventilator to the wall using screws provided.
* Simply cut an opening at diameter of 12 inch / 14 inch before you start installing the unit!
* If you do not want to cut an opening on the wall, but make use of the old static openers, you can build a wooden and fix the ventilator into that frame instead.
* Fan blades' orientation should be relatively outward of the house.

Ventilator body can be installed in the wooden frame

seal off the left space with tar paper or duct tape

2. The ventilator's mounting brackets on sliding rails are flexible.
* Loosen screws to set the desired position of brackets first, then fix them with bolts.

2 kinds of bolts are provided in package:

for concrete wall mounting use

for wooden wall mounting use

2

Part II: Mounting the Solar Panel

The solar panel can be placed directly on building roof, or mount it onto the wall. Regardless of which method you choose, please use the bolts & nuts provided in the carton to secure the solar panel.

* The solar panel is fasten by all 4 inside from carton. Open it by loosening one side screws, and take out the braces.
* When the mounting plate is installed, set up solar panel's angle with those 2 braces.

for concrete wall mount

solar panel's angle braces

for wooden wall mount

* To prevent leaking, please apply enough waterproof roofing sealant on the screw heads in mounting plate.
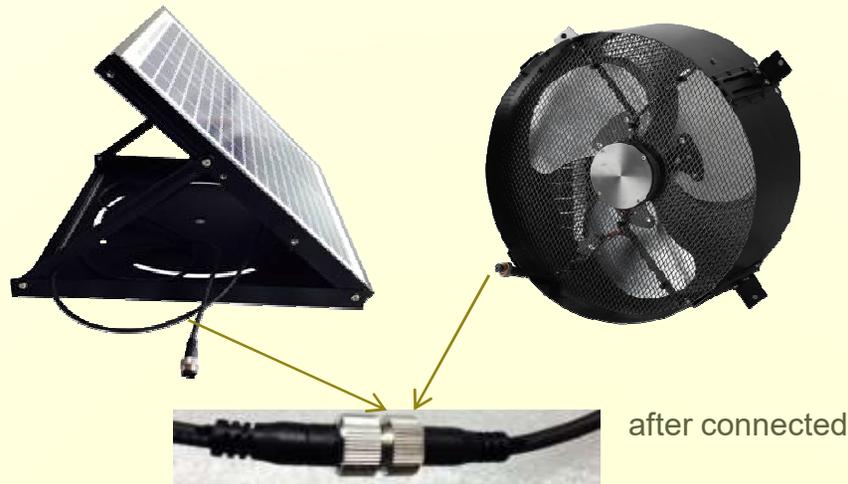
Part III: Connecting Solar Panel to the Extractor

When extractor & solar panel are both finished, the remaining task is to connect the wires!
* Be sure to do wiring properly with coaxial staples.
* To prevent water running down the wire into the house, please include a drip curve when securing the wire to the wall!

after connected

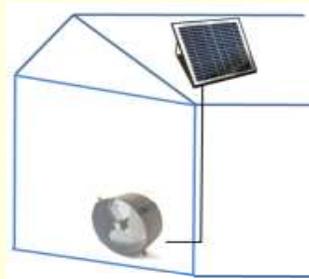coaxial staples + a drip curve

INSTALLATION ILLUSTRATION:

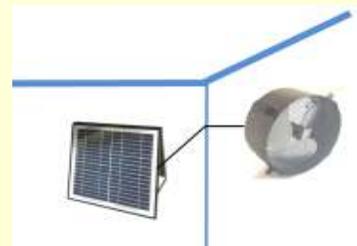Gable mounting

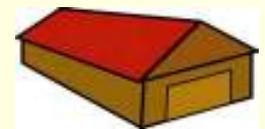(wooden frame might be adopted)

basement mounting

(wooden frame might be adopted)

solar panel mounted on roof

solar panel mounted onto wall

wall mounting (more for industrial)

How long is the warranty?

This solar roof exhaust fan comes with a ONE-YEAR LIMITED COMPONENT WARRANTY. If your unit does not appear to be working properly, please contact our service center by calling 1-800-317-1688. Prior to your call, please have your product's model number, serial number, and purchase receipt/invoice ready so that we may assist you more expediently.

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