



Gable Mount Fan User Manual



WARNING: Read and understand all instructions, warnings, and cautions before using this product. Failure to follow the instructions, warnings, and cautions may result in serious personal injury and/or property damage.

Item # 24208

SAVE THESE INSTRUCTIONS

Thank you for purchasing a Nature Power product!

Please read this manual thoroughly and keep the manual and your purchase receipt in a safe place for future reference.

Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.

If you are missing any parts, or receive damaged parts please call Customer Service at **1-800-588-0590**.

Intended Use

The Gable Mount Fan is designed to be installed into any building that requires ventilation. Powered by high efficiency polycrystalline solar panel, no running costs, no pollution.

Technical Specifications

Property	Specification
Fan Size	14 1/2 x 6 9/10 in
Solar Panel Type	20W Polycrystalline
Fan Blade	14 in
Weight N/W	15.87 lbs
Air Flow	2295CMH(1350CFM)
Speed	1450RPM
Fan Motor	Brushless DC

Important Safety Information

⚠️WARNING

The warnings, cautions, and instructions in this manual cannot cover all possible conditions or situations that could occur. Exercise common sense and caution when using this product. Always be aware of the environment and ensure that the product is used in a safe and responsible manner.

Do NOT use to exhaust hazardous material, dust, or combustible vapors.

During installation, always wear appropriate safety glasses, gloves, hard hats, restraints, and other safety equipment to avoid injury. Warning: Always wear durable work gloves while handling the unit.

Observe all applicable building and electrical codes

Inspect for hidden utilities before cutting or drilling. Do NOT damage electrical wiring or other hidden utilities when cutting or drilling.

Read and understand all instructions. Failure to follow all instructions may result in serious injury or property damage.

Do not allow persons to use the product until they have read this manual and have developed a thorough understanding of how it works.

Do not modify this product in any way. Unauthorized modification may impair the function and/or safety and could affect the life of the product. There are specific applications for which the product was designed.

Use the right tool for the job. DO NOT attempt to force small equipment to do the work of larger industrial equipment. There are certain applications for which this product was designed. It will do the job better and more safely at the capacity for which it was intended. DO NOT use this product for a purpose for which it was not intended.

Industrial or commercial applications must follow OSHA requirements.

Assembly

Part 1: Fixing the Fan

Typical installations include placement in a basement or gable. Instructions are shown below for these two sample installations. As the fan may be installed in any number of locations, these instructions are provided as a general guide. If you are unsure of how to install in your particular location, consult with a skilled handyman or contractor.

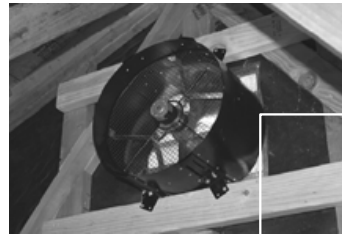
Safety precautions should be taken at all times.

Choose a location for installing the fan.

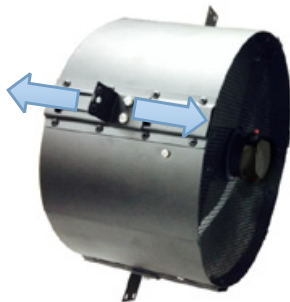
Place the fan behind an existing gable wall louver or install a new louver and intake. The fan should be approximately 3" (76 mm) to 4" (102 mm) away from the exterior louver.



Fan be installed in the wooden frame



The fan's mounting brackets on sliding rails are adjustable, Loosen screws to set the needed position of brackets, Fix them with 8bolts. Carefully adjust the brackets to the desired position and affix to frame. It may be necessary to build additional supports to fit the fan into the desired position.



Two kinds of bolts are provided in pacakage:



For concrete wall

For wooden wall

Part 2: Mounting the Solar Panel

Choose the optimal location for the solar panel.

The fan is powered by the solar panel and will run only when the solar panel is receiving adequate sunlight. For this reason, the optimal location for the solar panel will be where it can receive the maximum amount of sunlight during the day, with the little or no shade.

The solar panel is secured with all four (4) screws in the package. Open the solar panel by loosening the screws on one side, to remove the brackets concealed inside

Once the solar panel is installed, run the cable inside through the louvre. Ensure there is a dip in the wire on the outside as shown below. This will allow any condensation and rain to drip off the wire and not enter the structure.



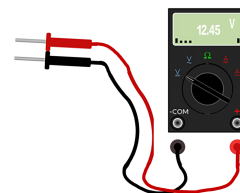
For concrete wall



solar panel's angle braces

Part 3: Connecting Solar Panel to the Fan

Connect the solar panel cable to the fan connection cable. Expose the solar panel to sunlight. Use a multimeter to verify and mark the positive and negative wires.

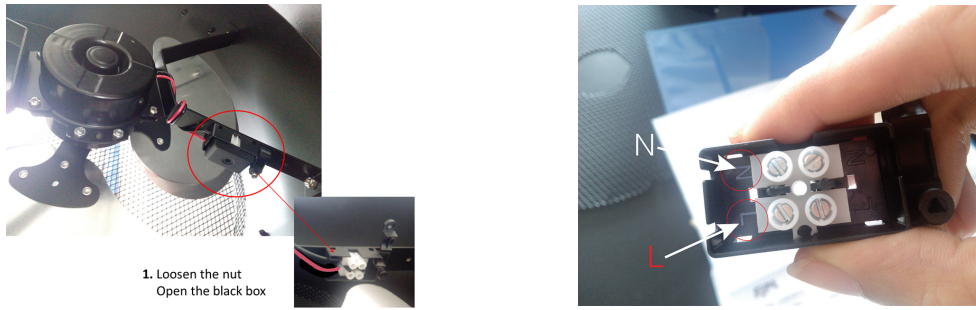


Note: Disconnect the solar panel from the fan connection cable.

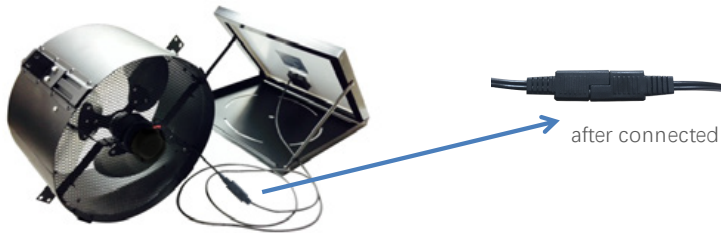
Open the black connection box located on the fan by removing the nut. Identify the positive and negative terminals:

N: Negative
L: Positive (Live)

Connect the marked wires of the disconnected fan connection cable to the appropriate terminals in the connection box. Positive to positive, negative to negative.
Ensure tight connections, then replace the cover on the connection box.

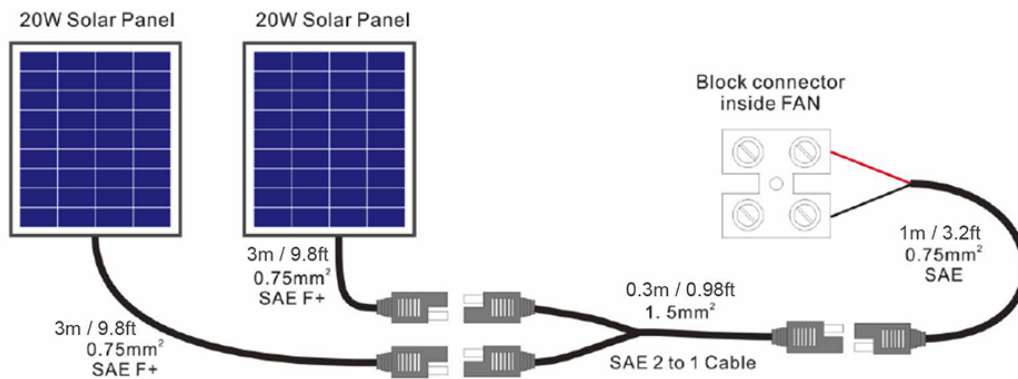


Connect the solar panel cable to the fan connection cable.



ADDING AUXILIARY SOLAR PANEL

2x20W Panels Solar Fan Connection Diagram



2x 20W Panels Solar Fan Connection Diagram

Maintenance

The solar panel requires no maintenance except occasional cleaning and replacement of damaged or worn parts. Solar panel may be cleaned by wiping with a clean damp cloth. Do not use soap or solvents. Use only identical replacement components. Components that may be suitable for one device may create a risk of injury when used with another device.

Parts Lists

Item No.	Description	Qty
1	20W Polycrystalline Solar Panel with Connecting cable	1
2	Ventilation Fan	1
3	Ventilation Fan Connecting cable	1
4	Solar Panel Mount Bracket	1
5	Installation Accessories (pack)	1
6	User Manual	1

Replacement Parts

- For replacement parts and technical questions, please call Customer Service at **1-800-588-0590**.
- Not all product components are available for replacement. The illustrations provided are a convenient reference to the location and position of parts in the assembly sequence.
- When ordering parts, the following will be required: model number, and description.
- The distributor reserves the rights to make design changes and or improvements to product lines and manuals without notice.

Limited Warranty

Nature Power warrants our products to the original purchaser that this product is free from defects in materials and workmanship for the period of one year from date of purchase. In addition, The solar panel is warranted to generate up to 80% of rated power for a period of five years from date of purchase. In the case of product defect, contact Nature Power customer service to receive troubleshooting. If defective part or unit should be returned, a return Authorization Number must be issued by Nature Power and the defective part or unit should be returned to the authorized location at the purchasers' expense. A dated proof of purchase is required to receive warranty service. Once received at authorized location and defect proves to be the result of defective material and workmanship, the defective part or unit will be replaced at warrantors' option and returned to the original purchaser at warrantors' expense. No refunds will be granted by the warrantor, in the event of buyer's remorse please contact your point of purchase within and in adherence to their return policy. Refunds are granted at the retailers' discretions.

Dated Proof of Purchase is required.

Limitations on the Warranty

This limited warranty does not cover: (a) normal wear and tear; (b) damage through abuse, neglect, misuse, or as a result of any accident or in any other manner; (c) damage from misapplication, overloading, or improper installation; (d) improper maintenance and repair; (e) product alteration in any manner, and (f) broken glass.



Please contact Nature Power Products to acquire more information:

1-800-588-0590

info@naturepowerproducts.com

www.naturepowerproducts.com

(Fan) Made in China

(Solar Panel) Made in Vietnam