



## MECHANICAL SPECIFICATIONS

### THE NEW SELF-CONTAINED SOLAR POWERED ATTIC-VENTILATING FAN.

Fan-Attic Jr's state of the art, high-powered solar module combines: Certifications, Design by Engineers, and new solar technology into an industry leading Solar Attic Fan. The newly designed Fan-Attic Jr. is designed specifically for smaller areas, such as sheds and garages. The Fan-Attic Jr. solar panel is matched to our custom-engineered DC Motor.

#### COMPONENTS

October 1, 2009

##### Photovoltaic Module:

- \* Hi-Powered 5 watt configuration custom engineered exclusively for the Fan-Attic Jr. application.
- \* Framed solar module mounted to the shroud with tilt mechanism.
- \* 18 Q cells from Germany
- \* Manufactured to ISO 9001 standards

##### Output Cable:

- \* Two(2)-18awg. lead wires from the junction box on the underside of the PV module are routed down the outer side through a rubber grommet to the inside of the lower section.

##### Substrate:

- \* Tedlar

##### Overlay:

- \* Encapsulation between hi-transmission tempered glass and the EVA "TPT-TPE" guarantees the solar module excellent durability under harsh outdoor conditions.
- \* Manufactured to DIN / EN ISO 2001 2000 and ISO 9001 2000 and ISO ITSI 6949 / 2002 Certification by TÜV, Rheinland

##### Shroud Cover:

- \* Standard zinalume.

##### Brackets:

- \* Shroud support comes from four(4)ga. cover brackets and fastened by four(4) ga. rivets.

##### Fan Motor/Blade Assembly:

- \* EBM Papst motor/fan assembly
- \* 12 volt motor made in Germany
- \* UL approved

##### Roof Flashing/Base:

- \* 18" square horizontal section of 26ga. Zinalume alloy-coated steel.

##### Screen:

- \* The bottom section of the base houses a galvanized mes
- \* .225 galvanized mesh wire



#### Ventilates up to 400 Square Feet

The powerful UL® approved motor cools your garage, shed or small space and removes potentially dangerous fumes for a comfortable & safe space all year round.



#### Conserves Energy & Saves You Money

Our advanced solar-powered system delivers maximum airflow quickly and efficiently without the need for electricity.



#### Removes Damaging Moisture

Improved ventilation eliminates excess moisture, preserving the integrity of your roof and preventing the growth of mold & mildew.



#### Installation is a Breeze

The Fan-Attic Jr. can go from box to roof – no assembly required, no wires or electrical connections to worry about.



#### Product Assurance Warranty

Fan-Attic guarantees their materials & workmanship to be free from defects for a period of 20 years on the solar panel and 3 years on the motor.