



## INSTALLATION GUIDE

### SAFETY CONSIDERATIONS AND WARNINGS

1. Use appropriate safety glasses, gloves, hard hats, restraints, and other equipment to avoid injury.
2. Follow your local Fall Protection Plan and Rules.
3. Wear durable work gloves while handling the unit during installation. This product may have sharp edges that can cause injury.
4. Observe all applicable building codes in your area.
5. Do not damage electrical wiring or other hidden utilities when cutting or drilling.
6. Prevent any material you remove from falling into the attic space.
7. Use this unit only in the manner intended by KPNE. If you have any questions, please contact **SolarMaster**<sup>®</sup> Technical Service at [info@kpneproducts.com](mailto:info@kpneproducts.com)

### OPERATION

**SolarMaster**<sup>®</sup> unit fan will operate automatically when the solar panel is illuminated by sunlight. It's speed of operation will vary with the intensity of sunlight the panel is exposed to.

### RECOMMENDED INSTALLATION INSTRUCTIONS

1. Tools and materials required: Drill, Drill Bit, Extension cord, Pencil, tape Measure, Utility Knife, Sabre Saw or Jigsaw, Hammer, Pry Bar, Caulking Gun, Roofing cement, Galvanized Roofing nails

2. Check your roof orientation and decide the location that has best sun exposure. It is recommended south, southwest, or west side of house.
3. Inside your attic find the vent location. Indicate the install place halfway between rafters and drill a guide hole through the roof. Try to place the vent as close as possible to the peak of the roof below the ridge line.
4. At the roof, with a nail and string scribe 12" diameter on the shingles.
5. Cut the shingles inside of the circle.
6. Drill start hole and inside the 12" circle and cut off boards inside of the line.
7. Remove shingle nails around.
8. Apply roofing cement on the bottom side of the vent flashing. Start 2/3 of the top of the square and slide the vent under the shingles with side marked UP aimed towards the ridge. Doublecheck and align the vent base with the roof hole.
9. Lift the shingles and nail or screw the vent base to the roof.
10. Finish installation by sealing shingles and nails with roofing cement.