



Solar Powered Ventilation

4582 Kingwood Drive
Suite E-154
Kingwood, Texas 77345
877-288-4234
www.atticbreeze.net

Standard Mounting Bracket Guide

The Standard Mounting Bracket Kit is designed for use with *Attic Breeze* solar powered ventilation products featuring a remotely mounted solar panel. This bracket kit will allow the solar panel to be mounted on a typical pitched roof, conforming to both the facing direction and slope of the roof line.

Getting Started

Begin by attaching the panel brackets to the solar panel as shown in Figure 1. Secure the four brackets to the outside mounting holes of the solar panel using the 1/4 inch hardware included with the bracket kit.

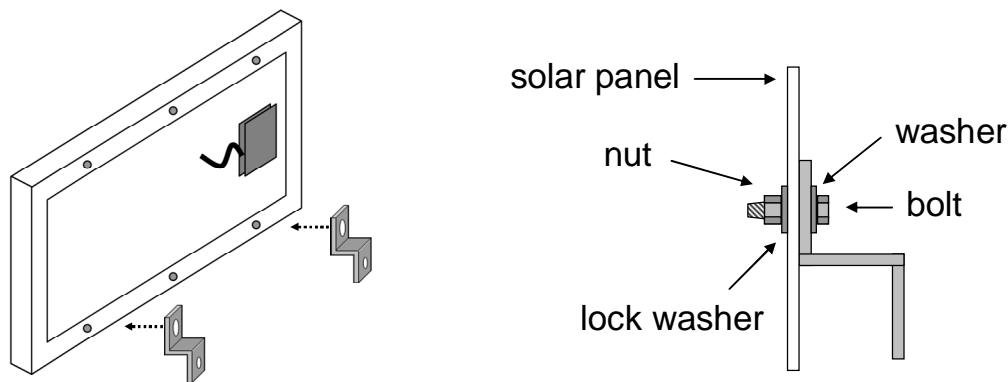


Figure 1 - attaching the solar panel and brackets

Mounting Angle & Orientation

A roof mounting location should be chosen which allows the solar panel to face due south with full sun exposure throughout the day. Additionally, for most locations in North America, the optimum solar panel inclination will typically be between 45-60 degrees from horizontal. In general, this angle range corresponds well to most common roof pitches and will allow the solar panel to work at optimum performance.

Roof Mounting

Before mounting the solar panel, connect the panel plug attachment to the remote panel cable. Next, secure the panel brackets to the roof using either retaining bolts or lag screws (not included in kit). Make sure to weatherproof any penetrations to the roof by applying a silicone or urethane sealant to the lag screws or bolts both during and after installation.

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