



## SPECIFICATIONS

# iSolar 19W-MOD-UAS

## Solar Powered Attic Fan

by iSolar Solutions

### iSolar Attic Fan 19W-MOD (Modular)



Fan Gasket Assembly

A modular roof mount solar attic fan that easily retrofits into existing vent covers. Generally requires two units that can be strategically located on a roof for optimal air-flow. A natural solar energy driven fan, making high efficient yet quiet ventilation via its top grade brushless motor. An energy-saving ventilation solution for a healthy and comfortable environment!

Retrofits into existing vent hole or with a new hole cut to 8" - 9", depending on model.

- **Removes moisture and harmful mold and mildew**
- **Extends lifespan of roofing materials**
- **Reduces strain on air-conditioners**
- **Balances indoor temperature**
- **Prevents ice-damming in winter (without thermal auto shut-off)**

\* Due to lack of industry standards, CFM is often quoted as the maximum peak output of a bare fan in laboratory conditions. iSolar CFM is representative of operating in typical attic conditions ranging in output from 250 CFM to a maximum of 400 CFM, depending on intensity of the sunlight and duration of direct sunlight on the panel.

Power:	19W Solar panel
Solar Panel:	Polycrystalline, adjustable / detachable size: 38.1x44.6x2.5 cm (15x17.5x1 in.)
Fan Blades:	(5) Composite plastic fan blades. 7.6 cm (3 in.)
Cable:	66 cm (26 in.) length cable to connect solar panel and fan. Longer cable sizes available.
Fan Housing:	One-piece fan and plenum for easy retrofit under existing vent covers.
Fan Dimensions:	17.2x15.2x5 cm (6.7x6.x2 in.)
Air Movement:	250 to 400 CFM*
Packaging:	46x38.8x9 cm (18.1x15.4x3.5 in.)
Weight:	4.03 kg. (8.9 lbs.)
Applications:	Roof/Attic, Gable or Crawlspace, Golf Course Washrooms, Sheds and Outbuildings

User Adjustable Switch: Includes user adjustable switch

#### MOTOR

Type:	Brushless DC
Voltage:	0.8A~24V
Power:	≤ 20W
Size:	7.6 cm (3 in.) diameter
Motor Speed:	3500 RPM
Quietness:	< 65 dB
Material:	Aluminum and recycled plastic, high quality ball bearings.
Intrusion Protection:	IP56 (Dust Resistant)