



iSolar Attic Fan

Specifications

International
Solar Solutions Inc.

iSolar Attic Fan 50W-INT-R (Round) • iSolar Attic Fan 50W-INT-S (Square)

Compact • Strong Construction • Patented Design



50W-INT-R



50W-INT-S

Fully assembled solar roof fan comes with adjustable solar panel on top and strong galvanized steel unibody fan casing. Finished with anti-UV powder coating. Compact design, all in one unit.

Easy installation. No maintenance.

High Efficiency Air-flow: Equipped with patented design wind-guide cone. Produces less drag and faster exhaust. Prevents rain or wind from flowing backward.

A one-piece roof mount, high performance solar attic fan capturing natural solar power, creating efficient ventilation with a quiet brushless motor. An energy-saving green solution for a healthy and comfortable home environment.

100% solar-powered. The iSolar Attic fan refreshes stale overheated attic air with no electricity required.

- **Removes moisture and harmful mold and mildew**
- **Extends lifespan of roofing materials**
- **Reduces strain on air-conditioners**
- **Balances indoor temperature**



* 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 its fully-integrated units operating in typical attic conditions.

Power:	50W Solar panel
Solar Panel:	Polycrystalline, adjustable / detachable size: 49.5x58.0x2.5 cm (19.5x22.8x1 in.)
Fan Blades:	17.8cm (7in.) Composite blades (nylon and fiberglass), 7 pcs with aluminum shaft sleeve
Fan Guard:	Metal
Shroud Cover:	Round (R) or Square (S)
Fan Housing:	Galvanized steel with anti-rust, anti-UV powder coating.
Fan Dimensions:	53x53x25.5 cm (20.9x20.9x10 in.)
Air Movement:	1126 CFM*
Packaging:	65x65x34 cm (25.6x25.6x13.4 in.)
Weight:	18 kg. (39.7 lbs.)
Applications:	Roof/Attic, Greenhouses
Thermal Auto Shut-off Switch:	Set to 25C/77F (on) and 18C/64F (off)

MOTOR

Type:	Brushless DC
Voltage:	22.5V
Power:	≤ 50W
Size:	8.6 cm (3.4 in.) diameter
Motor Speed:	78 – 1070 RPM
Quietness:	< 45 dB
Material:	Pure copper, high quality ball bearings.
Intrusion Protection:	IP68 (Waterproof and dust-proof). Animal guard included.