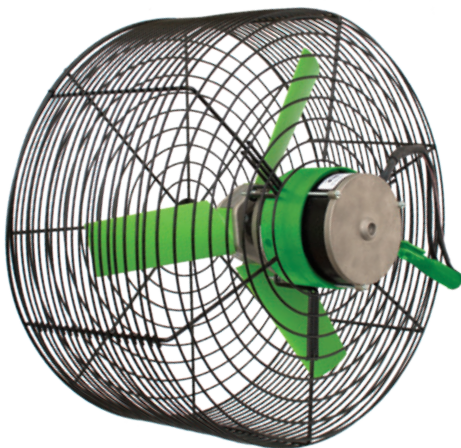
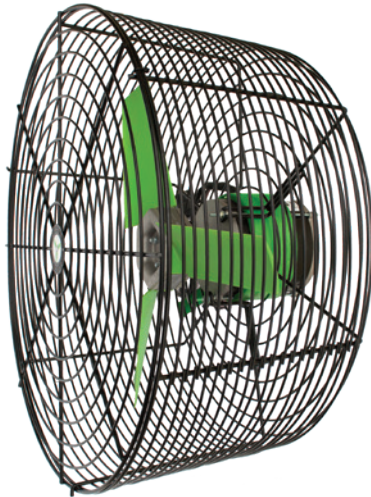
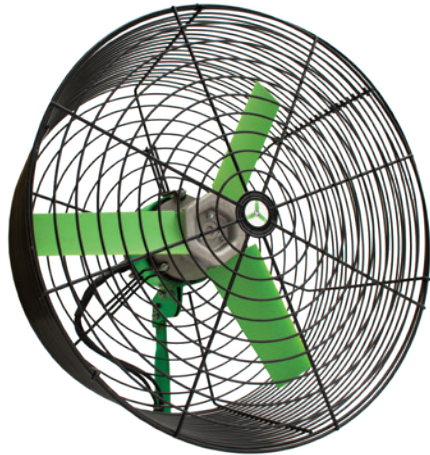


HIGH EFFICIENCY
SOLAR POWERED HORIZONTAL AIRFLOW

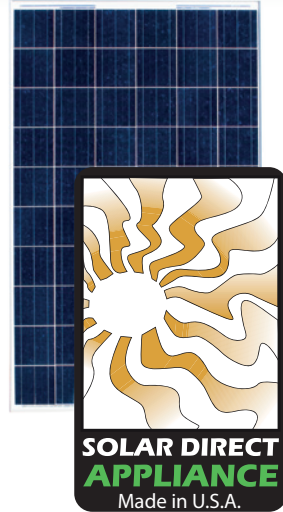


SNAP-FAN 
.COM



SOLAR DIRECT 4370 CFM DC EC20 MAX BRUSHLESS SOLAR FAN

- 4370 thrust CFM tested at BESS.
- 30-70% more efficient than competitor.
- High efficiency industrial grade Brushless Servo Motor. 0-50 VDC.
- Three discrete speed taps for user selected performance.
- Motor made in USA. Water resistant O-ring seals IP54.
- Specifically designed to operate solar direct on a 36, 60 or 72 cellsolar panel.
- Will operate on a 24 VDC battery bank.
- Enable/disable wire to start/stop using low amperage thermostat/switch.
- With hybrid DC converter, this fan can operate on any world voltage allowing for solar input and field adjustable fan speed
- RPM limiting to 1800 RPM regardless of solar voltage.
- Soft start and thermal roll back locked rotor protection are standard features.
- Includes liquid tight conduit 5ft lead wires.
- Low vibration mounting system reduces noise.
- Glass reinforced polypropylene airfoil blade offers high efficiency and expanded air throw profile.
- Adjustable mounting system.
- Efficient deep basket design increases performance.
- Rugged power coated corrosion resistant basket.



SNAP-FAN HORIZONTAL AIRFLOW

EFFICIENCY IN VENTILATION

WWW.SNAP-FAN.COM

EC20 MAX Brushless also available in AC power

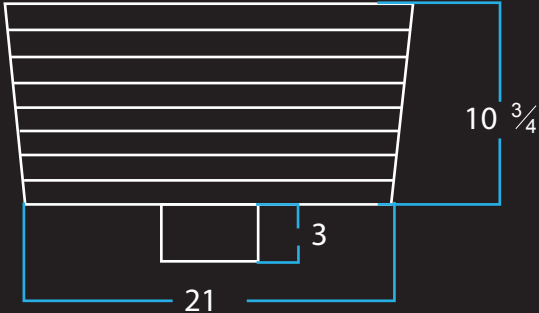
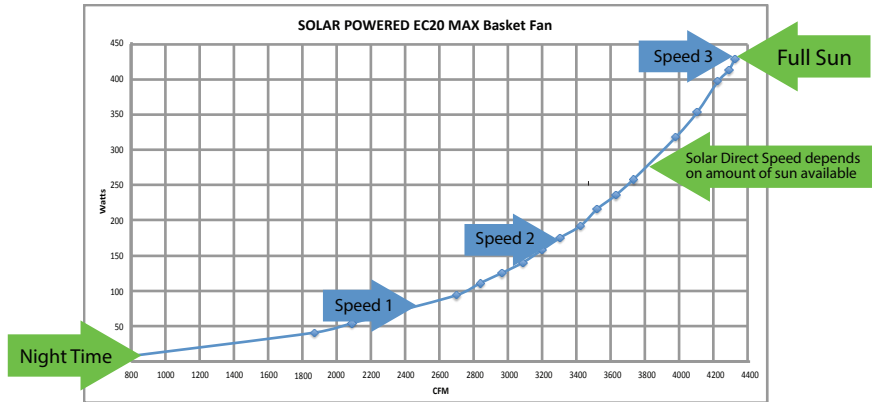


DC EC20 MAX BRUSHLESS SOLAR FAN

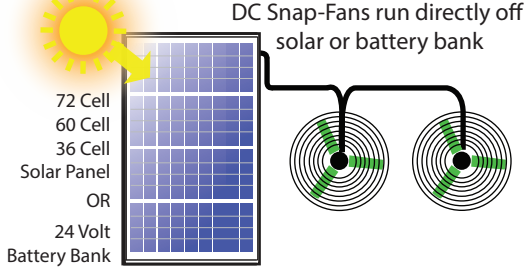
SOLAR DIRECT PERFORMANCE

	AIRFLOW (CFM)	RPM	AMPS	WATTS	CFM/WATT
SPEED 3	4370	1800	12.6	428	10.1
SPEED 2	3922	1600	8.24	280	14.0
SPEED 1	2280	1000	2.06	70	32.6

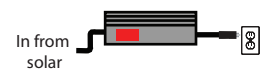
Table reflects operation at 34 volts



SOLAR DIRECT

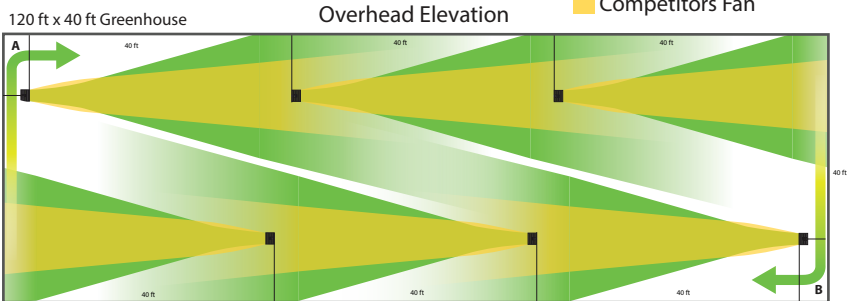


HYBRID OPTION



If you want to run your solar fans at night time and you have any AC power source available, consider using this hybrid option. IP65 100-277 VAC input 36 volt out put, field adjustable output amps and volts to tune to your solar panel.

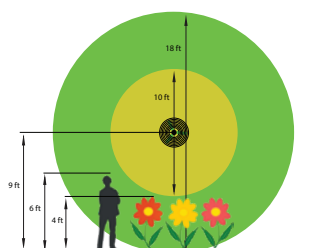
CONE OF AIR MOVEMENT



Turbulent airflow in corners A and B with variable factors depending on greenhouse structure
Test conducted using hand held anemometers for informational purposes at BESS labs C18258 & C18279

Snap-Fans are "tunable" to give your plants the airflow they need and also enable energy savings of up to 70% while maintaining optimum wind speed, if matching competitors fan in real world comparison.

End Elevation at 35 ft from fan



Snap-Fan EC20 MAX can match performance of Schaefer VK20 while using 25% less energy. Snap-Fan 265 watts at 3,870 CFM to VK20 351 watts for 3,870 CFM.

Snap-Fan EC20 MAX exceeds the performance of Schaefer VK20, capable of 13% more thrust CFM. Snap-Fan's EC20 Max can deliver 4,370 CFM compared to VK20 3,870 CFM.

DC Brushless Motor Features

- Patented design
- Uses 40% - 60% less energy than PSC motors
- Cooler operating temperatures
- Longer motor life
- Reduced warranty returns
- Locked rotor, overload, and thermal roll back protection
- Integrated control with sealed construction
- Durable ball bearing construction for long commercial life
- UL & CSA recognized
- Designed and assembled in the USA

**HAND ASSEMBLED IN USA
BY SOLAR NATIONAL AIR PROPULSION, LLC
PATENTED DESIGN**