

Nextek Power Systems

VARI-FAN Indoor DC Ceiling Fans



Features:

- Can be mounted 10" to 48" from ceiling (4" down rod included, custom rods can be made)
- Can be assembled with either 4 or 5 blades
- Body is black, but comes with instructions for easy painting
- Body parts are made from injection molded, glass filled ABS plastic
- Blade arms are cast metal with a polished brass finish
- Blades are laminated with a light faux wood finish on one side and a dark faux wood finish on the other side

The DC Powered Vari-Fan Ceiling Fan is the perfect choice for when AC power is not available. The Vari-Fan can be used in a variety of indoor applications including homes, enclosed porches, greenhouses, warehouses, offices, schools and cabins. Everything you need to assemble and mount a 4- or 5-blade Vari-Fan comes right in the box.



The Vari-Fan is powered by a permanent magnet, TENV (totally enclosed non-ventilated) motor with long life brushes. The Vari-Fan draws 0.5 amps @ 12VDC and 0.78 amps at 24VDC. At 12VDC the 5-blade fan will have approximately 60 rpm moving 1,500 CFM when mounted at least 8 feet above the floor in an open room. At 24VDC the 5-blade fan will have approximately 120 rpm moving 2,700 CFM when mounted at least 8 feet above the floor in an open room.

TECHNICAL SPECIFICATIONS

Vari-Fan

For maximum efficiency use the Nextek Power Systems Speed Control in conjunction with the Vari-Fan DC Powered Ceiling Fans. The Speed Control makes clockwise and counter-clockwise rotation possible.

4 or 5 Blade Vari-Fan

Diam. of blade swing:	42 inches (1.07 m)
Weight of fan:	11 lbs. (4.99 kg)
Shipping weight:	12 lbs. (5.44 kg)
Amps:	0.5 @ 12VDC 0.78 @ 24VDC
RPM:	60 @ 12VDC 120 @ 24VDC
CFM:	1,500 @ 12VDC 2,700 @ 24VDC



SPEED CONTROL:

This unit provides an adjustable 12 to 30 VDC from an input of 11 to 24VDC. It has a voltage control POT with an On\Off switch to change the fans' direction. It is overload protected by input and output self resetting fuses. This unit will fit in a single gang electrical box.

12.6 WATT SOLAR PANEL:

These panels are glass laminated with aluminum frames with junction boxes on the back.

Peak power (watts) 12.6

Peak power (volts) 21.65

Peak power (amps) 0.66

Nominal voltage 18

Length: 17.4 inches (43.5cm)

Width: 11.4 inches (28.5cm)

Weight: 5 lbs. (2.2kg)

Shipping weight: 7 lbs. (3.2kg)

