

Technical information

The Vari-Fan and Vari-Cyclone are powered by a permanent magnet, TENV motor, with long life brushes.

The Vari-Fan and Vari-Cyclone draws 0.4 amp @ 12vdc, and 0.78 amp @ 24vdc.

At 12 vdc the 5 blade, 42 inch Vari-Fan will have approx. 60 rpm, moving 1500 CFM. when mounted at least 8 ft. above the floor in an open room.

At 24 vdc the 5 blade Vari-Fan will have approx. 120 rpm, moving 2700 CFM. when mounted at least 8 ft. above the floor in an open room.

At 12 vdc the 3 blade, 60 inch Vari-Cyclone will have approx. 60 rpm, moving 2500 CFM. When mounted at least 8 ft. above the floor in an open room.

At 24 vdc the 3 blade Vari-Cyclone will have approx. 120 rpm, moving 3400 CFM. When mounted at least 8 ft. above the floor in an open room.

(Test have shown that while the 4 blade Vari-Cyclone produces more air flow then the 3 blade model, the 3 blade Vari-Cyclone produces more cfm/watt then the 4 blade Vari-Cyclone.)

In a close mount installation both the Vari-Fan and the Vari-Cyclone blades are approx. 10 inches from the ceiling, when mounted with the accompanying down rod the Vari-Fan blades are aprox. 14 inches from the ceiling. The Vari-Cyclone blades will be approx. 24 inches from the ceiling.

The Vari-Fan and Vari-Cyclone come with the complete hardware to mount the fans close to the ceiling or on a down rod. The Vari-Fan comes with 5 blades but the customer can install it with four or five blades, it is drilled and tapped to take both configurations.

The Vari-Cyclone must be ordered with either 3 or 4 blades.

With the Vari-Fan the main body parts come in black only, but the fan is very easy to paint and comes with instructions on how to paint it.

The Vari-Cyclone is available in painted (all white) or unpainted (all main body parts are black, the blades and arms are white).

The Vari-Fan and Vari-Cyclone main body parts are made from injection molded, glass filled ABS plastic.

The Vari-Fan blade arms are cast metal with a shiny brass plated finish.

The Vari-Fan blades are wood with a light oak finish on one side, and a dark oak finish on the other.

The Vari-Cyclone blade arms are stamped steel with a baked on white enamel finish.

The Vari-Cyclone blades are injection molded white ABS plastic.