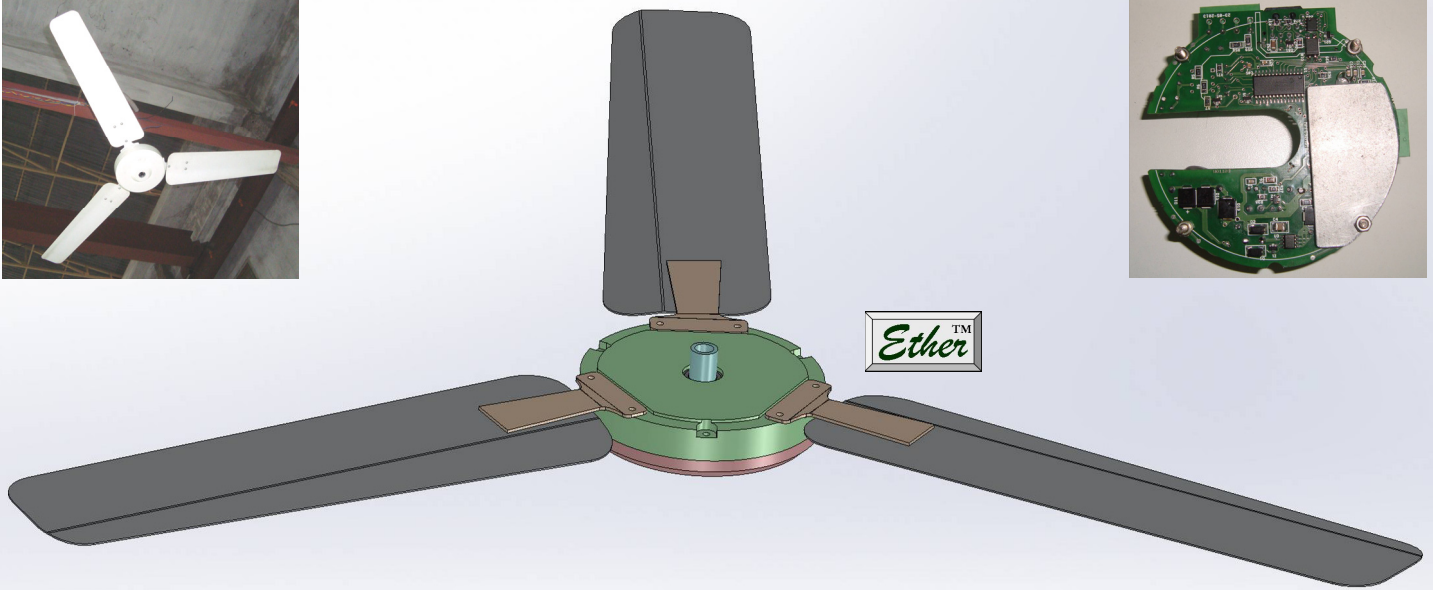
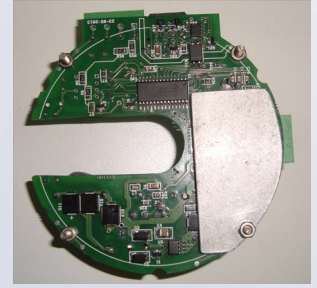


BLDC Motor based Ceiling Fan



Motor & Control Features:

- DSP based control for precision control & power saving
- Control is integrated into the Motor Body
- High efficiency
- Save significant energy compare to conventional Induction motor based fan
- Save much more energy at lower speeds
- Catch on the fly in case of power failure, restart during running
- Power factor (PF) above 90%
- Speed control from Infrared Remote or dedicated 2 Unit regulator (Patent pending) or SSR regulator (1 Unit) to control 1 Fan and 2 Lights from IR Remote



Specifications:

Fan Type	: 3 Blade, Dia. 1200mm
Power consumption	: <33W @ 330 RPM <63W @ 425 RPM
Air Delivery	: >210 CMM @ 330 RPM >280 CMM @ 425 RPM
Speed range	: 120 to 425 RPM
Full Performance Range	: 160 to 270 V AC
Min. Working Voltage	: 130 V AC
Motor Dimensions	: Φ 180mm x 60mm
Control	: DSP based Sensorless
Protections	: Under / Over Voltage, Over Temperature, Over Current

Note: Due to continuous innovation and improvements, specifications & colours are subject to change without any prior notice.

Available in White and Brown Colours. Another model with 4 Blades in both colours also available. Exhaust Fan based on same Technology also available

**More Efficiency,
More Run-time on Inverter**

Fan Features:

- Higher Speed with Low Power consumption
- Superior Air delivery
- Dual Ball Bearing construction
- No effect on speed due to fluctuating voltage

About Protocol Regulator

[Covered by patent application]

- ❖ Dual MOSFET based Regulator is one to one replaceable with current 2 Unit regulators
- ❖ Based on low power microcontroller generating 16 bit pattern based on full or reduced 120 deg conduction angle
- ❖ This technique is much better compared to deleting complete half or full mains cycle

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