

Brushless DC Motor for Extractor Fans

This brushless DC motor is designed for extractor fans and other small fans or ventilators used in domestic settings. It features variable speed control, quiet operation, and a long operational lifespan.



ADDITIONAL IMAGES



Product Overview

High-Efficiency BLDC Motor Solution

This brushless DC motor is engineered for extractor fans and small ventilation systems, offering a perfect balance of quiet operation and long-lasting durability. Designed with a compact external rotor architecture, it integrates seamlessly into domestic and commercial HVAC applications. With support for variable speed control via 0-10VDC or PWM, this motor provides precise airflow management while maintaining high energy efficiency.

Key Features

Electronic Protections

- Over-current protection
- Over-load protection
- Inverse power connection protection

Core Features

Three-phase BLDC, External rotor, Variable speed control, Compact design, Low noise operation

Technical Specifications

Performance Metrics

55 %

Efficiency

3500 RPM

Max Rated Speed

0.042 Nm

Max Rated Torque

Model Specifications

Model	Voltage	Output	Rated Speed	Torque
ECT00050NA023000205	12VDC	2	2300	0.008
ECT00050NA023000206	24VDC	2	2300	0.008
ECT00050NA023000305	12VDC	3	2300	0.012
ECT00050NA023000306	24VDC	3	2300	0.012
ECT00050NA035001506	24VDC	15	3500	0.042

Control & Connectivity

Speed Control Interfaces

0-10VDC • PWM