

ECM50 Series Electric Motor for Fans

This ECM50 series motor is designed for extractor fans and small ventilators in residential settings. It features variable speed control, quiet operation, and a long operational lifespan.



ADDITIONAL IMAGES



Overview

ECM50 Series Efficiency Motors

The ECM50 series is a high-efficiency brushless DC (BLDC) motor engineered specifically for extractor fans and small ventilation applications. It features a compact external rotor design that ensures quiet operation and a long service life. Designed for reliability, the unit includes comprehensive electronic protection against over-current, over-load, and inverse power connection issues.

Technical Specifications

Input Voltage	110VAC/220VAC
Rated Output	3 W
Rated Speed	2500 RPM
Variable Speed Range	0-3000 RPM
Rated Torque	0.01 Nm
Efficiency	50 %

Features

Speed Control

- High speed mode
- Low speed mode
- Variable speed control (0-3000 RPM)

Electronic Protections

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

Motor Technology

Three-phase, BLDC, External Rotor

Key Metrics

Performance Highlights

2500 RPM

Rated Speed

3 W

Rated Output

50 %

Efficiency