

Electronically Commutated Motor 5-38W

This Electronically Commutated Motor (ECM) features a special wide temperature range lubrication system. Mounting hardware and a water shield are included.



ADDITIONAL IMAGES



Overview

High-Efficiency ECM Motors

These electronically commutated (ECM) motors are designed for energy-efficient operation in refrigeration applications, such as evaporators and condensers. Featuring a fully enclosed or external electronic control, they serve as a direct, high-performance replacement for traditional shaded pole and PSC induction motors. With an efficiency rate of up to 70%, compared to just 20% for shaded pole alternatives, these motors provide significant energy savings.

Technical Specifications

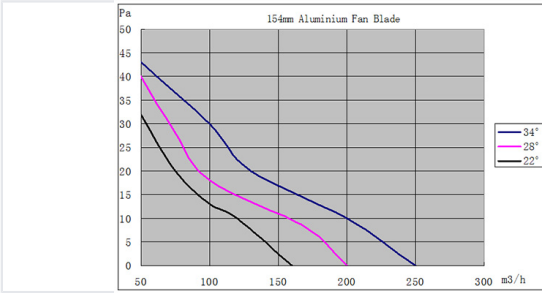
Model	ECM08A110
Voltage	110 V
Frequency	50/60 Hz
Rated Current	0.2 A
Operating Speed	1550 rpm
Input/Output Power	9/6 W

Features

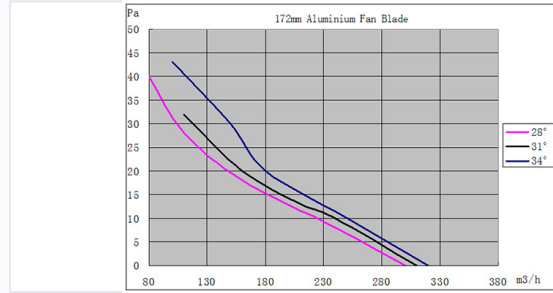
Key Features

Energy Saving • Water Shield Included • Mounting Hardware Included • Wide Temperature Range Lubrication

Performance Data



Performance curves for 154mm fan blades at 22°, 28°, and 34° angles.



Performance curves for 172mm fan blades at 28°, 31°, and 34° angles.

Airflow Performance (1550 rpm)

Impeller Diameter (mm)	Blade Angle (°)	Input (W)
154	22	4
154	28	4.8
154	34	6.8
172	28	8