

# Air Conditioner Electric Motor

Electric motor designed for air conditioning units. It provides optimized performance and reliable operation for efficient cooling.



## ADDITIONAL IMAGES



## Product Overview

### Versatile Air Conditioning Motors

These high-performance electric motors are engineered for both indoor and outdoor air conditioning units, including wall-mounted, floor-standing, and air duct systems. Designed with a compact structure, they offer reliable performance, low noise, and minimal vibration during operation. The units feature built-in safety mechanisms such as temperature and overcurrent protection, ensuring efficiency and longevity in various climate control applications.

## General Features

### Safety Features

Temperature Protection • Overcurrent Protection

### Motor Categories

AC Motor, DC Motor, Plastic Seal, Iron Shell

## Performance Data (Asynchronous PG)

### Asynchronous Motor Specifications

Model	Input (W)	Output (W)	Current (A)	Speed (r/min)	Noise (dB)
IDU-9K	15	37	0.17	1330	32
IDU-12K	20	47	0.22	1330	38
IUD-18K	25	59	0.28	1330	38
IDU-24K	50	95	0.46	1330	45

## Performance Data (BLDC)

### Brushless DC Motor Specifications

Model	Power (W)	Torque (N.m)	Speed (r/min)
IDU-9K/12K	15	0.11	1400
IDU-18K	30	0.229	1400
IDU-24K	50	0.367	1400

Insulation Class

B/E