



YSK139-350-4 350W  
Dual Shaft China Fan..

YSK139-300-4 300W  
Dual Shaft Air Cooler..

YSK95-80-4 80W  
Double Shaft Fan Coil..

Cooling HVAC Parts  
YDK40 Swamp Coole..

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## Cooler Fan Motor Quality Control - Low Temperature Rise

Changzhou Changpeng Motor Co., Ltd is committed to putting quality into action in all **cooler fan motor** manufacturing processes, from raw material procurement to manufacturing to finished **swamp fan motor** delivery.

To meet the needs and expectations of customers, employees and suppliers, CPMDJ, as a leading **air cooler motor manufacturer and supplier** in the **cooler motor** industry, has developed and implemented a structured and efficient quality management system.

One of the key pillars of the quality policy is consistently meeting customer requirements and ensuring that all **evaporative cooler motors** on the market are safe for their intended use. High quality and reliable raw materials for the final **swamp cooler motor** are essential to CPMDJ. This solved a problem many customers had with rising temperatures and causing the **cooler motor** to stop.



### Inspection

Changzhou Changpeng Motor Co., Ltd has strict quality control procedures for inspecting quality and control parameter, at each manufacturing level of each **cooler fan motor**, to ensure defect-free **air cooler motors** and achieve a high level of customer satisfaction.

[Contact Our Support Team](#)

## Air Cooler Fan Motor For Sale

[Air Cooler Motor Data Sheets](#)

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| Model          | Voltage(V) | Frequency(Hz) | Output(W) | Speed(RPM) | Capacitor(μF) | Rotation | Insulation Class |
|----------------|------------|---------------|-----------|------------|---------------|----------|------------------|
| YDK139-150-6   | 208-230    | 50/60         | 150       | 930        | 10            | CW-SE    | B                |
| YDK140-150-6T5 | 220-240    | 50            | 1/5HP     | 850/3 SPD  | 10            | CCW      | B                |
| YDK160-185-4A  | 115/127    | 50/60         | 1/4HP     | 1425/1725  | 10            | CW-SE    | B                |
| YDK160-185-4A2 | 220/230    | 50/60         | 1/4HP     | 1425/1725  | 10            | CW-SE    | B                |
| YDK160-245-4A  | 115/127    | 50/60         | 1/3HP     | 1425/1725  | 10            | CW-SE    | B                |
| YDK160-245-4A2 | 220/230    | 50/60         | 1/3HP     | 1425/1725  | 15            | CW-SE    | B                |
| YDK160-375-4A  | 115/127    | 50/60         | 1/2HP     | 1425/1725  | 15            | CW-SE    | B                |
| YDK160-375-4A2 | 220/230    | 50/60         | 1/2HP     | 1425/1725  | 20            | CW-SE    | B                |
| YDK160-550-4A  | 115/127    | 50/60         | 3/4HP     | 1425/1725  | 20            | CW-SE    | B                |
| YDK160-550-4A2 | 220/230    | 50/60         | 3/4HP     | 1425/1725  | 20            | CW-SE    | B                |
| YDK160-735-4A  | 115/127    | 50/60         | 1HP       | 1425/1725  | 30            | CW-SE    | B                |
| YDK160-735-4A2 | 220/230    | 50/60         | 1HP       | 1425/1725  | 30            | CW-SE    | B                |
| YDK120-120-4   | 220/240    | 50/60         | 120       | 1350       | 5             | CW-SE    | B                |
| YDK139-200-4   | 208-230    | 50/60         | 200       | 1180       | 10            | CW-SE    | B                |
| YDK139-350-4   | 208-230    | 50/60         | 350       | 930        | 12            | CW-SE    | B                |
| YSK139-350-4   | 208-230    | 50/60         | 350       | 1200       | 10            | CW-SE    | B                |
| YDK139-100-10  | 208-230    | 50/60         | 100       | 520        | 6             | CW-SE    | B                |
| YDK139-150-4   | 208-230    | 50/60         | 100       | 1100       | 6             | CW-SE    | B                |

[Contact Us Now](#)

## Air Cooler Motor Manufacturing Capabilities



### ✓ Cooler Motor Stator Manufacturing

CPMDJ winds stator coils and builds custom stator assemblies based on clients' design for **swamp cooler motors**, from **1/2 hp cooler motor** to **1 hp swamp cooler motor** even **1 hp, 2 hp evaporative cooler motor**. We apply fully automatic machines to automatically insert both lap and concentric wound coils for single phase or three phase power AC stators, as well as EC stators. We offer stator cores by our own high speed punch. Everyone of our stators is wound, assembled, and tested by an experienced technician.

#### Cooler Fan Motor Stator Capabilities

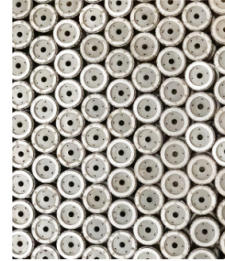
- Stator Core Construction
- Epoxy Bonding
- Welding
- Riveting
- Stator Construction
- Hand Wire Insertion
- Machine Wire Insertion
- Varnishing
- Dip and Bake Varnishing

### 🔗 Cooler Fan Motor Rotor Manufacturing

We manufacture a variety of rotors for different **cooler fan motor** types and sizes, just contact us to learn more about our **air cooler motor** rotor manufacturing capabilities for **swamp cooler motors** or **evaporative cooler motors**.

#### Air Cooler Motor Rotor Manufacturing Capabilities

- AC Rotors
- EC Rotors
- Copper Casting
- Aluminum Casting
- Induction Brazing
- Rotor Assembly
- Rotor Balancing
- Permanent Magnet Rotors for EC motors
- High Quality Rotor Casting Project
- High Quality Rotor Casting Information



### 🔗 Evaporative Cooler Motor Rotor & Shaft Assemblies

Changzhou Changpeng Motor Co., Ltd manufactures a variety of rotor and shaft assemblies and subassemblies for **air cooler motors**, both manufactured in-house and customer supplied. With the finest OD grinding capability and experience, and we can hold  $\pm .0001"$  tolerances by OD Grinder. Please contact CPMDJ today to learn more about our **Cooler Motor Rotor and Shaft Assembly** capabilities.

All assemblies and subassemblies for **swamp cooler motors** are inspected by the Coordinate Measuring Machine (CMM) and other high quality gauging.

#### Cooler Motor Rotor and Shaft Assembly Capabilities

- In House Machine Shop
- CNC
- CNC Mills
- CNC OD Grinding
- Balancing

### 🔗 Air Cooler Fan Motor Assembly and Test

CPMDJ, the leading **air cooler fan motor** manufacturers & suppliers & factory in China, finish **cooler fan motor** assemblies with stator assemblies, rotor assemblies and front cover in own **air cooler motor factory**. Please contact now to learn more about **air cooler fan motor** assembly and test capabilities.

#### Cooler Fan Motor Test in CPMDJ Covers

- noise test stator insulation test
- appearance detection
- motor performance test
- motor integrated test bench
- electronic integrated test bench for winding inserting
- high performance electric motor testing by dynamometer



[Send Us Your Inquiry Today](#)

## Full Custom Cooler Motor Solutions From Air Cooler Motor Factory



### Motor Temperature Rise

If the temperature of our cooler motor is below 90°C, it is not possible to burn out. Air cooler motor temperature rise is the difference between the motor temperature and the ambient temperature after operating a cooler motor at full load. Each swamp cooler motor from CPMDJ is offered with an automatic reset thermal protector which automatically turns on / off the contact depending on the evaporative cooler motor temperature.



### Cooler Fan Motor Noise

Causes of noise in an air cooler fan motor are mainly: magnetic noise, slip noise, skewing, unequal air gap, mechanical noise, loose stator core, bearings, airborne noise, windage noise. As the swamp cooler motor factory, manufacturer and supplier, Changzhou Changpeng Motor Co., Ltd concerns all these facts and designs your swamp air cooler motor to best performance.



### Cooler Motor Model

Being a cooler motor factory, supplier & manufacturer, Changzhou Changpeng Motor Co., Ltd also provides OEM service for cooler motors, like air cooler fan motors, swamp cooler motors, evaporative cooler motors and desert cooler motors. Contact your air cooler fan motor manufacturers & suppliers, CPMDJ, for air cooler fan motor price list.



### Swamp Cooler Motor Size

For swamp cooler fan motor, various cooler motor frame sizes are available. Here are some details of cooler fan motor frame sizes. Main sizes of our swamp cooler motor replacement include 42 frame PSC motor, 48 permanent split capacitor cooler motor, 56 frame air cooler motor or say motor dimensions of YDK120, YDK139, YDK140, YDK160...



### Evaporative Cooler Motor Power

In an evaporative cooler fan motor from CPMDJ, the mechanical motor power is typically defined as watts (W) or horsepower (hp) . Power of our air cooler motor mostly ranges from 80w to 1100w, or from 1/16 hp, 1/2 hp, 1 hp cooler motor, 1 hp, 3-speed swamp cooler motor to 2 hp, 2 speed, 3 speed evaporative cooler motor.

### Air Cooler Motor Pole

The pole here means the number of poles or magnetic poles. The number of poles of the air cooler fan motor and the frequency of the electrical service normally determine rpm of air cooler motor. Poles range of china cooler motor from cooler motor factory, manufacturer are mostly 4 poles, 6 poles, 8 poles, 10 poles and 12 poles.

Start an Order With Us

## Browse Our Product Categories



### Fan Motor

- > Air Cooler Motor
- > Air Conditioner Fan Motor
- > Indoor Fan Motor
- > Outdoor Fan Motor
- > Condenser Fan Motor
- > Fan Coil Motor
- > EC Motor
- > Heat Pump Fan Motor
- > Dehumidifier Fan Motor
- > Heater Motor
- > Korean Food Waste Disposer Motor
- > Air Purifier Motor



### Centrifugal Fan

## Wide Collection of Evaporative Cooler Motors

In order to fulfill varied needs of the clients, we are offering a wide collection of **Cooler Motor**. The specialized professionals design and develop the offered **cooler fan motors** with required features and dimension to make them compatible to their applications. Our clients appreciate the offered **cooler condenser fan motors** for its complete collection of parts used in cooler. With our efficiency and in-depth knowledge, Changpeng Motor Co., Ltd is committed to manufacturing a full range of **air cooler motors** suitable for various coolers, including: **1 hp cooler motor, swamp cooler motor, walk in cooler motor, 1/2 hp cooler motor, walkin cooler fan motor, swamp cooler fan motor, 1 hp swamp cooler motor, 1 hp evaporative cooler motor, best evaporative cooler motor, 3-speed swamp cooler motor, evaporative cooler motor 1/2 hp, swamp cooler motor replacement, 2 speed evaporative cooler motor, 3 speed evaporative cooler motor, walk in cooler condenser fan motor, 2 speed 1 2 hp evaporative cooler motor, 2-speed 1/2 hp evaporative cooler motor, walk-in ( walk in ) cooler condenser fan motor.**

Consult Your Technical Expert

## Cooler Motor Questions & Answers

- + What are the most popular Evaporative Cooler Motors and Swamp Cooler Motors?
- + Which motor is used in cooler?
- + What is an evaporative cooler motor used for?
- + Which is best motor for cooler?

+ Which is best motor for cooler?

+ How much RPM does a cooler motor have?

+ How do I know if my cooler motor is bad?

+ How many watts does a cooler motor use?

+ How long does a cooler motor last?

[Contact Our Support Team](#)

## Not sure where to start? We're here to help!

There's a lot to consider when it comes to ordering **fan motors**. The CPMDJ team is here for you. Let us know what you're looking for, and we'll help you determine which **fan motor** options are best for your application.

[Consult Your Fan Motor Expert](#)

### CPMDJ

Fan Motor Manufacturer



#### Products

- > Air Cooler Motor
- > Air Conditioner Fan Motor
- > Indoor Fan Motor
- > Outdoor Fan Motor
- > Condenser Fan Motor
- > Fan Coil Motor
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- > EC Motor
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- > Air Purifier Motor

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