

# How to clean and maintain common electric fans

Because it is easy to collect dust, you need to regularly clean and maintain electric fans properly to help electric fans work well and prolong their life.

Because it is easy to collect dust, you need to regularly clean and maintain electric fans properly to help electric fans work well and prolong their life. Here's how to clean and maintain some common electric fans that you can do yourself at home.



## How to clean and maintain common electric fans

Conventional electric fans such as table fans, standing fans, wall fans, . have the common feature that when used for a while, they often get dust in the fan cage and fan blades. When there is a lot of dust, the wind power of the fan will decrease, and every time the fan works, dirt may fly with the wind, now you need to clean the fan.

**Here's how to clean and maintain some common electric fans that you can do yourself at home**



Fan parts  
first

### **Remove the front fan cage**

Remove the front fan cage by removing the locks and brackets securing the fan cage. While disassembling, keep in mind how to reassemble.

2

### **Remove the propeller**

Remove the impeller by turning the impeller stopper clockwise and then removing the impeller from the shaft. Note that the impeller stopper and shaft are threaded against the usual bolts and nuts so that the stopper always tends to self-tighten as the propeller rotates.

3

### **Remove the rear fan cage**

Remove the rear fan cage by turning the plastic stopper counterclockwise.

4

### **Clean the fan cage and impeller**

Use a towel to wipe off dirt and dust on the fan blades and cage, if necessary, wash with water and detergent and then dry. Note during the cleaning process, do not let water drip onto the electronic components or the motor inside the fan to avoid causing a fire.

5

### **Maintenance of motor shafts**



Apply lubricating oil or sewing machine oil to the fan's spindle

Before reinstalling the fan parts, turn the motor shaft by hand to see if it rotates smoothly. If the spindle is stiff, the fan will run slow and hot, now put a few drops of lubricant or sewing machine oil on the spindle right where it comes in contact with the bearing - a small brass tube. Double check to make sure the spindle is working properly.

You just put oil on the outside of the bearing and turn on the switch for the fan to run, the oil will be drawn inside the bearing.

6

### **Install the rear fan cage**

Replace the rear fan cage and rotate the plastic stopper clockwise to secure the fan cage.

Note that the fan handle is on the top and there are 2 or 3 small holes to position the fan cage.

7

### **Install propeller**

Mount the propeller to the motor shaft and turn the propeller stopper counterclockwise to secure the propeller.

Please note that the propeller and shaft have anti-rotation joints, you must install this joint correctly.

8

### **Install the front fan cage**

Finally, install the front fan cage, then install the bracket to hold the fan cage and lock it.

When installing the fan cage, you must pay attention to the position of the words, the brand of the fan must be above.

You finished reading the article "**How to clean and maintain common electric fans**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar

articles on tips and guides. Thank you for reading and for following us regularly.

---