

Why do fans in the US and European countries have 4.5 wings while fans in Vietnam only have 3 wings?

Know why your ceiling fan has only 3 wings but ceiling fans in the US or Europe have 4 or 5 wings?

With a large cooling area and saving electricity, ceiling fans are always the first choice in families, hospitals or schools. If we pay attention we can see that the ceiling fans usually have only 3 wings, but in the US or Europe there are 4 to 5 wings. Do you know why the same fan has such a difference. Let's find out in this article.



The structure of the ceiling fan includes:

1. Fan: A running part of a ceiling fan.
2. Screws: To attach the propellers to the fan assembly and attach other accessories to each other.
3. Impeller: Insert into fan assembly to cool.
4. Bottom funnel: To catch oil to avoid fan flow. Only available in 3-wing fan.
5. Upper hopper: To cover all hangers and electrical boxes on the ceiling.
6. Suspension pipe: To mount the ceiling fan on the hook and to attach the accessories.
7. Switch: A jumper (4 - 5-blade fan) or gearbox, potentiometer (3-bladed fan) to turn on or off the fan or adjust the fan speed.
8. Electrical box: Mounted on the ceiling to connect the wire of the fan to the wire in the house.
9. Decoration light: Installed under a fan for lighting (only in 4 - 5 ceiling fans).

Why are ceiling fans in Vietnam only 3 wings?



In Vietnam and Southeast Asian countries use ceiling fans with the main purpose of cooling. 3-blade ceiling fans are usually lighter, and they usually have 5 to 6 speed steps for users to choose, it can spin more strongly and can cool better than 4-blade fans. These fans also consume less power. So this is a good choice for the average economic level of Vietnamese people.

Save space for the house

For rooms with raft areas, ceiling fans are the perfect choice for your family. With 3 propellers designed compact and elegant, you can save space as well as help the room stay cool and airy.

Bring absolute safety



For families with young children, use a ceiling fan, you will not worry that children are stuck in the standing fans. Besides, compared to 4 to 5-point ceiling fans, the 3-blade ceiling fan has a more balanced design.

Therefore, you will not waste time editing the propeller for it to weigh.

Save electricity more than conventional fans

With a ceiling fan, not only will you save space but also save on your electricity bills for your family.

Why do ceiling fans in the US or Europe have 4 or 5 wings?



Unlike Southeast Asian countries, the climate in Europe and the US is often cooler, and the ceiling fans in these countries are the main purpose not to cool, but to support air conditioning. 4-to-5-blade fans often have slower rotational speeds than conventional 3-bladed fans, and these fans have only 3 steps to adjust the fan speed. These fans support air conditioning flow to spread throughout the room, making the room more airy. More wings mean more wind but more energy.

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