

This summer, should a misting fan, steam fan or air conditioner be selected?

To decide to buy misting fans, steam fans or air conditioners, compare these three fans from the feature to the specifications below!

Air-conditioning fans, steam fans and misting fans are all cooling devices that many families care about and choose to buy in hot summer days. However, each fan series has its own advantages and disadvantages that many people feel confused about whether to buy a new fan is the best.

To decide to buy misting fans, steam fans or air conditioners, compare these three fans from the feature to the specifications below!

1. How to use an effective air conditioner fan
2. Notes when using misting fans
3. Air-cooled and air-conditioner are the more economical?

1. Misting fan

The misting fan has a shape similar to a conventional fan, it works based on the evaporation principle of water. When the fan is turned on, the fan will pump water from the water tank to the top of the fan, compressing the water at high pressure through special nozzles designed inside the fan. Then, converting the water into a mist sprayed out, micro-particles quickly spread through the air, evaporating in a matter of seconds, helping to moisten and lower the temperature of the hot, dry air.



2. Air conditioner fan

As a type of steam-cooled fan, the air-conditioning fan radiates steam to reduce the room temperature, negative ion clean air filter brings a cool, clean and clean air source for users' health.

The fan structure consists of a cooling plate, a pump and a specially designed large motor fan system, which draws hot air from the outside environment. When water is pumped, the cooling plate will be responsible for reducing the temperature of the hot air streams, creating cold air to cool the room space used.



3. Steam fan

Steam fans operate according to the principle of pushing moisture into the surrounding environment. Specifically, the inside of the fan has a roller wrapped with a membrane made of special fabric, and water will be absorbed through the membrane and then through the roll up to fan the moisture to the outside environment. It is this moisture that lowers the temperature of the surrounding environment.



3. Compare misting fans, steam fans and air-conditioning fans

As mentioned above, all 3 types of fans provide the ability to cool the air and share some common things such as: Balancing moisture, not drying the skin, creating ion to purify the air, with magnetic control. far away, easy to move thanks to the wheel. And yet, the price and electricity consumption is also about 2-3 times lower than an air conditioner. However, there are still some differences between the 3 types of fans as follows:

Comparison criteria

Steam fan

Misting fan

Air conditioner

Cooling range

Under 12 m²

From 12 - 20 m²

Less than 30 m²

Ability to reduce temperature

From 3 to 5 degrees Celsius

From 3 to 5 degrees Celsius

From 4 to 10 degrees Celsius

Affects electronics

May affect (due to moisture)

May affect (due to moisture)

No effect

Price

From 2.5 to 3.2 million

From 2 to 2.7 million

From 2.7 to 5.3 million

Mosquito repellent function

Is not

Yes (applicable to some models)

Is not

Generating bactericidal ozone

Is not

Is not

Have

Moisten the air

Have

Have

Is not

4. So buy misting fans, steam fans or air-conditioning fans?

If your family has open space, rooms with an area of ??about 10 - 12 m² and need to move a lot, you should choose to buy a misting fan.

If your room area is less than 12 m², you should choose to buy a steam fan to provide a cool and comfortable space.

If the family has a large room area, less than 30m², especially if you want to have a cleaner atmosphere, the type of air-conditioning fan is capable of creating ozone, creating ions will be a good choice in this case.

In short, depending on your family's needs and your financial ability, you should buy a steam fan, a misting fan or an air conditioner to get the most optimal product for your family. Wish you could choose the kind of fan you would like to "survive" through this hot summer!

See more:

1. Unexpected impact when using fans in the hot season
2. Proper maintenance and cleaning of tree fans
3. How to make super simple mini fan radiator fan
4. [Advice] Which fan should you buy?

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