

# Air-cooled and air-conditioner are the more economical?

Are air-cooled and conventional air conditioners different? And choose which ones to buy the best heat for your family on the upcoming hot days.

In recent days, Hanoi as well as some Northern provinces and North West provinces have to face the most hot and sunny days in the past 40 years, the heat in Hanoi has places up to 41 degrees C. Weather sultry, uncomfortable makes the need to use cooling devices increasingly increasing to help dispel the heat. Air-cooled and air-conditioned are the two devices that get the most "sight". So are steam coolers and conventional air conditioners different? And choose which ones to buy the best heat for your family on the upcoming hot days.

## 1. About the cost of these two products in the market

1. **Coolers** : Price ranges from 3,000,000 to 7,000,000 VND, it can be seen as much lower than air conditioner.
2. **Air conditioning** : Installation costs are higher than cooling fans. It can be seen, to get a stable air conditioner, we need to spend 6,000,000 VND or more to be able to use it for a long time.



## 2. Installation, impact after installation

1. **Coolers** : Simple installation, can be placed in any position, just plug the power outlet to be used immediately. The machine is designed with 4 wheels below to help users move flexibly, can be directly on the fan or remote control.
2. **Air conditioner** : Heavy, difficult to install, and usually fixed in one place on the wall. Costly installation costs, require skilled workers, skilled to chisel walls, pull wires, thread copper pipes .

### 3. Power consumption, operation fee

1. **Coolers** : ~ 90% lower than air conditioner 80 W / 1h.
2. **Air conditioner** : Very high: continuous 770 W / 1h 2h ~ 1.5 Electric numbers.

### 4. Cooling temperature (The ambient temperature is most suitable for the body to exchange heat from 27 to 28 degrees C).



1. **Coolers** : Cool up to  $26.5 \pm 2$  degrees Celsius suitable for summer, coolers keep in natural wind environment, so do not cause sudden warming for users when going out or entering due to air be exchanged.
2. **Conditioning** : It is possible to cool between 16 and 30 degrees C when using air conditioners, we will turn 27 degrees C as appropriate. With a strong cooling level, users can be easily dizzy, dizzy, even cold before changing the temperature of the room and outside when inside or outside or vice versa.

### 5. Cooling mode

1. **Coolers** : Operating according to the principle of multidirectional steam cooling, air purification helps the air in the room become fresher, more fresh and friendly to health and living environment. Coolers can operate in open spaces.
2. **Conditioning** : Operating by Gas, CFC is very toxic to health and environment. Besides, once a year we need to recharge the air conditioner. Each time, it is necessary to call the mechanic to take Gas to waste

time and costly.



## 6. Air humidity

1. **Coolers** : As mentioned above, coolers use the principle of water-cooling, so it will help your room to be balanced with moisture, without worrying about dryness and health. However steam will affect electronic devices in the home.
2. **Air conditioner** : In contrast, for those who sit in the air-conditioned room, it is easy to get dry skin, sore throat, especially for the elderly and young children, easily affecting health.

## 7. Maintenance costs

1. **Coolers** : Maintenance costs with this device are very cheap, you can clean yourself at home. Add more water when the machine goes off.
2. **Article a**: Maintenance costs for air conditioners are quite expensive, each time you repair, you have to pay a very high fee for workers, ranging from 300,000 VND / time, adding gas when gas pressure is attenuated.

## 8. Place of use

1. **Coolers** : Can use almost any indoor space (indoor and outdoor, living room, bedroom, office, restaurant, cafe, company .).
2. **Air-conditioner** : Can only be used in enclosed, windless rooms to cool and save electricity.



## 9. Air convection

1. **Coolers** : Circulating air and good convection, opening doors to increase circulation, convection of cooled air.
2. **Air conditioner**: Air in the air because the room is not supplied with fresh air, air conditioning is usually not supplied with fresh air.

## 10. Impact on the environment

1. **Coolers** : Humidifiers, ionizers, bacteria filters, . are the main functions of coolers, so it is very healthy and healthy for all ages.
2. **Air conditioner** : Causing a greenhouse effect. With cafes, bars, . often there will be customers who smoke and it is easy to smell smell, causing discomfort to the people in the room.

To help you get more advice on buying fans, coolers, you can refer to META.vn booth to choose for your family the most suitable cooler!

### See more :

1. Structure and operating principle of air-conditioning fan
2. [Advice] Which fan should you buy?
3. Evaluate quality and price of air conditioner Casper

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