

# What is the best way to buy air conditioner using gas?

Air conditioner usually uses 3 main types of gas: R22, R410A and R32. Each type of gas conditioner will have its own advantages. Let's find out to know which air conditioner to choose which is best.

On the specifications of the air conditioner we often see the type of gas used are R22, R410A and R32. So what kind of air conditioner should this type be the best and safest to support quick cooling air conditioner ?.

## Common types of gas used on air conditioners (air conditioners)

### 1. Gas R22

R22 gas is the first type of gas to be used on air conditioners. This gas has the advantage of being non-flammable, non-toxic to health and easy to pump more gas into when it needs maintenance.

In addition, R22 gas has another advantage: low cost, which is very cost-effective for users, so it is used more commonly.

However, R22 gas also has the disadvantage that it will suffocate if the concentration of gas in the air is too high and can damage the ozone layer, so it is only recommended to use until 2040.

### 2. Gas R410A

To minimize the greenhouse effect to protect the environment, manufacturers have invented the R410A gas line to replace R22 gas.

Compared to R22 gas, R410A gas has the following advantages:

1. Cooling capacity is 1.6 times faster than R22 gas.
2. Air conditioners use R410A gas for deeper cold, more energy saving.
3. R410A Gas does not cause ozone layer perforation to protect the environment better.



However, R410A gas still has some disadvantages such as:

1. R410A has higher volatility and when the environment is at low level, it will cause lack of oxygen. If used in a non-ventilated room, it is very dangerous to have a gas leak.
2. Air conditioners using R410A gas when needing gas pump will be more expensive and difficult to maintain. When pumping R410A gas, excess gas must be removed completely to pump new gas, wasting gas. R22 gas can be pumped in without removing the old gas.
3. In addition, when R410A gas pump needs to use many specialized equipment.
4. Air conditioner using R410A gas has a higher cost than R22 gas conditioner

### 3. Gas R32

R32 Gas is the latest gas line developed to replace R22 gas and R410A gas. This is the most commonly used gas because it integrates the following outstanding advantages:

**Power saving:** R32 Gas for very fast cooling time saves optimum power.



**Safety:** R32 Gas has much lower emissions than R410A gas to reduce emissions to the environment, thus causing no greenhouse effect, meeting environmental protection requirements.

**Easy to pump gas:** Although R32 gas has a different chemical composition than R410A gas but they have the same pressure, they can be used with installation equipment, only need to replace gas charging meter and gas charging line.

## **What is the best way to buy air conditioner using gas?**

Through the evaluation of the advantages and disadvantages of each type of gas, the choice of air conditioner uses R32 gas, R410A gas is the best. Air conditioners using R32, R410A gas will save more electricity, cool faster, quieter operation and less emissions to the environment.

## **Buy air conditioner where good price, quality?**

In addition to choosing air conditioners for gas R32, R410A, you also need to buy air conditioners of reputable brands such as Panasonic air conditioner, Sharp air conditioner, Daikin air conditioner, Electrolux conditioner, Toshiba air conditioner .

To buy genuine air conditioning, you can refer to the product on META.vn.

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If you need advice to choose to buy air conditioner, please contact META at number:

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