

# How much is air conditioning air conditioning?

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When air conditioning is found out, most users only know to call a gas conditioner to regulate, not knowing how much air conditioner is enough for the machine to operate at the right capacity. If you do not know how much gas you need to recharge the air conditioner, it is very easy for the air conditioner to 'cut down'. In fact there have been many such cases occurred, so if you do not want to fall into this situation, please read the following article to understand the amount of gas to be loaded just enough for each cooling capacity of the thing. peace.

1. How to avoid being tricked into charging air conditioning
2. Air conditioner with gas leak is dangerous, how to handle it?
3. Where to regulate water leakage in the cold?

## 1. Air conditioner unit

You often hear about the Psi gas unit, but what is Psi, how is it calculated, not everyone of us knows. In fact, just like atm (atmosphere) Psi is a unit of pressure.

1 atmosphere = 101,325 kPa = 1,01325 baar ? 14.696 Psi.

## 2. Gas pump price for air conditioner

If you are in need of replacing new gas or gas pump, refilling the air conditioner, please refer to the price below to avoid "losing money unfairly". As follows:

### Adding gas to the air conditioner:

1. Gas type R22 (Indian gas): Charge 1 PSI of 7,000 VND.
2. Type R410A gas (American gas): Charge 1 PSI of 12,000 VND.

### Replace new gas for air conditioner:

1. Gas type R22 (Indian gas): 1 HP machine is VND 300,000.
2. Type of gas R410A (American gas): 1 HP machine is 650,000 VND.



### 3. How to calculate the unit price of air conditioner according to Psi

Air conditioners are compressed in high pressure containers, air conditioners with capacities ranging from 9000 to 18000 BTU, gas pressure ranges from **75 to 80 PSI** (nearly ~ 5.5 times atmospheric pressure). Refilling the air conditioner is the supply of enough gas according to the design pressure. Normally, air conditioners will check the gas pressure in the container to see if there is any gas loss, then they will report it and advise you to decide whether it is necessary to recharge the air conditioner.



And in order for you to understand how to calculate the Psi charge rate, we will take an example to illustrate so you can more easily visualize. For example, air conditioner 9000 BTU is less cold, has a gas pressure design of 75 Psi, when the gas loader regulates the current gas pressure test, only 70 Psi is available. Thus, concluding that this air conditioner is not cold due to the loss of gas, you may not need to recharge the gas. However, if you still want to add more gas to better the life of the machine, you can load 8 more Psi gas. At this time, based on the price of gas pump for air conditioning above, you can calculate the cost yourself.

**Note:** After the refill is complete, you should check the gas pressure in the watch tank to see if it has reached the design pressure of the air conditioner.

## 4. So, how much is a gas conditioner loaded?

In general, the amount of gas to be charged for air conditioner is more or less dependent on cooling capacity, air conditioner (usually Inverter), gas type to be charged (gas 22, 32, 410A, .), . Therefore, It is difficult to give a specific number so that you can quantify the amount of gas you add to the machine and to know how much air conditioning is enough. However, you can estimate the amount of gas you need to load as specified on the air conditioner. By reading the specifications printed on the air conditioner and the specific number on the gas meter, you will know how much gas your home air conditioner needs to recharge.

Ideally, you should contact a reputable, professional gas charging center to avoid the condition of a cheating air conditioner, the lack of gas supply and the air conditioner operating in the wrong specifications, reducing the service life. .

See more:

1. Fix the air conditioner error running automatically
2. Do air conditioners need to change copper pipes?
3. What is the error of the air conditioner flashing continuously?

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