

Compare to decide whether to buy inverter air conditioner or conventional air conditioner

What is the difference between air-conditioner inverter and conventional air conditioner? If you're wondering about it, check out this article from [Quantrimang](#) to find the answer.

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I. Differences between inverter regulators and conventional air conditioners

Comparison criteria of Inverter Air-conditioners Air-conditioners How to operate

Compressor uses inverter technology. When the room reaches the set temperature, the compressor will slow down rather than turn off completely.

Therefore, the compressor starts up slower so the initial cooling capacity is not as fast as a conventional air conditioner.

Compressor operates according to the principle of on / off. Due to the use of a thermal relay, when the room temperature reaches the set level, the machine will turn off and until the room temperature rises, the compressor will resume operation. Temperature stability The electromagnetic sensor helps to keep the room temperature stable, the compressor works slowly so the cold air flows out comfortably and gently.

The temperature difference between the setting and the room temperature is only about 0.1 - 1 degree C The compressor runs at full capacity so the cold air flow is strong and harsh. It is easy to cause respiratory diseases for users.

Temperature difference between the setting and the actual temperature of the room from 2-3 degrees C.

Components and usability Use the same manufacturer for both hot and cold.

Complex components, difficult to store, easily damaged in hot, humid environments.

Because high-tech components are used, manufacturers often sell their machines, so it is difficult to find components to replace when damaged.

Lightweight transport, assembly requires higher accuracy than commercial air conditioning. No need to synchronize, can freely use hot and cold lumps of 2 different manufacturers.

Components are easy to store, simple and not complicated as inverter air conditioners.

Easy to find replacement parts when broken.

Easy transport and assembly Usage capacity Requires a suitable room capacity, so that the machine does not operate at a high capacity for a long time, ensuring an optimal life and energy saving efficiency. Air conditioner runs durable at high capacity for a long time. Can cool well the room with larger area than the machine capacity.

Voltage

As the most controlled device by electronic circuit, air conditioner requires high input voltage used for the machine.

Permissible errors for the manufacturer's voltage standards give +/- 5%

Not too picky about voltage. Control air conditioning Many functions so users have to spend time learning.

There are only a few functions, simple shortcuts, so users can easily use them without wasting time learning.

Energy saving Inverter air conditioners save 30% -50% of electricity compared to conventional air conditioners.

Because compressors always have to operate at high capacity, they consume huge power. Cost price Trang has many modern technologies, superior features, and micro-controller, so the price is high. Less technology and features, merely cooling the air, so the price is lower than that of an inverter air conditioner

II. Which air conditioner should I choose?

With the above comparison table you know the differences between inverter air conditioners and air conditioners, right? However, to decide which type of device to choose, it is still a question to answer. There are many criteria to choose from, please refer to a few criteria below.

Criteria for Inverter Air-conditioner Common air-conditioner Function High demand of an air conditioner must include all new features such as: Purifying air, deodorizing, pleasant wind regime . You have no requirement High on air conditioning function. Space Inverter air conditioners operate smoothly, suitable for homes with young children, the elderly, family members, people suffering from trouble sleeping . Living room, meeting room . rarely stay or work. Time to use The air-conditioned room for a long time such as a working room at companies . will save electricity significantly. The space you use air conditioner in a short time such as dining room, book room, bedroom only turn on the machine at noon . Demand You live near the construction site, the place with lots of dust, the investment in a machine Flax inverter with air cleaning function is also a necessity. You stay, or install air-conditioners for containers at the construction site . regularly change accommodation, work, you should choose a normal air-conditioner and save costs, easy to move, limit the damage IC.

Based on the actual needs of yourself, your family to make the most appropriate decision. However, the first determinant is still to choose the reputable and quality air-conditioner purchase address. Refer to the most popular inverter air conditioner today of META.vn. Surely it will be an ideal suggestion for you.

III. Top most popular inverter air conditioners today

1. Inverter air conditioner Daikin FTKC35TVMV - Reference price: VND 12,000,000

Characteristics:

1. 1-way air conditioner Daikin is very suitable for the space of living room, office, small and medium-sized bedrooms, an area of less than 20m² or less, bringing cool airflow for you and the whole family always feel comfortable and most pleasant.
2. It uses air-conditioner R-32 which is environmentally friendly, high-pressure, environmentally friendly, minimizes impact on the ozone layer, saves energy, and enhances deep cooling.
3. You can control air conditioners from anywhere, maintain comfortable space and save energy. The app allows home control or absence from home and a weekly schedule.



Specifications:

1. Warranty 12 months
2. Manufactured in: Thailand
3. Capacity: 1.100W
4. Airflow rate: 680 m³ / h
5. Use area: 20m²

2. 2-way air conditioner Inverter Daikin 12000BTU FTXS35GVMV / RXS35GVMV - Reference price: VND 15,990,000

Characteristics:

1. 2-way air conditioner Daikin is suitable for rooms with an area of 15 - 20m².

2. The machine uses Inverter technology, quickly changes the temperature by flexibly adjusting the power supply frequency of the DC compressor, helping to maximize power saving and ease of use.
3. In addition, the product also has an Econo mode that helps reduce power consumption but still enjoys a comfortable cooling mode.
4. The smart eye of 2-way Daikin FTXS35GVMV / RXS35GVMV regulates you to save your electricity bills monthly by tracking motion. When the detector does not see movement, it will lower the temperature to 2 degrees Celsius, and when you return to the room, it will adjust itself to the original temperature, thereby helping you reduce wasted power. not worth it.



Specifications:

1. Warranty 12 months
2. Manufactured in: Thailand
3. Brand: Japan
4. Scope of use: 15 - 20m²

3. Air conditioner Sharp Inverter 2 HP 18000 BTU AH-X18VEW - Reference price: VND 12,890,000

Characteristics:

1. Machine used for rooms with large area from 20-30m²
2. J-Tech Inverter compressor technology operates smoothly, stably, deep cooling.
3. Powerful Jet technology for instant cold.
4. Gentle Cool Air mode avoids cold air blowing directly on users.
5. Deeper cooling with air conditioner R32 and temperature down to 14 degrees C.
6. 7 protection features enhance the life of the device.



Specifications:

1. Warranty 12 months
2. Manufactured in: Thailand
3. Brand: Japan
4. Capacity: 1.6 kW / h

Wish you soon find a suitable air conditioner!

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