

What is BTU? Choose air conditioner 9000BTU, 12000BTU, 18000BTU or higher?

Here is an explanation of what an BTU air conditioner is and how to choose an air conditioner with BTU that fits your room space.

What is BTU?

BTU is an indicator that every user should be concerned about when buying an air conditioner. Short for **British Thermal Unit** - Translated to **British Thermal Unit** . This is the unit used to describe the heating value of a fuel.

BTU is used to describe the capacity of cooling and heating systems such as air conditioners, fireplaces, ovens and ovens. But most often it is on air conditioning and is interpreted as BTU per hour (BTU / h).



The BTU of the air conditioner will tell you how much heat the air conditioner can remove from the room every hour. An increase in BTU means that power consumption, weight, size and cost of air conditioner will also increase.

Should choose air conditioner 9000BTU, 12000BTU, 18000BTU or higher to suit the room space?

Choosing the right air conditioner is easy if you have the right information. The relevant information is the size of the room, and what that room will be used for. Often the choice of buying air conditioning in Vietnam is mostly used in the bedroom or living room, office, office .



To know exactly how much BTU the air conditioner you need for the room, you can refer to the information table below. This is the BTU of air conditioners corresponding to the room area (square meters), with the default 3m high ceilings and no heat generating equipment in the room.

Room area Recommended BTU Index
?15m² (below 45m³) 9000BTU
15-20m² (under 60m³) 12000BTU
20-30m² (under 80m³) 18000BTU
30-40m² (under 120m³) 24000BTU

If the room size is larger than the area on this table, there will usually be a dedicated air conditioner for them. Usually will be the type of ceiling air conditioner for office or air-conditioning cabinets. Usually for large area offices, cafes, halls .



If you choose an air conditioner with a BTU greater than the room size demand, it is unnecessary and increases the cost of buying an unnecessary air conditioner.

Conversely, if you choose the air conditioner with a capacity smaller than the room area. Your air conditioner will have to operate more continuously, causing more power consumption, affecting electricity.

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