

## Air Conditioning - Cool Your Room Or Office

Summers remind us of the hot, uncomfortable, sticky nights when sleep is ever evading. An air conditioner is the answer to all of this. It ensures that sleep is comfortable and the atmosphere cool. You should know how to decide which is the best option for you and also how to compare so that you get the best deal available.

Remember some other factors before venturing to buy an air conditioner- the number of rooms in your home, the type of weather conditions, if you live as a tenant or you are renting out your place and energy efficiency of the air conditioner itself.

The varieties available

Portable air conditioners- this type of air conditioner is so designed that it can effectively cool one single room which is 400 to 450 square feet size. The size of portable air conditioners also varies. It can be between 5,000 British Thermal Units (BTU) up to 12,000 BTU. They are very convenient to use. The main reason is that it comes with wheels and so can be moved from one room to the next. This type is not very expensive to buy and also does not take too much space in your home. The only difficulty in this type of air conditioner is that it gives out water while cooling the air around. A drip tray has to be provided so that the place around does not get messy. A drain hose can also be used but this will obviously restrict its portability.

Window air conditioners-window air conditioners are quite similar to the portable air conditioners that are available. These also cool the room according to its size and ability. The main difference lies in the fact that this type of air conditioner needs window space singularly for putting it up. It cannot be moved and so it can cool only one room. The direct venting system is an advantage because their operation is more efficient and these also do not need to have a dripping tray.

Central air conditioners-this is obviously a more pricey option. It provides cool air in the entire establishment and is absolutely free of hassles. The thermostat, air temperature and the level of humidity need to be adjusted.

How is comparison done in air conditioners?

The rating of air conditioners is done on the basis of two scales. They are the EER (Energy Efficiency Rating) or SEER (Seasonal Energy Efficiency) rating and BTU (British Thermal Unit).

- The higher the BTU, greater will be the rate of cooling. It is the amount of heat needed to increase the temperature of one pound of water by one degree.
- 12,000 BTUs is equal to one ton. A 60,000 BTU is equal to a five ton cooling unit.
- When the wattage is divided by the BTU it gives the EER. If the EER of the rating is high the air conditioner is efficient and the operation costs will low.

This will effectively guide you to buy an air conditioner and will provide you the comfort of cool nights and comfortable sleep.

Source: <http://www.articlecircle.com>

### About the Author

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