

Oil-free air compressors, oil-filled air compressors: which one to buy?

Compare and evaluate oil-free air compressors and oil-type air compressors to choose the right equipment when it is necessary to increase the gas pressure to operate the drilling machines, dust blowers ...

In this article, TipsMake.com will compare oiled compressors and oil-free air compressors to help you better understand these two models and choose for yourself a suitable product!

Air compressors, also known as inflatable pumps, are available in almost every industry, from packaging, printing, food to textile, construction . This is because the machine is capable of increasing pressure. of gas, creating compressed air at high pressure to operate other machines such as air spray guns to blow dust, water or other machines with rotating parts such as drills, sanders .

Currently there are hundreds of air compressors on the market, but are generally divided into two common types: oil-filled air compressors and oil-free air compressors. Learn a little bit about the differences and characteristics of each category so that you no longer find it difficult to buy this product!

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Distinguish oil-free air compressors and oil-filled air compressors

The difference of these two types of air compressors lies in the composition of the gas generated by the machine. Oil-free air compressors produce 100% clean air, completely free of oil vapor, while oil-containing air compressors produce gas containing a small amount of oil vapor.

Characteristics of oil-free air compressors



1. The device runs quite smoothly, the noise is very small.
2. The compressed air quality is clean, ensuring 100% oil free.
3. Lightweight, convenient to move to different locations.
4. Machines do not require regular oil changes, such as oil-filled air compressors should save maintenance costs and oil change for the machine.
5. The machine does not stop abruptly at high temperatures.
6. Oil-free compressors have a high cost, usually up to 2 times higher than oil-filled air compressors. This is due to the need for the machine's screw material to be specially designed to withstand temperatures up to 200-300 degrees Celsius or higher in the compression chamber because the compressor's chamber is completely No cooling lubricant.

With the above characteristics, oil-free air compressors are commonly used in industries that do not allow compressed air mixed with oil vapor such as food, health . to ensure food safety and hygiene for consumers. use and patient.

Characteristics of oil-filled air compressors



1. In general, the advantages of oil-free air compressors are cheaper and more durable than oil-free air compressors because they have oil in the compressor chamber to cool against the wear and tear of machine parts. .
2. Other features such as noise when operating or clean air of finished products are not as good as oil-free compressors.

Also because the gas generated contains oil vapor, this machine is often used in heavy industries, does not require high cleanliness of the gas such as machine, automobile, mechanical .

Which air compressor should I buy?



According to the characteristics analyzed above, you should consider the specific work environment and price to choose the type of pump suitable for your work.

Except for serving the health and food industries, you must choose an oil-free compressor. In addition, besides the price, you can consider the capacity needed to choose between these two products.

There are also many cheap air compressor products that do not produce oil for you to choose to help ensure your health when using this product. However, these are usually mini-inflatable models, so the capacity and gas flow are relatively low compared to oil-free compressors of the same price range.

You can refer to some of the current best selling oil and non-oil compressors models (all reference prices include VAT).

Oil free air compressor

1. Wing negative oil-free air compressor TW-OF550 - Price 1,650,000 VND
2. Oil free Oshima 9 liter air compressor - Price 1,890,000 VND
3. Oil free air compressor Oshima 24 liters - Price of VND 2,400,000

Air compressor with oil

1. Arwa AW-1518 air compressor (1.5HP, copper wire) - Price 1,750,000 VND
2. Arwa AW-2025 air compressor (2HP, copper wire) - Price 1,850,000 VND
3. Direct air compressor Oshima 24 liters - Price 2,050,000 VND

To buy genuine, guaranteed, good quality, cheap air compressors, you can order online at **META.vn** website or contact **Hanoi** hotline at **024.35.68.69.69** - **TP. HCM 028.38.33.33.66** for advice and support for the fastest purchase.

More reference :

1. Air compressors - Definition and Uses
2. Compressor and information you need to know

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