

## Common problems of air compressor



In our reply, we were asked common questions about air compressors. Troubleshooting questions are answered on another page, with links to other popular air compressor related pages on the right.

### Frequently asked questions and answers of air compressor

#### question maintain

#### answer

"How often should we change the oil?"

In rotary screw compressors, the oil is changed approximately every 7000-8000 hours. It depends on the type of compressor you buy. For reciprocating air compressors, the oil is usually changed about every 3 months. For a more accurate time frame, please call the model number to find the recommended schedule for your compressor.

"When should I replace the intake filter?"

If your compressor has an intake filter, it should be cleaned once a week (assuming you use the compressor about 3 days a week). Replace the filter when it begins to produce debris that is difficult to clean, or when you find any tears or

holes in the filter.

Simply put, there is a pressure switch for starting and stopping the air compressor, which can turn on and off the machine. Most small electric and small gas air compressors are started and stopped.

"What's the difference between stop start and continuous operation"?

Running the compressor at a constant speed means that the motor runs continuously and the pump rotates continuously. Many industrial stores that need stable air every day will buy compressors that operate constantly

## **Voltage**

This depends on the size of the compressor. Most homeowner sized small compressors are designed to operate on a single 110V socket. When you use a larger model, many compressors offer a choice between 110 and 460 voltages.

"At what voltage do I operate?"

The compressor should be able to operate under appropriate requirements, but we recommend not to use a compressor with a generator.

"Does my compressor run on the generator?"

The generator has power fluctuation, and since the compressor needs constant voltage to operate, it is usually best not to use the generator if there is no power supply.

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## **water**

"What happens when water stays in my compressor?"

The compressor water tank is made of steel, which means that if there is water in the tank, it will start to rust.

"What happens if there's water in my pipe"?

Depending on the severity, contact your local service center for the best way to eliminate the problem. One place to start is to consider buying an air dryer to help solve the problem. This is usually caused by two problems - condensate collector failure or air compressor dryer failure or too small size. To solve the first problem, you need to clean the collector or simply replace it. The second problem is a bit tricky because you need to repair or replace the air dryer with something bigger (unfortunately, it may be a little expensive).

"I often forget to drain the water in the tank. What can be done automatically?"

yes! You can buy drain valves. Discharge valves are mainly divided into three types, including float drive, electronic drive or timing sequence drive

### **hose**

"What size hose should be used?"

It depends on the type of compressor you have. The two most common sizes are 1 / 4 "and 3 / 8". Check your compressor manual or call us to help find the right size to use.

"What is the maximum hose length that my compressor should use?"

Generally, the larger the compressor, the larger the diameter you can use. Most homeowner compressor manufacturers recommend a 1 / 4 "hose diameter. It also depends on the size of the compressor and CFM required. Maximum hose length is one of the most open issues related to air compressors. For small homeowners, no more than 150 feet is wise. For store or industrial compressors, please contact your local installation provider or call us to help determine your maximum length.

### **other**

"I got a new pressure switch and installed it at the weekend. When I turned it on, it worked well and filled the tank, but once it closed, air began to leak from the back of the unloading valve. It didn't. no matter what the pressure in the tank was, if the pressure switch was turned off

It sounds like the one-way check valve is not good. In fact, it may cause your pressure switch to fail first. This is quite common. The usual reasons are;

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