



Dafeng screw air compressor radiator

What is a radiator used for in a compressor?

Radiators are made of aluminum, which has a rapid heat exchange. They are used in Compressors to cool the mechanism and the heated air. A high level of heat is released in compressors as a result of the friction of compressed air with surfaces in the system. This happens in both the reciprocating compressors and screw compressors.

Which radiator is used in a reciprocating compressor?

Because there is no oil circulating in the system, only air cooling radiators are used in reciprocating compressors. However, in the screw compressor, the oil circulating through the compressor should be cooled. To do so, double-paned radiators are used in screw compressors. Thus air and oil are cooled separately from each other in the Radiator.

Who is Dafeng quanli compressor?

Dafeng Quanli Compressor co., Ltd. is a private enterprise. It specializes in developing, designing and manufacturing, and we have our own import and export rights. "DayLeap" is our company trade mark. We started to export air compressors from 1993.

How to choose a radiator for a compressor?

Material selection is generally aluminium with high thermal conductivity. An effective radiator should efficiently cool the hot air coming out of the compressor and ensure proper operation of the system. Regular maintenance improves performance and efficiency. The correct position of the radiator is also critical; adequate air flow must be ensured.

Why is a screw compressor radiator important?

The correct position of the radiator is also critical; adequate air flow must be ensured. In conclusion, the screw compressor radiator is a critical component for efficient and reliable operation. Proper selection, regular maintenance and proper positioning will extend compressor life while reducing operating costs.

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The screw air compressor is mainly composed of a host (screw rotor), a motor, an intake system, an exhaust system, a cooling system, a lubrication system, and an intelligent control system. ...

Jufeng offers air compressors, including oil-free and oil-injected rotary screw compressor, reciprocating air compressor, etc., suitable for textile industry, metallurgy industry, mining ...

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