

1. Notice for Use

Thank you for buying electric oil charging pumps, pls check if your ordered goods in good shipment condition, with the correct accessories.

This manual gives instructions on the correct installation, It's important that you follow this instructions carefully.

2. Caution

⚠ WARNING

Before carrying out any adjustments or servicing , make sure the installation is disconnected from the power supply .

⚠ WARNING

Don't run this pump without oil .
Don't run in the place with explosion hazard and inflammables

⚠ WARNING

Don't touch the motor and pump after running long-time to prevent to scald the hand.

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3. Product Introduction

3.1 Product Overview

electric oil charging pump is designed according to the feature of compressor oil supplement or change. It's body adopts with integration gear pump.

electric oil charging pump is suitable for all kinds oil, especially for high viscosity oil and low temperature conditions; big flow rate, low noise, convenient carrying with toolbox, safety and reliability with thermal protection.

3.1.1 Scope of use

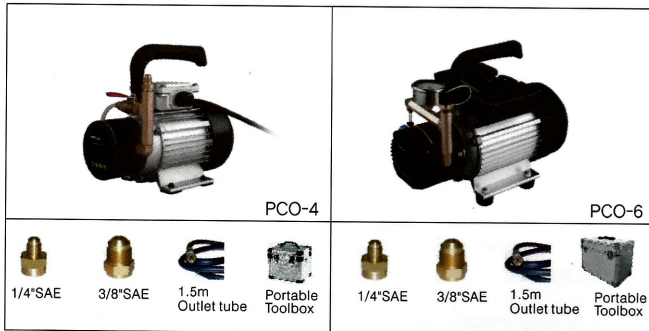
electric oil charging pump is one of the special equipment used for refrigerant oil supplement and replacement of compressor. It can fill all kinds of refrigerant oil.

3.1.2 Technical Data

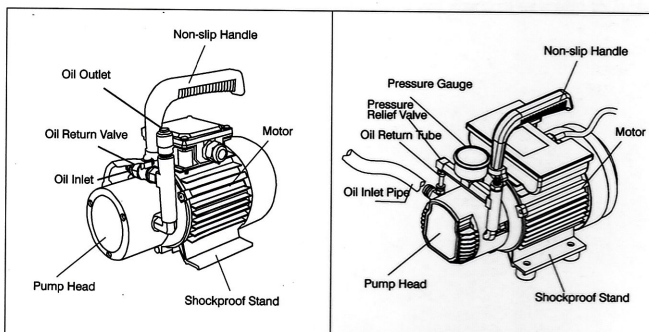
| Model | PCO-4 | PCO-6 |
|------------------------|-----------------------------|---|
| Voltage | 230V~/50-60Hz 115V~/60Hz | 230V~/50Hz 115V~/60Hz |
| Suit for oil viscosity | All kinds oil | All kinds oil (Especially high viscosity oil) |
| Motor | 1/3 HP | 3/4HP |
| Flow rate | 150 L/h | 350L/h |
| Max.Pressure | 1.6MPa(232Psi) | 2.5MPa(362psi) |
| Outlet port | 1/4" & 3/8" SAE | 1/4" & 3/8" SAE |
| Weight | 5.6kgs | 10.4kgs |

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3.1.3 Accessories



3.1.4 Product Indication Chart



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3.2 Operating Instruction

3.2.1 Check Before Operation

(Only qualified service personal should operate this unit , may require the user to be licensed for some countries)

- Working-spot should have good lighting and Atmospheric conditions.
- Make sure the charging refrigerant oil from the oil tank is the same as the type indicated on the nameplate.
- Make sure with the correct voltage as the same as nameplate.

3.2.2 Oil Charging Process

- 1) Clean the inlet and outlet hose to protect the oil mix,connect to the oil pump,then insert the inlet hose to the tank.
- 2) Switch on the pump for suction oil and discharge the air from the inlet hose and pump body,then switch off the pump once make sure no air inside(Judgment Principle: The discharged oil has no foam or obvious air discharge noise, proves that the air has been discharged). Connect the outlet hose to the oil charging valve of compressor.
- 3) Open the oil charging valve , switch on the oil pump to start to charge the oil.
- 4) Running the compressor to review if the oil level . pressure . oil temperature is under normally conditions, and do the adjustment if necessary.
- 5) Remove the oil tank .oil pump and outlet hose if everything is fine, wipe out the rest oil inside hose and pump. Pack them with sealed plastic bag ,then keep the compressor running again.

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