wipcool®

TWÓJ KLUCZ DO KOMFORTU

OPERATING MANUAL · ENGLISH

R6 PRO

Electric oil charging pump

Read this manual before use. Keep it with the unit for its entire service life.



Read the manual
Safety and connection rules before the first start-up.

Service and warranty
Service requests and warranty terms at wipcool.eu.

Documents online
Manual, data sheet and declaration of conformity at wipcool.eu.

4REF sp. z o.o. - authorised Wipcool distributor in Poland

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How to use this manual

Find the chapter you need. The numbers on the right are the pages of this booklet.

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MEANING OF SYMBOLS



Separate collection of WEEE

Do not dispose of used equipment with household waste.



CE marking

Manufacturer's declaration of conformity with EU requirements.



Read the manual

Safety and operating rules before starting work.

Wipcool R6 PRO user manual

The Wipcool R6 PRO Electric Oil Charging Pump is used to top up and replace refrigeration oil in compressors. It has an integrated gear pump.

The user manual is an integral part of the product. Please read this manual carefully and follow all instructions closely.

General information

Wipcool products are designed for professional use by qualified air conditioning and refrigeration engineers. As the manufacturer, Wipcool specifies that our equipment should be operated only by suitably qualified and trained personnel.

- Observe all local safety regulations and general safety standards when using the Wipcool R6 PRO Electric Oil Charging Pump.
- The user manual should be kept near the device so that personnel can access it easily at any time.
- Before use, qualified personnel should read the user manual carefully and understand all the instructions it contains.
- The manufacturer accepts no liability for any damage resulting from improper use, failure to follow the user manual, lack of personnel qualifications or any unauthorised modifications to the device.
- The general terms of sale contained in the sales documents apply.

Symbols and conventions

Signs and markings used on the device and in the manual:

01



Warning - read the text in the box next to the symbol.

02



Hazardous voltage - risk of electric shock.

03



Hot surface - wait for it to cool before touching.

04



Flammable material - fire hazard.

05



Before starting work, read all safety and installation instructions carefully.

06

CE

Indicates that the product meets the health, safety and environmental standards applicable in the European Union.

07



Do not dispose of the pump with household waste.

Safety information

WARNING

Disconnect the power supply to the system being serviced before adjustment or servicing. Also disconnect the pump from the power supply.

WARNING

Do not operate the pump in a potentially explosive atmosphere or near flammable materials.

WARNING
After prolonged operation, the motor and pump may be hot. Do not touch them until they have cooled, as this may cause burns.

WARNING
Do not disconnect the pump or hoses while they are under pressure. Do not exceed the pump's maximum back pressure: 20 bar.

WARNING
Do not run the pump without oil.

Technical specifications

Parameter	Value
Model	R6 PRO
Power supply	230 V~ / 50 Hz
Motor power	approximately 560 W
Maximum back pressure	20 bar
Maximum flow rate	300 l/h
Discharge hose connection	1/4" and 3/8" SAE
Oil type	Refrigeration oil, including high-viscosity oil
Device dimensions (L × W × H)	274 × 157.5 × 174 mm
Device weight	3.5 kg

Device diagram

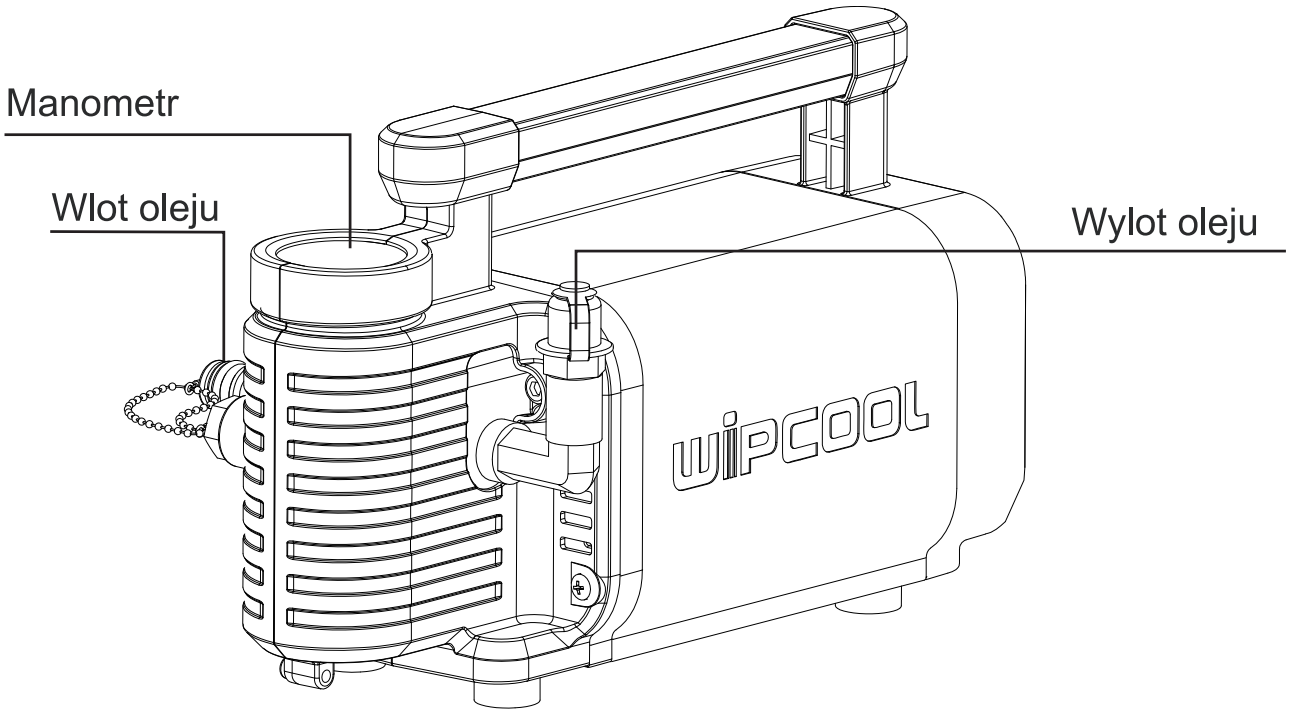


Figure 1. Pressure gauge, oil inlet and oil outlet.

Components shown in Figure 1

Component	Function
Pressure gauge	Indicates the oil discharge pressure.
Oil inlet	Suction hose connection.
Oil outlet	Discharge hose connection.

Other pump components

Component	Function
Power switch	Switches the pump on and off.
Bypass valve	Directs oil through a return line to the oil inlet, reducing pressure at the oil outlet.
Thermal protection	Protects the motor from overheating.
Filter	Traps contaminants in the oil.
Motor fan	Cools the motor.

Contents

- R6 PRO pump.
- 0.8 m suction hose.
- 1.5 m discharge hose.
- 1/4" and 3/8" SAE adapters.
- Tool case.

After unpacking, check that the set is complete and in good condition. Report any missing or damaged items to the seller.

Transport and storage

Before storage, remove any remaining oil from the hoses and pump, then pack them in a sealed plastic bag.

Connection

01 Check that the type of oil in the container matches the type required for the compressor.

02 Check the supply voltage and frequency against the pump's rating plate.

03 Clean the suction and discharge hoses to prevent oils from mixing. Connect the suction hose to the oil inlet and the discharge hose to the pump's oil outlet.

04 Immerse the end of the suction hose in the oil container.

05 With the pump switched off, connect the power supply.

Instructions for use

Bleeding the pump

01 Place the free end of the discharge hose in a clean container to collect the oil.

02 Switch on the pump using the power switch to draw in oil and remove air from the suction hose and pump housing.

03 When the oil flowing out stops foaming and there is no distinct sound of escaping air, switch off the pump.

Pumping oil into the compressor

01 After bleeding the pump and filling the discharge hose with oil, connect the hose to the closed compressor service valve.

02 Switch on the pump, then open the service valve.

03 After pumping in the oil, close the service valve, then switch off the pump.

04 Disconnect the discharge hose from the service valve.

Maintenance

Use clean refrigeration oil. Check the condition of oil before using it again after a long period of storage.

Troubleshooting

Problem	Possible cause	Solution
Pump does not start	No power supply	Check the power supply and power switch.
Pump does not start	Incorrect voltage	Check that the supply voltage is within ±5% of the rated voltage on the pump's rating plate.
Pump does not start	Ambient temperature too low	Move the pump to a warmer location.
Pump does not start	Pump blocked by contaminants	Arrange for repair by the service team - submit a request at wipcool.pl/serwis.
Flow rate is too low or the pump does not deliver oil	Blocked suction hose	Clean the suction hose.
Flow rate is too low or the pump does not deliver oil	Blocked filter	Arrange for repair by the service team - submit a request at wipcool.pl/serwis.
Flow rate is too low or the pump does not deliver oil	Air in the pump or suction hose	Bleed the pump as described in the ‘Instructions for use’ section.
Flow rate is too low or the pump does not deliver oil	Blocked discharge hose	Clear the discharge hose.
Flow rate is too low or the pump does not deliver oil	Oil level too low	Check that the end of the suction hose is below the oil surface.

Problem	Possible cause	Solution
Flow rate is too low or the pump does not deliver oil	Pump has been stored for a long time	Pour a small amount of oil into the pump through its oil inlet.
Pump is noisy	Oil level too low	Check that the end of the suction hose is below the oil surface.
Pump is noisy	Contaminants inside the pump	Arrange for repair by the service team - submit a request at wipcool.pl/serwis.
Pump is noisy	Air in the pump or suction hose	Bleed the pump as described in the ‘Instructions for use’ section.
Pump is noisy	Pump housing damaged	Arrange for repair by the service team - submit a request at wipcool.pl/serwis.
Pump temperature is too high	Operating pressure exceeds the pump's maximum pressure	Check the system requirements and select a pump for the required pressure.
Pump temperature is too high	Insufficient fan cooling	Check that the motor fan is running.
Pump temperature is too high	Ambient temperature too high	Move the pump to a cooler location.
Pump temperature is too high	Poor ventilation	Place the pump in a location with better airflow.

Waste electrical and electronic equipment

01



The crossed-out bin symbol means that the end-of-life device must not be disposed of with other waste.

Under applicable regulations on waste electrical and electronic equipment, products marked with the separate collection symbol must not be disposed of with other municipal waste. Because they contain harmful substances, electronic products that are not sorted separately may be hazardous to the environment and human health. Proper separate collection of waste electrical and electronic equipment prevents adverse effects on the environment.

By handing over waste equipment to a collection point, the user contributes to its reuse, recycling and recovery.

Recycling - a method of protecting the environment. The process of recovering substances from waste that can be reused as raw materials.

Waste recovery - the use of waste that has lost its useful value, such as plastics, paper and cardboard, as secondary raw materials; colloquially, the term can also mean its destruction.

Information on the collection system for waste electrical and electronic equipment

- Waste electrical and electronic equipment must not be disposed of with other waste.
- The collection of incomplete electrical and electronic equipment and parts from waste equipment is prohibited.
- A distributor delivering equipment intended for households to a purchaser must collect waste equipment from households free of charge at the place of delivery, provided that the waste equipment is of the same type and performs the same function as the equipment delivered.
- The user may hand over waste equipment to a waste equipment collector, a treatment facility or a municipal waste collector in the municipality.
- Information on collection points is available on the BIP websites of regional, city and municipal offices.

Service and documents

Before submitting a service request, prepare:

- Model - found on the device's rating plate and on the invoice.
- Serial number - if there is none, provide the production number (e.g. 11/2025), usually found on the underside of the device.
- Proof of purchase - an invoice or receipt from an authorised distributor.
- Description of the fault - what is happening, when it started and under what conditions.

You can submit a service request at wipcool.pl/serwis. You will also find the warranty terms there.

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TWÓJ KLUCZ DO KOMFORTU

SERVICE AND DOCUMENTS

R6 PRO · Operating manual

EDITION DETAILS

Model	**R6 PRO**
Edition	**05.11.2026 · EN**
Manufacturer	**Zhejiang Wipcool Refrigeration Equipment Co., Ltd.**
Authorised representative	**4REF sp. z o.o., ul. gen. Władysława Andersa 38, 15-113 Białystok**

wipcool.eu

- online manual and other languages
- data sheet and declaration of conformity
- service and requests

CE

The CE marking confirms the declared conformity with EU requirements.
Crossed-out bin: do not dispose of used equipment with household waste.