

Operation Manual

ARTICLE Fuel Oil Pump and Diesel Pump

Item number 50743 50744 50768 50769 50959 51563 62134 62136



Illustration similar, may vary depending on model

Read and follow the operating instructions and safety information before using for the first time.

Technical changes reserved!

Due to further developments, illustrations, functioning steps and technical data can differ insignificantly.

Updating the documentation

If you have suggestions for improvement or have found any irregularities, please contact us.



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Although WiITec Wildanger Technik GmbH has made every effort to make sure that this user manual is complete, accurate and updated, errors cannot always be avoided. In the event of problems with this user manual please complete and send this form back to us.

FAX-notification (+++49 2403 55592-15),

from: _____

Name: _____

Firm: _____

Tel/Fax: _____

I would like to report the following mistakes:

Customer Service WiITec Wildanger Technik GmbH

e-mail: **service@WiITec.info**

Tel: ++49 2403 55592-0

Introduction

Thank you for purchasing this quality product. **To minimize the risk of injury we urge that our clients take some basic safety precautions when using this device. Please read the operation instructions carefully and make sure you have understood its content.**

Keep these operation instructions safe.

Safety guideline



BEWARE:

The device is not intended for use by persons (including children) with impaired or limited physical, sensory and mental abilities or lack of experience and/or real knowledge, unless they are supervised by a person responsible for their safety or you follow the instructions made by this person how to use the device correctly.

Children should be supervised to make sure that they do not play with the device.



ATTENTION:

- Run a visual inspection of the device before every use. Do not use the device if the safety appliances are damaged or worn out. Never override safety regulations.
- Use the device exclusively according to the intended purpose stated in the instructions for use.
- You are responsible for the safety of the working environment.
- If the cable or the plug is damaged due to external influences the cable must not be repaired! It has to be replaced with a new one. This work can be carried out only by an electrician.
- The voltage indicated on the type plate of the device of 230 Volt alternating voltage has to correspond to the existent mains voltage.
- Never lift, carry or fixate the device by using the power cable.
- Make sure that the electrical plug connection is placed in a flood-proof area and is protected from moisture.
- Disconnect the mains plug before starting the operation.
- The device must not be subjected to a direct stream of water or rain.
- The operator is held responsible for the compliance with the local safety and installation regulations (as the case may be, you can ask a qualified electrician)
- The operator has to exclude any consequential damage due to flooding of areas by using the appropriate measures (e.g. installation of an alarm system, standby pump and the like)
- In case of a failure of the device any reparation must be performed exclusively by a qualified electrician or by the WilTec service.
- The device must never run dry or be operated with its suction pipe fully closed. The manufacturer's warranty expires regarding any damage that might occur due to running dry.



WARNING:

Read all security notes and instructions. Any failure to follow up the security notes and instructions may result in electric shock, fire and / or serious injury. Keep all safety information and instructions for future reference.

Resistance

The maximum temperature of the liquid to be delivered should not exceed +35°C while continuously operated.

The pumping of aggressive liquids (such as acids, alkalis, silage effluent and the like) as well as liquids with abrasive materials (e.g. sand) must be avoided. **Water** must not be transported, either. Moreover, you must not pump any **flammable** liquids (gasoline).

Summary

The pump is a small high-efficiently designed diesel pump with a large flow rate and delivery head, operated by the car battery and easy to use. The pump does not only deliver diesel but also engine oil.

(With this pump you must not transport gasoline or the like!) The pump is applicable for small gas stations as well as for private or mobile use.

Features

1. High flow rate, high suction
2. Quickly and easily to operate by car battery
3. Reliably and safe

Technical data

Description	50743	50744	50768	50769	50959	51563	62134	62136
Input voltage V	12	24	12	12	12	12	12	12
Power consumption W	150	150	160	160	150	180	375	550
Delivery rate maximum l/min	40	40	40	40	40	40	60	80
Delivery head m	10	10	10	10	10	12	12	15
Suction head maximum m	2	2	2	2	2	2	3	3
Connection (Input / Output)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	1" IG	1" IG

Application

The diesel pump series has been thoroughly tested with regard to its temperature resistance and complies with the requirements of protection class IP55. It has a built-in protection valve and can be used without hesitation for machinery and vehicles in the open in order to simplify the refuelling.

Indications:

1. Before connecting the cord, check the power supply
2. There must be an input voltage of 12 volts DC (*direct current*) +/- 5%.
3. It is recommended to pre-fill a small amount of the liquid to be delivered before the pump is used for the first time. Connect the hoses according to the arrows on the pump.
4. Please make sure that any and all connections are well sealed and that there can no air be sucked in. To ensure that the pumped medium is not contaminated, please use the supplied filter.
5. The pump must not be operated any longer than 20 minutes at a time.

ATTENTION!

The pump must not run dry.

Cleaning



The heating oil pump must be cleaned only by using mild cleaning agents as well as a damp cloth and soapy water. Damage caused by inappropriate cleaning agents is not covered by warranty.

Maintenance

- The pump is maintenance free. For a long operation life we recommend regular checking and servicing.
Attention!
Before every maintenance work the pump must be switched off, pull out the plug from the power socket.
- After long non-operation periods check if a proper turning of the rotor takes place.

Malfunctions of the pump

Engine does not run

Cause	Corrections of malfunctions
No supply power (voltage)	Check voltage
Pump impeller is blocked– thermo controller is deactivated	Dismantle the pump and clean it
The engine does not run	Consult a professional electrician

Pump does not suck in

Cause	Corrections of malfunctions
Suction valve is not in the pumped medium	Bring the suction valve in the pumped medium
Pump room without pump medium	Fill in pump medium in the suction nozzle
Air in the suction line	Check if the suction line is well sealed
Saugventil undicht	Clean the suction valve
Suction strainer(suction valve is blocked)	Clean the suction strainer
Max. suction lift is exceeded	Check the suction lift

Insufficient flow rate

Cause	Corrections of malfunctions
Suction lift too high	Check the suction lift
Suction strainer is dirty	Clean the suction strainer
The level of the pumped medium drops rapidly	Place the suction valve more deeply
Pump capacity is reduced because of harmful substances	Clean the pump and replace the wearing part

Thermo switch shuts down the pump

Cause	Corrections of malfunctions
Engine overloaded – excessive friction through foreign particles	Dismantle the pump and clean it, prevent suction of foreign particles (Filter)

Attention!
The pump must not run dry.

Disposal regulations

EU guidelines regarding the disposal of scrap electric appliances (WEEE, 2012/19/EU) were implemented in the law related to electrical and electronic equipment and appliances.

All WiITec electric devices that fall under the WEEE regulations are labelled with the crossed-out wheeled waste bin logo. This logo indicates that this electric equipment must not be disposed with the domestic waste.

The company WiITec Technik GmbH has been registered in the German registry EAR under the WEEE-registration number DE45283704.

Disposal of used electrical and electronic appliances (intended for use in the countries of the European Union and other European countries with a separate collection system for these appliances).

The logo on the article or on its packaging points out that this article must not be treated as normal household waste but must be disposed to a recycling collection point for electronic and electrical waste equipment. By contributing to the correct disposal of this article you protect the environment and the health of your fellow men. Environment and health are threatened by inappropriate disposal.



Materials' recycling helps reduce the consumption of raw materials.

Additional information on recycling this article can be provided by your local community, municipal waste disposal facilities or the store where you purchased the article.

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