Pro-Tech TOOLS

12V mini submersible pump for oil, diesel and water



Instructions for use

Translation of the original instructions

Protect the environment. Used equipment and electrical waste must not be disposed of with general waste. Take used equipment for recycling.

1. Technical specifications

Model: DYB-25
Type: DYB-25A-12V
Power supply: 12V
DC Power
consumption: 40W
Pressure: 0.2 bar
Delivery head: 2 m
Flow rate: 15 l/min
Speed: 3200 rpm
Fluid: Water, Diesel, Oil
Pump diameter: 38 mm
Duty cycle: 30 minutes
Hose connection: 16 mm
Temperature range: -10° ~ +40° C
Protection rating: IP68
Protection class: Class III

2. Application

Pumps for transferring fuel oil or diesel from containers – these are useful wherever fuel needs to be transferred, e.g. in agriculture, construction, transport companies, or even at home.

WARNING! Must not be used for highly flammable liquids such as petrol or alcohol! The transfer capacity

decreases with increasing height or distance.

3. Safety guidelines

Failure to observe the warnings below and any breach of the manufacturer's instructions means the manufacturer accepts no liability for damage resulting from work carried out by people, for damage to animals, property, or the equipment itself, and the warranty is void.
a) Protective gloves – prolonged contact of hydrocarbons with the skin may cause skin irritation. When refuelling or transferring fuel, it is essential to wear PVC protective gloves.
b) No smoking – operators must not smoke or use open flames whilst refuelling.
c) The user must not exceed the maximum parameters for which the equipment was designed and manufactured.
d) The person refuelling must not be left unattended.
e) Before connecting the device, ensure that the power cable and other components are in good working order and condition.
f) The device must not be connected if the person is barefoot, has wet hands, or is standing in water.
g) Do not switch on the appliance until it is fully assembled; do not remove any parts.
h) Keep the power cable and the switch box at a safe distance from water or other gases and liquids, and protect them from rain.

4. Improper use

a) Pumping seawater, dirty water or contaminated water.
b) Pumping liquids exceeding a temperature of 90°C.
c) Pumping of drinking liquids.
d) Pumping of explosive liquids.
e) Use of the equipment by children without supervision.
f) Use in the vicinity of highly flammable liquids (petrol, alcohol) – prohibited.

5. Movement, transport, carriage

The pump is supplied fully assembled and requires no installation.

6. Usage

a) Connect the cable to the power supply – do not use extension leads. If the cable is not long enough, have it replaced by an electrician with a longer one.
b) Before starting, check that everything is correctly connected, the cable is connected to the power supply, and the pump is ready to start. Once you have placed the hose with the pump into the container with the liquid and the hose into the container to which the liquid is to be pumped, you can begin pumping the liquid.

Warning: Do not leave the device running unattended to prevent fuel spillage due to the container into which you are transferring the fuel becoming overfilled.

7. Storage and repair

The most important thing is to store the pump in a clean place. Never dismantle or take the unit apart.

Problem	Cause	Solution
The pump does not start	- No power - Motor not running	- Check the power connection - Contact customer service
Reduced pump performance	- Air in the suction pipe - Clogged filter - Suction pipe is not submerged in the liquid - Pump head too high - Pumped liquid is too viscous	- Check that the suction pipe is not damaged - Clean the filter - Submerge the pipe in the liquid - Reduce the suction head - Stop pumping