Makita PF1010

Makita PF1010 Submersible Water Pump User Manual

Model: PF1010

Introduction

The Makita PF1010 is a lightweight and compact submersible pump designed for efficient drainage of water from various sources such as tanks, swimming pools, and water basins. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Makita PF1010 water pump. Please read this manual thoroughly before use.

Safety Instructions

Always adhere to the following safety guidelines to prevent injury and damage to the pump:

- Ensure the power source matches the pump's requirements.
- Do not operate the pump with damaged cords or plugs.
- Keep hands and feet clear of the pump's intake during operation.
- The pump is designed for water only; do not use it for flammable or corrosive liquids.
- Always disconnect power before performing any maintenance or cleaning.
- Do not lift the pump by its power cord.

Package Contents

Verify that all items are present upon unboxing:

- Makita PF1010 Submersible Water Pump (1 unit)
- User Manual

Product Overview



Image: The Makita PF1010 submersible water pump, featuring a black base and a teal upper housing with the Makita logo. A black power cord and float switch are visible on the left side, and a hose connection elbow is on the right.

The Makita PF1010 is a robust submersible pump designed for efficient water transfer. Key features include:

- Capacity: 14,400 Liters Per Hour (Maximum Flow Rate)
- Maximum Lifting Height: 10 Meters
- Minimum water level for operation: 40 mm (approximate residual water level)
- Handles particles up to 35 mm
- Durable Acrylonitrile Butadiene Styrene (ABS) casing
- Corded Electric power source
- Product Dimensions (L x W x H): 6.3" x 6.3" x 14.96"

- Item Weight: 14.55 Pounds

Setup

1. **Unpacking:** Carefully remove the pump from its packaging. Inspect for any damage.
2. **Hose Connection:** Attach a suitable discharge hose (38.1 mm connection) to the pump's outlet. Ensure a secure, leak-free connection.
3. **Placement:** Position the pump on a stable, flat surface in the water source. Ensure it is fully submerged if required for operation, or placed at the desired water level.
4. **Float Switch Adjustment:** Adjust the float switch cable length to control the automatic on/off levels of the pump. A longer cable allows the pump to start at a higher water level and stop at a lower level.
5. **Power Connection:** Connect the pump to a grounded electrical outlet. Ensure the voltage matches the pump's requirements.

Operating Instructions

1. **Automatic Operation:** Once connected to power and submerged, the pump will automatically start when the water level rises and activates the float switch. It will stop when the water level drops and the float switch deactivates.
2. **Manual Operation:** Refer to specific product markings or additional documentation if your model supports manual override of the float switch.
3. **Monitoring:** Periodically check the pump's operation and the discharge flow to ensure efficient drainage.
4. **Particle Handling:** The pump is capable of handling particles up to 35 mm. Avoid pumping larger debris to prevent clogging or damage.

Maintenance

Regular maintenance ensures the longevity and optimal performance of your pump.

- **Cleaning:** Periodically clean the pump's intake screen to remove any accumulated debris. Disconnect power before cleaning.
- **Inspection:** Regularly inspect the power cord and plug for any signs of damage. Check hose connections for leaks.
- **Storage:** If storing the pump for an extended period, clean it thoroughly, drain all water, and store in a dry, frost-free location.

Troubleshooting

Problem	Possible Cause	Solution
Pump does not start	No power; Float switch not activated; Clogged intake	Check power supply; Ensure water level is high enough to activate float switch; Clean intake screen
Low flow rate	Partially clogged intake/hose; Kinked hose; Insufficient water level	Clean intake/hose; Straighten hose; Ensure adequate water level
Pump runs continuously	Float switch stuck in 'on' position; Continuous water inflow	Check float switch for obstructions; Address continuous water source

Specifications

- **Brand:** Makita
- **Model:** PF1010
- **Power Source:** Corded Electric
- **Maximum Flow Rate:** 14,400 Liters Per Hour
- **Maximum Lifting Height:** 10 Meters
- **Particle Handling:** Up to 35 mm
- **Product Dimensions (L x W x H):**6.3" x 6.3" x 14.96"
- **Item Weight:** 14.55 Pounds
- **Material:** Acrylonitrile Butadiene Styrene (ABS)
- **Color:** Black
- **Hose Connection:** 38.1 mm

Warranty and Support

Makita products are manufactured to high standards and undergo rigorous quality control.
For warranty information, technical support, or service inquiries, please contact Makita customer service or visit the official Makita website. Keep your purchase receipt as proof of purchase.
EU Spare Part Availability Duration: 1 Year.

© 2024 Makita. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question