

## BLACK+DECKER BXUP1100XDE

# BLACK+DECKER BXUP1100XDE Submersible Dirty Water Pump

## Instruction Manual

### 1. INTRODUCTION

The BLACK+DECKER BXUP1100XDE is a reliable and powerful submersible pump with a stainless steel body, specifically designed for pumping dirty water from various sources such as wells, ponds, tanks, pits, and other containers. This pump is capable of handling dirt and debris up to 35mm in diameter. It features an integrated float switch for automatic operation, allowing the pump to activate and deactivate based on water levels. The maximum immersion depth for the BXUP1100XDE is 7 meters, and it can pump water up to a height of 10.5 meters.

### 2. SAFETY INFORMATION

**WARNING: Read all safety warnings and instructions before operating this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.**

- Always disconnect the pump from the power supply before performing any maintenance, cleaning, or when the pump is not in use.
- Ensure the power supply voltage matches the rating plate on the pump.
- Do not operate the pump with a damaged power cord or plug. If damaged, it must be replaced by the manufacturer or a qualified service agent.
- Never lift or carry the pump by its power cable. Use the integrated handle.
- Do not run the pump dry. Ensure it is fully submerged in water during operation to prevent overheating and damage.
- Keep children and unauthorized persons away from the operating area.
- This pump is designed for dirty water. Do not use it for flammable, corrosive, or explosive liquids.
- Ensure the installation site is stable and the pump cannot tip over.

### 3. PRODUCT OVERVIEW

The BXUP1100XDE pump features a robust design for efficient and reliable performance.

- **High-Performance Motor:** Equipped with IPX8 protection against high temperatures, ensuring reliability and a long service life.
- **Durable Casing:** Compact design with a corrosion-resistant stainless steel casing.
- **Integrated Float Switch:** For automatic start and stop based on water level.
- **Universal Connector:** Compatible with discharge hoses of 25mm (1"), 32mm (1 1/4"), or 38mm (1 1/2").



Image 1: The BLACK+DECKER BXUP1100XDE submersible pump with its float switch, operating in a pond to remove water.

#### 4. SETUP

1. **Hose Connection:** Attach a suitable discharge hose (not included) to the universal connector. The pump supports hose diameters of 25mm (1"), 32mm (1 1/4"), or 38mm (1 1/2"). Secure the hose connection to prevent leaks.
2. **Placement:** Carefully lower the pump into the water, ensuring it rests on a stable, flat surface at the

bottom of the container, well, or pond. The pump must be fully submerged before operation.

3. **Float Switch Positioning:** Position the float switch so it can move freely and is not obstructed by the pump body or the container walls. The float switch determines the automatic start and stop levels of the pump.
4. **Electrical Connection:** Connect the pump's power plug to a grounded electrical outlet. Ensure the outlet is protected by a residual current device (RCD) for safety.



Image 2: A user carefully lowering the BLACK+DECKER BXUP1100XDE submersible pump into a water feature, demonstrating proper placement.

## 5. OPERATING INSTRUCTIONS

1. **Initial Start-up:** Once the pump is correctly installed and submerged, and the power is connected, the pump will start automatically when the water level rises sufficiently to activate the float switch.
2. **Automatic Operation:** The integrated float switch will automatically turn the pump on when the water level reaches a certain height and turn it off when the water level drops to approximately 45mm.
3. **Monitoring:** Periodically check the pump's operation and the discharge hose to ensure there are no blockages and water is flowing freely.
4. **Manual Stop:** To stop the pump manually, disconnect it from the power supply.

## 6. MAINTENANCE

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- **Cleaning:** After each use, especially when pumping dirty water, rinse the pump thoroughly with clean water to remove any debris or sediment.
- **Impeller Inspection:** Regularly check the impeller area for any blockages from large debris. Disconnect power before inspecting and carefully remove any obstructions.
- **Float Switch Check:** Ensure the float switch moves freely and is not encrusted with dirt, which could impair its function.
- **Cable Inspection:** Periodically inspect the power cable for any signs of damage, cuts, or fraying. Do not use the pump if the cable is damaged.
- **Storage:** When not in use for extended periods, clean the pump, allow it to dry completely, and store it in a dry, frost-free location.

## 7. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Pump does not start	No power supply; Float switch not activated; Impeller blocked.	Check power connection and RCD; Ensure water level is high enough to activate float switch; Disconnect power and clear impeller.
Pump runs but no water is pumped or flow is low	Discharge hose blocked or kinked; Impeller blocked; Air lock in pump; Water level too low.	Check and clear hose; Disconnect power and clear impeller; Briefly lift and lower pump to release air; Ensure pump is fully submerged.
Pump stops unexpectedly	Water level dropped below float switch off-point; Overheating protection activated; Float switch stuck.	Check water level; Allow pump to cool down; Disconnect power and check float switch for obstructions.
Float switch does not activate/deactivate reliably	Float switch obstructed or dirty; Internal fault.	Disconnect power and clean float switch, ensure free movement; If problem persists, contact customer support.

## 8. SPECIFICATIONS

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Image 3: Dimensional diagram of the BLACK+DECKER BXUP1100XDE submersible pump, showing its height, width, and depth.

Feature	Specification
Model Number	BXUP1100XDE
Power	1100 Watts
Voltage	230 Volts
Max Flow Rate	16500 Litres per hour
Max Head (Lift Height)	10.5 Meters
Max Pressure	1.05 Bars

Feature	Specification
Max Immersion Depth	7 Meters
Residual Water Level	45 mm
Max Particle Size	35 mm
Cable Length	10 Meters
Dimensions (L x W x H)	18.7 x 16.6 x 40 cm
Weight	6.6 Kilograms
Material	Stainless Steel

## 9. WARRANTY AND SUPPORT

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For warranty information and customer support, please refer to the documentation provided with your purchase or contact the manufacturer, Annovi Reverberi S.p.A, directly. Keep your proof of purchase for any warranty claims.