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Ingco SPDB15008 Submersible Sewage Water Pump User Manual

Brand: Ingco | Model: SPDB15008

INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Ingco SPDB15008 Submersible Sewage Water Pump. Please read these instructions carefully before using the pump and retain them for future reference.

The Ingco SPDB15008 is a robust submersible pump designed for handling sewage and dirty water, featuring a powerful 1500W motor and an integrated cutting blade.

SAFETY INSTRUCTIONS

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury.

- Ensure the power supply matches the pump's specifications (220-240V ~ 50Hz).
- Do not operate the pump with a damaged cord or plug.
- Never immerse the control box in water.
- Disconnect power before performing any maintenance or cleaning.
- Keep hands and feet clear of the pump's intake and discharge openings during operation.
- This pump is designed for sewage and dirty water; do not use it for flammable liquids or potable water.
- Always use appropriate personal protective equipment (PPE) when handling the pump.

PRODUCT OVERVIEW

The Ingco SPDB15008 pump is engineered for efficient and reliable performance in demanding applications. Key features include:

- **Powerful Motor:** 1500W (2.0 HP) for high performance.
- **High Flow Rate:** Up to 350 liters per minute.
- **Durable Construction:** Stainless steel pump body and cast iron motor housing.
- **Integrated Cutting Blade:** Designed for effective handling of dirty water and sewage.
- **Protection Control Box:** Ensures safe operation and protects the motor.

- **Long Cable:** 9-meter cable for extended reach.



Image of the Ingco SPDB15008 submersible sewage water pump, showing its compact design and robust construction.

SPECIFICATIONS

Feature	Value
Voltage	220-240V ~ 50Hz
Rated Power	1500W (2.0 HP)
Maximum Head	14.5 meters
Maximum Flow Rate	350 liters/minute
Pump Body Material	Stainless Steel

Feature	Value
Motor Housing Material	Cast Iron
Cable Length	9 meters
Integrated Feature	Cutting Blade for Dirty Water
Included Accessory	Control Box for Protection
Item Weight	21.6 kg
Package Dimensions	50 x 20 x 20 cm
Model Number	6941640141798

SETUP

- Unpacking:** Carefully remove the pump and all accessories from the wooden box. Inspect for any damage during transit.
- Placement:** Position the pump on a stable, level surface in the area where water needs to be drained. Ensure the pump is fully submerged if operating in a sump or pit.
- Discharge Hose Connection:** Connect a suitable discharge hose to the pump's outlet. Ensure the connection is secure and watertight to prevent leaks.
- Electrical Connection:** Connect the pump's power cable to the control box. Then, plug the control box into a grounded 220-240V ~ 50Hz power outlet. Ensure the outlet is protected by a Residual Current Device (RCD) for safety.
- Cable Management:** Route the power cable and discharge hose to prevent kinks, damage, or tripping hazards.

OPERATING INSTRUCTIONS

- Pre-Operation Check:** Before starting, ensure the pump is correctly installed, all connections are secure, and the pump is clear of any obstructions.
- Starting the Pump:** Plug the control box into the power supply. The pump will typically start automatically if equipped with a float switch and the water level is sufficient. For manual operation, refer to the control box instructions.
- Monitoring:** Observe the pump during its initial operation to ensure it is functioning correctly and water is being discharged efficiently.
- Stopping the Pump:** Unplug the control box from the power supply to stop the pump. If using a float switch, the pump will stop automatically once the water level drops below the minimum operating level.
- Continuous Operation:** The pump is designed for intermittent or continuous duty, depending on the application. Avoid running the pump dry for extended periods, as this can cause damage.

MAINTENANCE

- Regular maintenance ensures the longevity and optimal performance of your pump.
- Disconnect Power:** Always disconnect the pump from the power supply before any maintenance.
 - Clean Intake Screen:** Periodically check and clean the intake screen to remove debris that may obstruct water flow.

- **Inspect Impeller/Cutting Blade:** If accessible, inspect the impeller and cutting blade for wear or damage. Clear any tangled debris.
- **Check Cable and Connections:** Regularly inspect the power cable and all electrical connections for signs of wear, cuts, or corrosion.
- **Winter Storage:** If storing the pump in freezing conditions, drain all water from the pump and hoses to prevent ice damage. Store in a dry, protected area.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not start.	No power; tripped circuit breaker; faulty float switch; motor overload.	Check power supply; reset breaker; inspect float switch; allow motor to cool.
Pump runs but no water is discharged.	Clogged intake/discharge; airlock; low water level; damaged impeller.	Clear obstructions; prime pump (if applicable); ensure sufficient water; inspect impeller.
Reduced flow rate.	Partial clog; worn impeller; kinked hose.	Clear partial obstructions; inspect/replace impeller; straighten hose.
Pump cycles on and off frequently.	Float switch malfunction; small sump pit; backflow.	Adjust/inspect float switch; consider larger sump; install check valve.

If problems persist after attempting these solutions, contact qualified service personnel.

WARRANTY AND SUPPORT

Warranty information for the Ingco SPDB15008 pump is typically provided at the point of purchase or within separate documentation included with the product. Please refer to your purchase receipt or the manufacturer's official website for specific warranty terms and conditions.

For technical support, spare parts, or service inquiries, please contact your authorized Ingco dealer or visit the official Ingco website for contact information.

Note: Unauthorized repairs or modifications may void your warranty.

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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

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