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Ingco SPC7508-5

Ingco 750W (1.0 HP) Water Pump Model SPC7508-5 Instruction Manual

Model: SPC7508-5

1. PRODUCT OVERVIEW

The Ingco SPC7508-5 is a powerful 750W (1.0 HP) water pump designed for efficient water transfer. It features a durable construction with a copper wire motor and stainless steel components, ensuring reliable performance for various clean water applications.



Image: Ingco SPC7508-5 Water Pump. This image displays the overall design of the pump, highlighting its compact form and robust casing.

Key Features:

- Voltage: 220-240V ~ 50Hz
- Rated Power: 750W (1.0 HP)
- Maximum Head: 32 meters

- Maximum Flow: 120 liters/minute
- Pipe Diameter: 1 inch
- Durable copper wire motor
- Corrosion-resistant stainless steel base, screws, and shaft
- Thermal protection with integrated float switch for automatic operation in clean water

2. SAFETY INSTRUCTIONS

Read all safety warnings and instructions carefully before installing or operating this product. Failure to follow these instructions may result in electric shock, fire, serious injury, or property damage. Keep this manual for future reference.

- **Electrical Safety:** Ensure the power supply matches the pump's specifications (220-240V ~ 50Hz). Always connect to a properly grounded outlet. Do not operate with damaged cords or plugs. Avoid using extension cords if possible; if necessary, use a heavy-duty outdoor-rated cord.
- **Water Safety:** This pump is designed for clean water only. Do not use it for flammable, corrosive, or explosive liquids. Ensure the pump is fully submerged or properly primed before operation to prevent dry running.
- **Personal Safety:** Always wear appropriate personal protective equipment (PPE) such as gloves and eye protection during installation and maintenance. Keep children and unauthorized persons away from the operating area.
- **Installation:** Secure the pump properly to prevent movement during operation. Ensure all connections are tight and leak-free.
- **Maintenance:** Disconnect the power supply before performing any maintenance or cleaning.

3. PACKAGE CONTENTS

Upon unpacking, verify that all items are present and undamaged. If any parts are missing or damaged, contact your retailer immediately.

- Ingco 750W (1.0 HP) Water Pump (Model SPC7508-5)
- Float Switch (integrated)
- Instruction Manual
- Basic tools/accessories (as included by manufacturer)

4. SPECIFICATIONS

Specification	Value
Model Number	SPC7508-5
Rated Power	750W (1.0 HP)
Voltage	220-240V ~ 50Hz
Maximum Head	32 meters
Maximum Flow Rate	120 liters/minute
Pipe Diameter	1 inch

Specification	Value
Motor Type	Copper Wire Motor
Material	Stainless Steel (base, screws, shaft)
Power Source	AC
Item Weight	12.2 kg
Shipping Dimensions	56 x 26.5 x 23.3 cm
Country of Origin	China

5. SETUP

Proper setup is crucial for the pump's performance and longevity. Follow these steps carefully:

- Placement:** Position the pump on a stable, level surface. If submersible, ensure it is fully immersed in clean water, away from debris that could block the intake.
- Discharge Hose Connection:** Connect a suitable 1-inch discharge hose to the pump's outlet. Secure it tightly with a hose clamp to prevent leaks. Ensure the hose is free of kinks or obstructions.
- Electrical Connection:** Ensure the power switch is in the 'OFF' position. Plug the pump into a grounded 220-240V ~ 50Hz electrical outlet. Do not operate the pump if the power cord or plug is damaged.
- Float Switch Adjustment:** The integrated float switch controls the pump's automatic on/off function based on water level. Adjust the float switch cable length to set the desired minimum and maximum water levels for operation. Ensure the float switch can move freely without obstruction.

6. OPERATING INSTRUCTIONS

Once the pump is set up, follow these steps for operation:

- Initial Check:** Before starting, confirm all connections are secure and the pump is correctly positioned. Ensure the water source is clean and free of large particles.
- Power On:** Turn on the power supply to the pump.
- Automatic Operation:** The float switch will automatically activate the pump when the water level rises to the preset 'ON' level and deactivate it when the water level drops to the preset 'OFF' level.
- Monitoring:** Periodically check the pump's operation, discharge flow, and water levels. Listen for unusual noises or vibrations, which may indicate a problem.
- Shut Down:** To stop the pump manually, turn off the power supply. If the pump is not in use for an extended period, disconnect it from the power source and clean it.

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the pump's lifespan. Always disconnect the pump from the power supply before performing any maintenance.

- Cleaning:** Periodically clean the pump's intake screen to remove any accumulated debris. This prevents blockages and maintains efficient water flow. Rinse the pump with clean water after use, especially if pumping

slightly dirty water.

- **Inspection:** Regularly inspect the power cord, plug, and float switch for any signs of damage, wear, or corrosion. Check all hose connections for leaks.
- **Storage:** If storing the pump for an extended period, drain all water from it to prevent freezing damage. Clean the pump thoroughly and store it in a dry, frost-free location.
- **Winterization:** In cold climates, ensure the pump is completely drained and stored indoors during winter months to prevent damage from freezing water.

8. TROUBLESHOOTING

Before contacting customer support, refer to the following troubleshooting guide for common issues:

Problem	Possible Cause	Solution
Pump does not start	No power supply Float switch not activated Thermal overload protection activated Damaged motor/wiring	Check power connection and circuit breaker Ensure water level is high enough to activate float switch Allow pump to cool down; check for obstructions Contact qualified technician
Pump runs but no water flows	Intake blocked Discharge hose kinked/blocked Air lock Impeller damaged	Clean intake screen Clear hose obstruction Reposition pump or prime manually if possible Contact qualified technician
Reduced flow rate	Partial intake blockage Hose partially blocked/kinked Low voltage	Clean intake screen Clear hose obstruction Check power supply voltage
Pump cycles on/off frequently	Float switch improperly adjusted Water level fluctuating rapidly	Adjust float switch to allow for greater water level differential Ensure stable water source

9. WARRANTY AND SUPPORT

Ingco products are manufactured to high-quality standards. This product is covered by a manufacturer's warranty against defects in materials and workmanship under normal use. Please refer to the warranty card included with your purchase or contact your retailer for specific warranty terms and conditions.

For technical assistance, spare parts, or service inquiries, please contact your authorized Ingco dealer or customer service center. Always provide the model number (SPC7508-5) and purchase date when seeking support.