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› [Ingco](#) /

› Ingco Engco 1 HP 750 Watt Water Motor VPM7508 User Manual

Ingco VPM7508

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Model: VPM7508 | Brand: Ingco

INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Ingco Engco 1 HP 750 Watt Water Motor, model VPM7508. Please read this manual thoroughly before using the product to ensure proper function and to prevent damage or injury.

PRODUCT OVERVIEW

The Ingco Engco VPM7508 is a 1 HP (750 Watt) peripheral water pump designed for various water transfer applications. It features a robust design suitable for industrial and domestic use, providing reliable performance for tasks such as boosting water pressure, transferring water from tanks, or irrigation.



Figure 1: Front view of the Ingco Engco VPM7508 Water Motor.



Figure 2: Side view of the Ingco Engco VPM7508 Water Motor, showing connections.



Figure 3: Packaging box for the Ingco Engco VPM7508 Water Motor.

SAFETY INSTRUCTIONS

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

- Ensure the power supply matches the pump's voltage requirements (220-240V~50Hz).
- Do not operate the pump without water, as this can cause severe damage to the motor.
- Always disconnect the power before performing any maintenance or installation.
- Keep children and unauthorized personnel away from the operating pump.
- Install the pump in a well-ventilated area, protected from direct sunlight and extreme weather conditions.
- Use appropriate personal protective equipment (PPE) during installation and maintenance.

SETUP AND INSTALLATION

1. **Unpacking:** Carefully remove the pump from its packaging. Inspect for any signs of damage during transit.
2. **Placement:** Position the pump on a stable, level surface. Ensure it is close to the water source and the intended discharge point.
3. **Piping Connections:**
 - Connect the suction pipe to the pump's inlet. Ensure all connections are airtight to prevent air leaks, which can affect pump performance.
 - Connect the discharge pipe to the pump's outlet. Use appropriate pipe fittings and sealants.
4. **Priming the Pump:** Before first use, the pump must be primed.
 - Remove the priming plug (if present) or fill the pump casing with water through the discharge port until it overflows.
 - Replace the plug securely.
5. **Electrical Connection:** Connect the pump to a grounded electrical outlet with the correct voltage (220-240V~50Hz). Ensure the power cord is not damaged and is routed safely.

OPERATING INSTRUCTIONS

1. **Initial Start-up:** After priming, ensure all connections are secure and the pump is ready for operation.

- 2. **Power On:** Plug in the pump or switch on the power supply. The pump should start immediately.
- 3. **Monitoring:** Observe the pump during operation. Listen for unusual noises and check for leaks. The pump should operate smoothly.
- 4. **Shut-down:** To turn off the pump, simply disconnect the power supply or switch off the dedicated circuit breaker.
- 5. **Extended Use:** For continuous operation, periodically check the pump's temperature and ensure adequate ventilation.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Ingco water motor.

- **Cleaning:** Periodically clean the exterior of the pump to prevent dust and debris buildup.
- **Check for Leaks:** Regularly inspect all pipe connections for any signs of leaks. Tighten connections as needed.
- **Winterization (if applicable):** If the pump is used in an area subject to freezing temperatures, drain all water from the pump and pipes to prevent damage from ice expansion. Store the pump in a dry, frost-free location.
- **Impeller Inspection:** If performance degrades, disconnect power and inspect the impeller for blockages or wear. *(Note: This may require professional assistance.)*
- **Electrical Cord:** Inspect the power cord for any cuts, fraying, or damage. Replace if necessary.

TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your water motor.

Problem	Possible Cause	Solution
Pump does not start	No power supply; tripped circuit breaker; faulty wiring.	Check power connection; reset circuit breaker; inspect wiring <i>(consult an electrician if unsure)</i> .
Pump runs but no water flows	Pump not primed; air leak in suction line; clogged suction filter; low water level.	Re-prime the pump; check and seal suction line connections; clean filter; ensure adequate water supply.
Reduced water flow/pressure	Partial blockage in pipes/impeller; worn impeller; air in system.	Check for blockages; inspect impeller <i>(professional service recommended)</i> ; re-prime.
Excessive noise/vibration	Air in pump; loose mounting; foreign object in impeller.	Re-prime the pump; secure mounting bolts; inspect impeller for debris.

If the problem persists after attempting these solutions, please contact a qualified technician or Ingco customer support.

SPECIFICATIONS

Feature	Specification
Model	VPM7508
Brand	Ingco
Power Output	750W (1 HP)
Voltage	220-240V~50Hz
Max. Head (Lifting Height)	55 meters
Max. Flow Rate	50 Liters/minute

Feature	Specification
Power Source Type	Corded Electric
Product Dimensions	10 x 20 x 37 cm
Item Weight	209 g (0.21 kg)

WARRANTY AND SUPPORT

This product is covered by Ingco's standard warranty. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or visit the official Ingco website. For technical support, spare parts, or service inquiries, please contact your local Ingco authorized service center or the retailer from whom you purchased the product. You can find more information about Ingco products and support at www.ingco.com.

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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

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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