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VEVOR QSB-2JH-1100B96 (1.5 HP/1100W)

VEVOR 1.5 HP / 1100W Submersible Dirty Water Pump

Model: QSB-2JH-1100B96 (1.5 HP/1100W)

Brand: VEVOR

Introduction

This manual provides essential information for the safe and efficient operation of your VEVOR 1.5 HP / 1100W Submersible Dirty Water Pump. This powerful pump is designed for various drainage tasks, including removing water from flooded areas, swimming pools, basements, ponds, and septic tanks. It features a robust 1.5 HP motor, an automatic float switch for hands-free operation, and durable stainless steel construction for long-lasting performance. Please read these instructions carefully before installation and use to ensure proper function and safety.



Image: The VEVOR submersible pump shown in different applications, including draining a pond, a swimming pool, and a flooded room, highlighting its multipurpose use.

Setup

1. **Unpacking:** Carefully remove the pump and all accessories from the packaging. Inspect for any damage during transit.
2. **Hose Connection:** Connect a suitable discharge hose to the pump's outlet. The pump includes a cuttable adapter to accommodate different hose sizes (G1-1.27 cm). Ensure a secure, leak-free connection.
3. **Placement:** Position the pump on a stable, level surface in the area to be drained. Ensure the pump is fully submerged in water for optimal operation and cooling. The maximum submersion depth is 23 ft / 7 m.
4. **Power Connection:** Ensure the power cord is free from damage. Plug the 33 ft / 10 m power cord into a grounded electrical outlet. The pump operates on 230V 50Hz.
5. **Float Switch Adjustment:** Adjust the length of the float switch cord to control the automatic start and stop levels of

the pump. Ensure the float switch can move freely without obstruction.



Image: A diagram illustrating the automatic float switch. The pump starts when the float is elevated by water and stops when the water level drops, causing the float to lower.



Image: An illustration detailing the installation process, including the 33 ft / 10 m power cord, maximum submersion depth of 23 ft / 7 m, and the G1-1/4" / 32mm discharge connection. It also indicates the acceptable water temperature range (32-95°F / 0-35°C) and maximum solid particle size (1.4" / 3.5 cm).

Operating Instructions

The VEVOR submersible pump is designed for automatic operation via its tethered float switch.

- **Automatic Operation:** Once plugged in and submerged, the pump will automatically start when the water level rises and lifts the float switch. It will continue to pump until the water level drops sufficiently to lower the float switch, at which point the pump will automatically turn off.
- **Manual Override (if applicable):** Some models may allow for manual operation by securing the float switch in an 'up' position. Refer to specific product details if this feature is desired.
- **Monitoring:** Periodically check the pump's operation to ensure it is functioning correctly and that the discharge hose is not kinked or blocked.

- **Water Temperature:** Ensure the water temperature remains within the specified range of 32-95 ℉ (0-35 ℃).
- **Solid Passage:** The pump can handle solid particles up to 1.4 inches (3.5 cm) in diameter. Avoid pumping liquids with larger debris to prevent clogging or damage.



Image: This graphic highlights the pump's performance specifications: 1.5 HP power, 88 GPM (333.3 L/min) max flow, and 29.5 ft (9 m) max lift. It also notes features such as ultra-quiet operation and overload protection.

Maintenance

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

- **Before Maintenance:** Always unplug the pump from the power source before performing any maintenance or cleaning.
- **Cleaning:** Periodically clean the pump's intake screen and impeller area to remove any debris, such as leaves, mud, or small stones, that may impede water flow.
- **Float Switch Check:** Ensure the float switch is clean and moves freely. Debris can prevent it from operating

correctly.

- **Cord Inspection:** Regularly inspect the power cord for any signs of damage, cuts, or fraying. Do not use the pump if the cord is damaged.
- **Storage:** If storing the pump for an extended period, clean it thoroughly, drain all water, and store it in a dry, frost-free location.



Image: This image highlights the durable construction of the pump, featuring a portable stainless steel handle, a sturdy stainless steel body, a waterproof rubber power cord, and a sturdy PVC base. It also indicates an IPX8 waterproof rating, ensuring protection for the internal motor.

TROUBLESHOOTING

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Pump does not start	No power; Float switch not activated; Impeller jammed	Check power supply/circuit breaker; Ensure water level is high enough to lift float; Unplug and clear impeller of debris.
Pump runs but no water is discharged or flow is low	Discharge hose kinked/blocked; Intake screen blocked; Air lock; Impeller worn/damaged	Check and clear hose; Clean intake screen; Lift and shake pump to release air; Inspect/replace impeller.
Pump cycles on and off frequently	Float switch obstructed; Water level fluctuating rapidly	Clear float switch area; Ensure stable water level or adjust float switch range.
Pump makes unusual noise	Debris in pump; Worn bearings	Unplug and clear debris; If noise persists, contact customer support.

SPECIFICATIONS

Feature	Specification
Model	QSB-2JH-1100B96
Power	1100 W / 1.5 HP
Voltage	230 V 50 Hz
Amps	2.7 A
Max. Lift	29.5 ft / 9 m
Max. Flow	88 GPM / 333.3 L/min
Power Cord Length	33 ft / 10 m
Water Temperature Range	32-95 ℉ / 0-35 ℃
Protection Type	IPX8
Max. Solid Particle Size	1.4 inches / 3.5 cm
Material	Stainless Steel
Product Dimensions (L x W x H)	7.6 x 6.3 x 13.2 inches / 19.3 x 15.9 x 33.6 cm
Item Weight	13 lbs / 5.9 kg



Image: A visual representation of the pump's key specifications and dimensions, including power, voltage, amps, max lift, max flow, water temperature, and product weight, along with its height, width, and depth measurements.

Warranty Information

VEVOR products are designed for durability and performance. For specific warranty terms and conditions applicable to your submersible pump, please refer to the warranty card included with your product or visit the official VEVOR website. Keep your purchase receipt as proof of purchase for any warranty claims.

Customer Support

If you have any questions, require technical assistance, or need to report an issue with your VEVOR submersible pump, please contact VEVOR customer support. You can typically find contact information on the official VEVOR website or through the retailer where you purchased the product.

Online Support: Visit www.vevor.com for FAQs, product registration, and support contact details.

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