

DEKOPRO DKEWAPA055C1

DEKOPRO 560W Submersible Drainage Pump DKEWAPA055C1 User Manual

Model: DKEWAPA055C1 | Brand: DEKOPRO

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your DEKOPRO 560W Submersible Drainage Pump. Please read these instructions carefully before installation, operation, or maintenance. Keep this manual for future reference.

1.1 Safety Information

- Always disconnect the pump from the power supply before handling or performing any maintenance.
- Ensure the power supply matches the pump's specifications (100V, 50/60Hz).
- Do not operate the pump dry. The auto-off function prevents dry running, but manual checks are recommended.
- Keep children and unauthorized persons away from the operating area.
- Do not use the pump for flammable, corrosive, or explosive liquids.
- Ensure all electrical connections are waterproof and properly insulated.

2. PRODUCT FEATURES

The DEKOPRO 560W Submersible Drainage Pump is designed for efficient water removal in various household and garden applications. Key features include:

- **Powerful Performance:** Equipped with a 560W motor, delivering a maximum discharge volume of 16277 liters per hour (L/H) and a maximum head of 7 meters.
- **Automatic Operation:** Features an auto-power-off function. The pump automatically shuts off when the water level drops below 3.2cm and restarts when the water level rises above 4cm, preventing dry running.
- **Versatile Hose Connections:** Supports various hose diameters including 12.5mm, 19mm, 25mm, 38mm, G1", and G1-1/2" for broad application compatibility.
- **Durable Construction:** Made from high-quality, rust-resistant, and durable PP plastic for the base and handle, ensuring longevity.

- **Enhanced Safety:** Includes overload protection, overcurrent protection, and short-circuit prevention.
- **Oil-Free Motor:** Requires no maintenance, contributing to energy efficiency and long-term use.
- **Debris Handling:** Can pass foreign objects up to 35mm in diameter, suitable for dirty water applications.
- **Ultra-Quiet Design:** Engineered to significantly reduce operational noise.
- **IPX8 Waterproof Rating:** Ensures reliable performance in submersible conditions.

16227L/H

ハイパフォーマン



省エネ設計



超静音設計



過熱保護機能



IPX8
防水等級

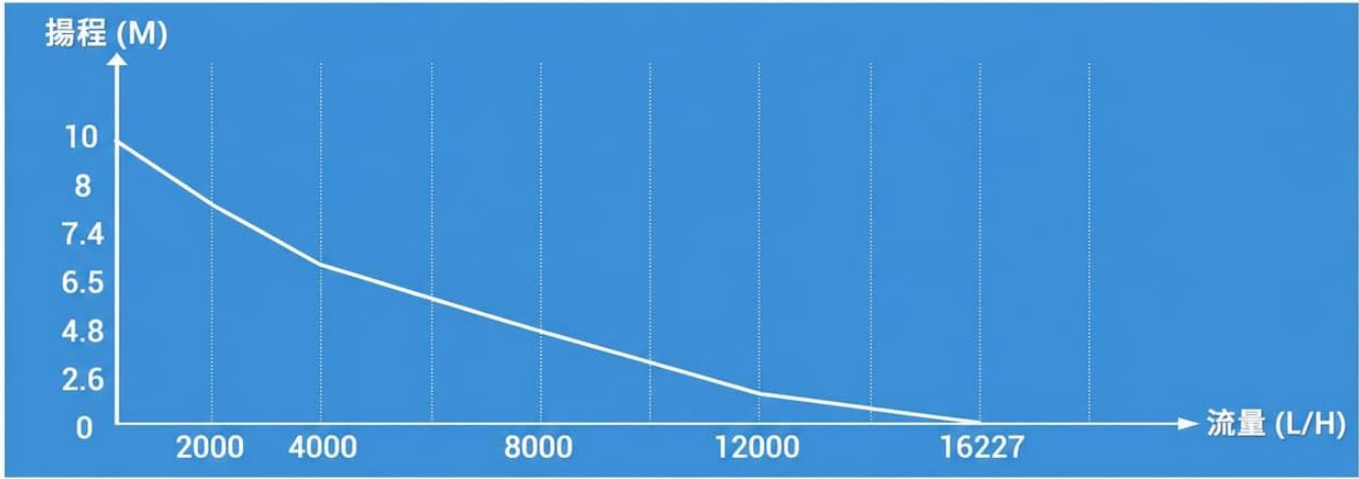


Figure 2.1: Key features of the DEKOPRO submersible pump, including energy efficiency, quiet operation, and robust protection.

3. SPECIFICATIONS

Specification	Value
Model Number	DKEWAPA055C1
Power	560W

Specification	Value
Voltage	100V
Frequency	50/60Hz
Maximum Flow Rate	16277 L/H
Maximum Head	7 meters
Maximum Submersion Depth	7 meters
Minimum Water Level (Auto-Off)	3.2 cm
Water Level (Auto-On)	4 cm
Max Particle Size	35 mm
Power Cord Length	3 meters
Waterproof Rating	IPX8
Included Components	Submersible Pump
Color	Light Blue

4. SETUP

Proper setup ensures optimal performance and safety.

4.1 Hose Connection

1. Select the appropriate hose adapter based on your desired discharge volume and hose diameter (12.5mm, 19mm, 25mm, 38mm, G1", or G1-1/2").
2. Attach the chosen adapter securely to the pump's outlet.
3. Connect your discharge hose to the adapter. Ensure a tight fit to prevent leaks.



Figure 4.1: Multi-adapter for various hose diameters (12.5mm, 19mm, 25mm, 38mm, G1", G1-1/2").

4.2 Float Switch Adjustment

The float switch controls the automatic on/off function based on water level.

1. Locate the float switch and its locking mechanism on the pump body.
2. Adjust the position of the float switch by moving the lock up or down to set your desired minimum and maximum water levels for automatic operation.
3. Ensure the float switch can move freely without obstruction.



Figure 4.2: Adjusting the float switch height for automatic operation.

5. OPERATING INSTRUCTIONS

Follow these steps for safe and effective pump operation.

1. **Placement:** Submerge the pump completely in the water to be drained. Ensure the pump is stable and not resting on loose debris. The bottom intake design allows for efficient drainage from low water levels.
2. **Power Connection:** Plug the pump into a suitable 100V, 50/60Hz power outlet.
3. **Automatic Operation:** With the float switch properly adjusted, the pump will automatically start when the water level reaches approximately 4cm and stop when it drops below 3.2cm.
4. **Manual Operation (if applicable):** If you wish to bypass the float switch for continuous operation (e.g., for initial priming or specific tasks), ensure the float switch is held in an 'on' position or consult the full product manual for specific manual override instructions.
5. **Monitoring:** Periodically check the pump's operation and the water level. Ensure the discharge hose is clear and directing water to a safe drainage area.
6. **After Use:** Disconnect the power supply once drainage is complete or if the pump is no longer needed.



Figure 5.1: The DEKOPRO pump in operation, effectively discharging water.

5.1 Typical Applications

- Draining flooded basements or pathways.
- Emptying swimming pools, hot tubs, or water tanks.
- Watering gardens and flower beds from ponds or rain barrels.
- Transferring water for hydroponics or aquarium systems.
- Removing rainwater accumulation.



Figure 5.2: Examples of common applications for the submersible pump.

6. MAINTENANCE

The DEKOPRO 560W Submersible Drainage Pump is designed for minimal maintenance due to its oil-free motor.

- **Cleaning:** After each use, especially when pumping dirty water, rinse the pump thoroughly with clean water to remove any debris or sediment. This prevents clogging and ensures efficient operation.
- **Inspection:** Periodically inspect the power cord, hose connections, and pump housing for any signs of damage or wear. Replace damaged parts immediately.
- **Storage:** When not in use, store the pump in a clean, dry place, protected from frost and direct sunlight.
- **No Oil Changes:** The oil-free motor design eliminates the need for oil changes or lubrication.

7. TROUBLESHOOTING

If you encounter issues with your pump, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Pump does not start	No power supply Float switch not activated Overload protection triggered	Check power connection and outlet Ensure water level is above 4cm and float switch moves freely Disconnect power, wait for pump to cool, then reconnect
Pump runs but no water is discharged or flow is weak	Air trapped in pump Hose or outlet clogged Discharge head too high Water level too low	Tilt the pump slightly to release trapped air Check and clear any blockages in the hose or pump outlet Ensure discharge head is within 7m maximum Ensure water level is sufficient for operation
Pump stops unexpectedly	Water level dropped below 3.2cm (auto-off) Overheat protection triggered Clogging by large debris	This is normal auto-off behavior Disconnect power, allow pump to cool, check for obstructions Disconnect power, remove pump, clear any debris from intake
Excessive noise during operation	Debris in impeller Pump not stable	Disconnect power, inspect and clear impeller Ensure pump is placed on a stable, flat surface

If problems persist after attempting these solutions, please contact DEKOPRO customer support.

8. WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please contact the seller or DEKOPRO customer service directly. Keep your purchase receipt as proof of purchase.

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

you@example.com

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