WilTec 65343

Wiltec 1200W Submersible Water Pump (Model 65343) Instruction Manual

Model: 65343

1. Introduction

Thank you for choosing the Wiltec 1200W Submersible Water Pump. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your pump. Please read these instructions carefully before use and retain them for future reference.

This submersible pump is designed for pumping water from wells, tanks, and other water sources. It features a powerful 1200W motor, a maximum flow rate of 6000 L/h, a maximum discharge height of 40 meters, and an immersion depth of up to 12 meters. Integrated safety features include a float switch, dry-run protection, and a thermoregulator to ensure reliable performance and longevity.

2. Safety Instructions

WARNING: Failure to follow these safety instructions may result in electric shock, fire, serious injury, or death.

- Always disconnect the pump from the power supply before performing any maintenance, cleaning, or when not in use.
- Ensure the power supply voltage matches the specifications on the pump's rating label.
- Do not operate the pump with a damaged power cord or plug. If damaged, it must be replaced by the manufacturer, service agent, or similarly qualified persons to avoid a hazard.
- Never lift or carry the pump by its power cord. Use the designated handle or a sturdy rope attached to the pump's lifting eye.
- Keep children and unauthorized persons away from the operating area.
- The pump is designed for pumping clean water. Do not use it for flammable, corrosive, or explosive liquids.
- Ensure the pump is fully submerged during operation to prevent dry running, which can cause damage. The integrated dry-run detector provides additional protection.
- Do not operate the pump in swimming pools or areas where people are in the water.

- Protect the pump from frost. Drain all water from the pump and hoses if there is a risk of freezing temperatures.
- The built-in thermoregulator protects the motor from overheating. If the pump shuts off automatically, allow it to cool down before restarting.

3. Product Overview

The Wiltec 1200W Submersible Water Pump is constructed with a durable plastic and stainless steel main body, ensuring corrosion resistance and portability. It features a robust motor and advanced safety mechanisms for reliable water transfer.

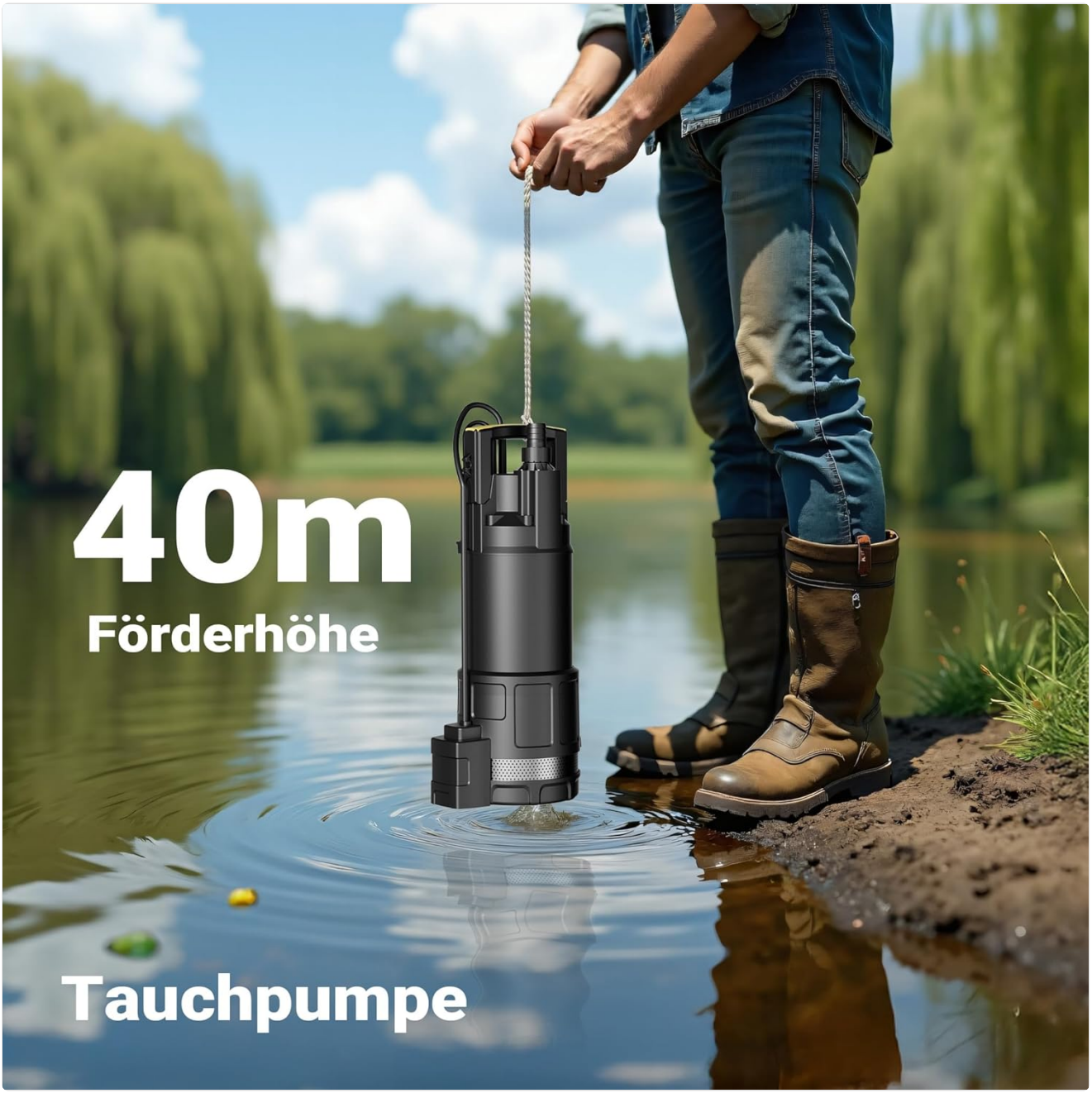
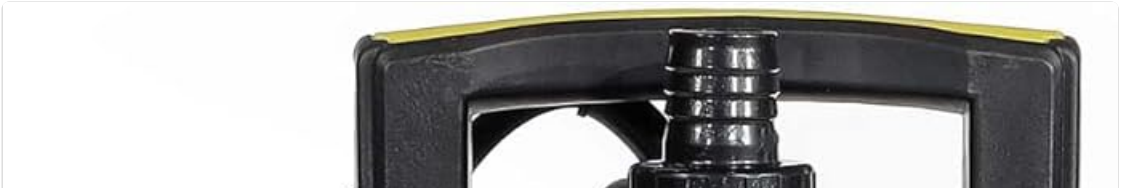


Image 3.1: A person lowering the Wiltec Submersible Water Pump into a body of water. The image highlights the pump's capability to achieve a 40-meter discharge height and its general use as a submersible pump.



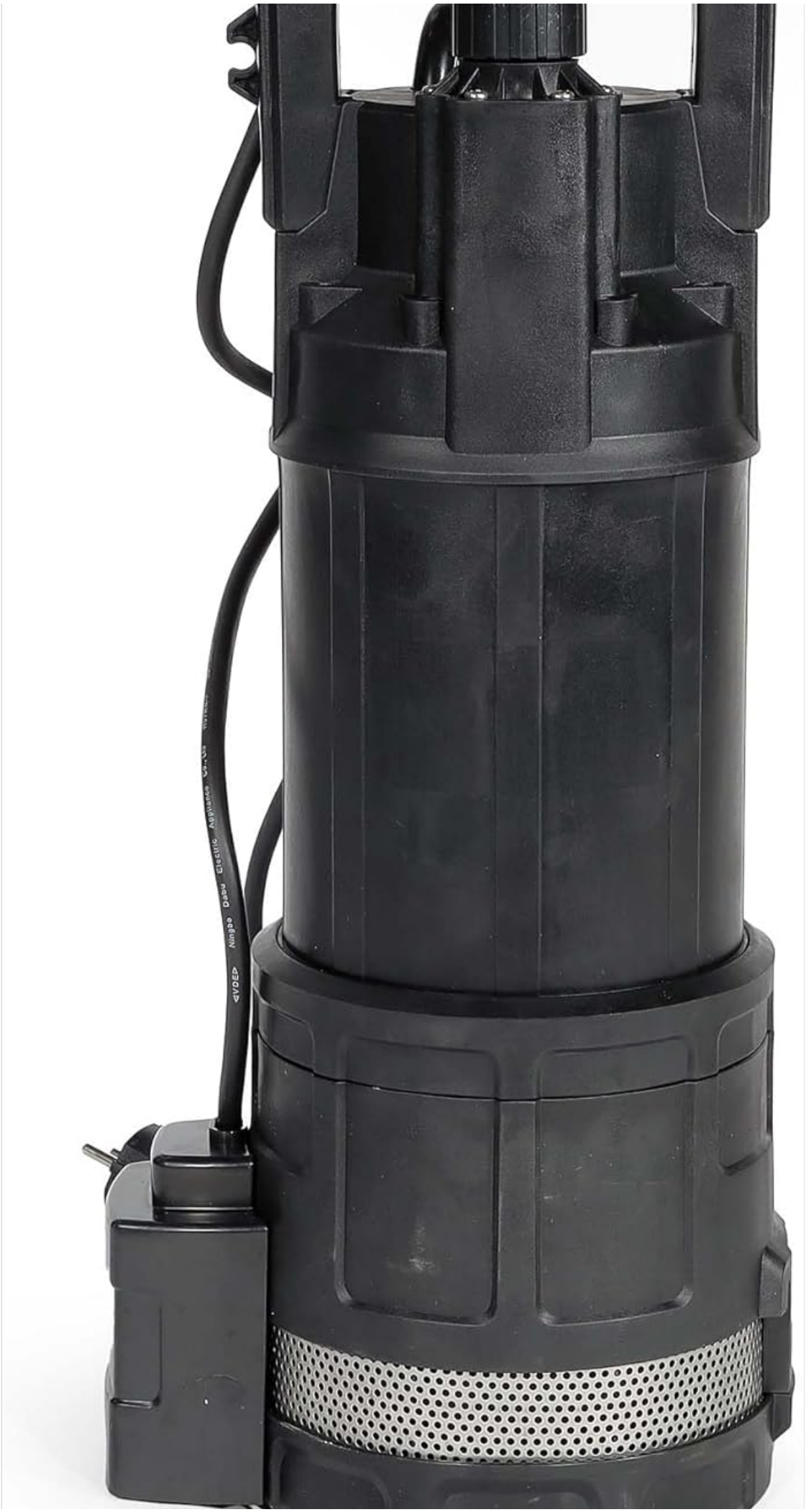

Ningbo Dare Electric Appliance

Image 3.2: A detailed view of the Wiltec Submersible Water Pump, showcasing its robust black casing, integrated handle, and the float switch mechanism attached to the side.

4. Specifications

Refer to the table below for detailed technical specifications of the Wiltec 1200W Submersible Water Pump.

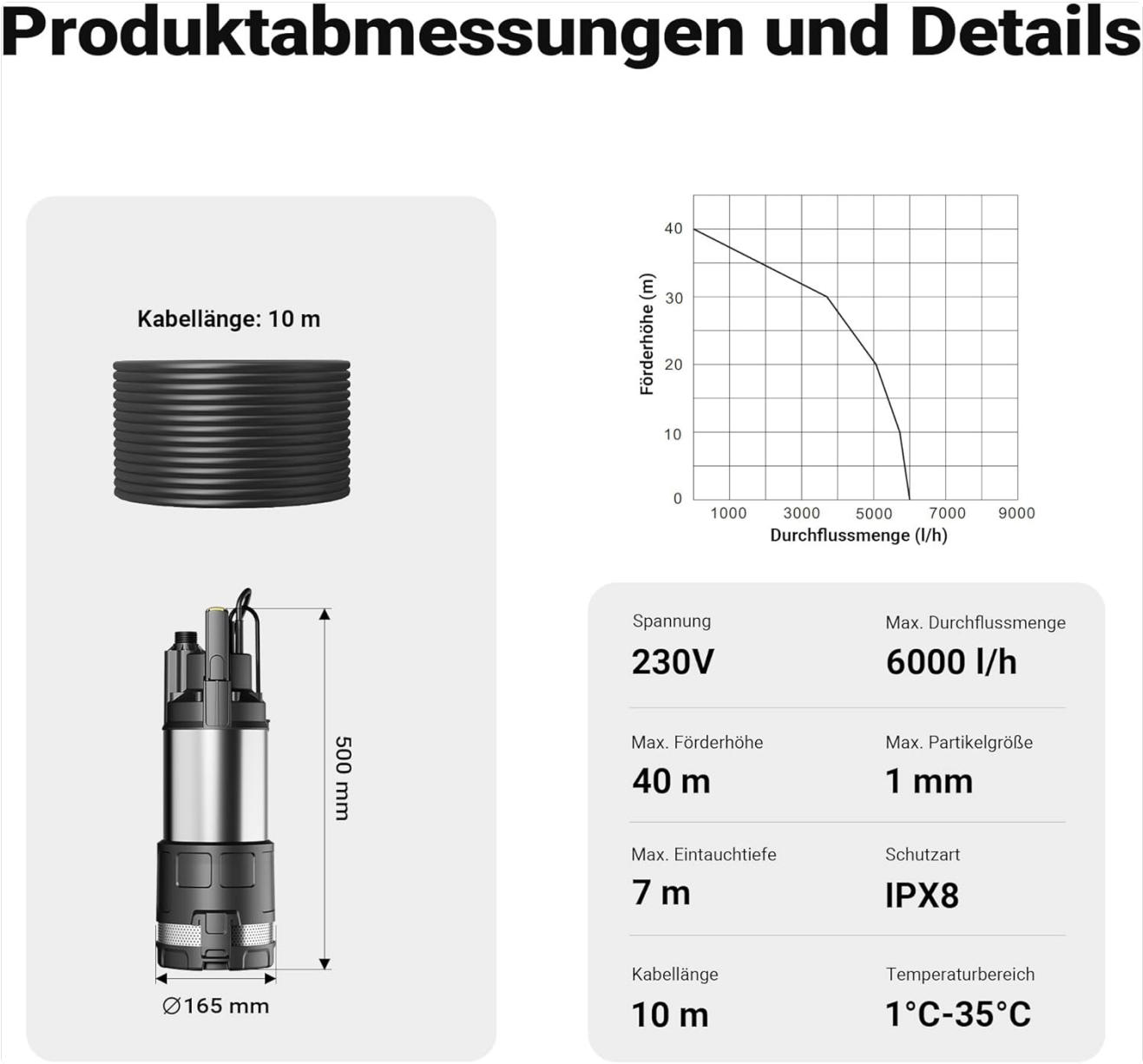


Image 4.1: This diagram illustrates the product dimensions (500mm height, 165mm diameter) and key performance data, including a 10m cable length and a performance curve showing flow rate versus discharge height.

Feature	Specification
Model Number	65343
Power	1200 W
Max. Flow Rate	6000 L/h

Feature	Specification
Max. Discharge Height	40 m
Max. Immersion Depth	12 m
Cable Length	10 m
Max. Particle Size	1 mm
Min. Water Level for Suction	34 mm
Protection Type	IPX8
Material	Plastic (Polypropylene), Stainless Steel
Item Weight	9 kg
Operating Temperature Range	1°C - 35°C

5. Setup and Installation

5.1 Connecting the Discharge Hose

The pump is compatible with various hose diameters. Ensure a secure connection to prevent leaks and maintain optimal flow.

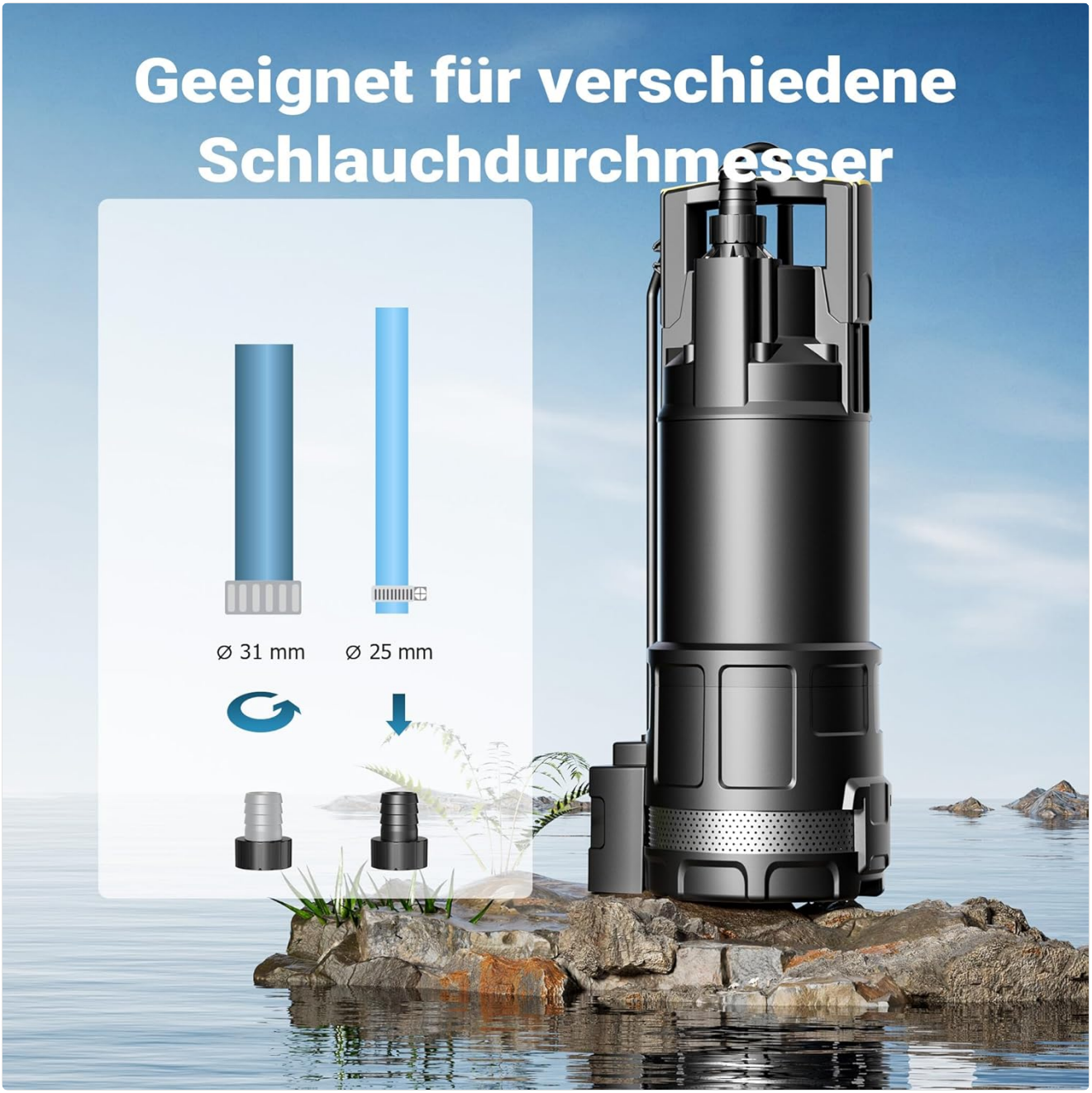


Image 5.1: This image illustrates the pump's compatibility with different hose diameters, specifically 31mm and 25mm, and shows the necessary adapters for connection.

1. Select a discharge hose of appropriate diameter (e.g., 25mm or 31mm) for your application.
2. Attach the hose connector to the pump's discharge outlet.
3. Secure the hose to the connector using a hose clamp (not included) to ensure a watertight seal.
4. Position the discharge end of the hose to direct water to the desired location.

5.2 Positioning the Pump

- Lower the pump into the water source using a sturdy rope attached to the pump's lifting eye. Do not use the power cable.
- Ensure the pump is placed on a stable, level surface at the bottom of the water source, or suspended so it does not rest directly on sediment.
- The pump must be fully submerged during operation. The maximum immersion depth is 12 meters.
- Ensure the float switch has sufficient space to move freely and activate/deactivate the pump based on water levels.

6. Operating Instructions

6.1 Power Connection

Once the pump is correctly positioned and the discharge hose is connected, plug the pump into a grounded electrical outlet. Ensure the outlet is protected by a Residual Current Device (RCD) for safety.

6.2 Automatic Operation (Float Switch)

The pump is equipped with a float switch for automatic operation. When the water level rises, the float switch will lift, turning the pump on. As the water level drops, the float switch will lower, turning the pump off. Adjust the float switch cable length to set the desired on/off water levels.

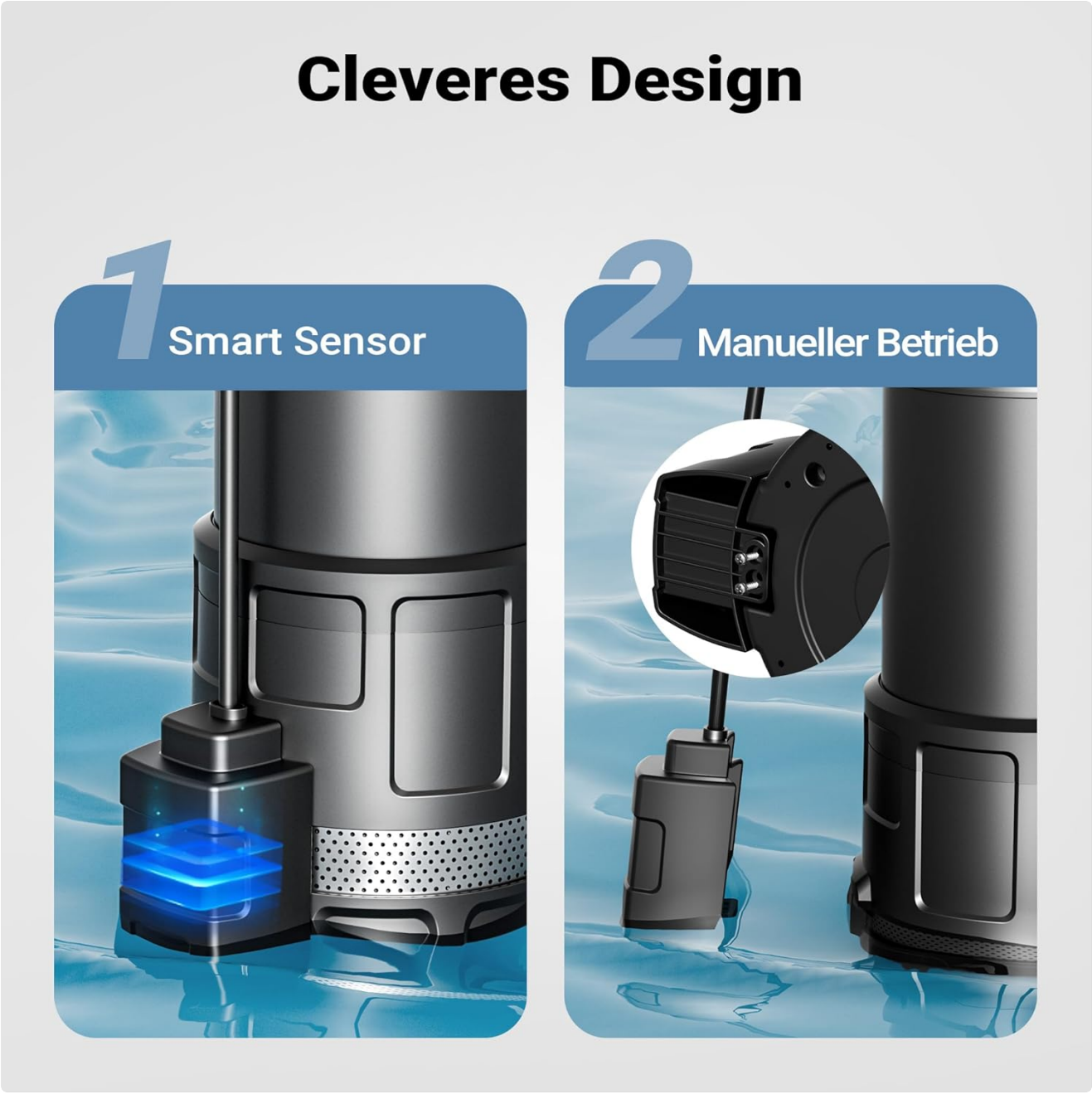


Image 6.1: This graphic depicts the two operating modes: 'Smart Sensor' (automatic via float switch) and 'Manual Operation', showing the float switch mechanism.

6.3 Manual Operation

For continuous pumping, the float switch can be secured in an upward position. This will keep the pump running regardless of the water level. **Caution:** When operating in manual mode, closely monitor the water level to prevent

dry running, which can damage the pump. The dry-run detector will provide protection, but manual oversight is recommended.

6.4 Dry-Run Protection and Thermoregulator

The pump features a dry-run detector that automatically shuts off the pump if the water level becomes too low, preventing damage. Additionally, a built-in thermoregulator protects the motor from overheating. If the pump stops unexpectedly, allow it to cool down for approximately 15-20 minutes before attempting to restart it.

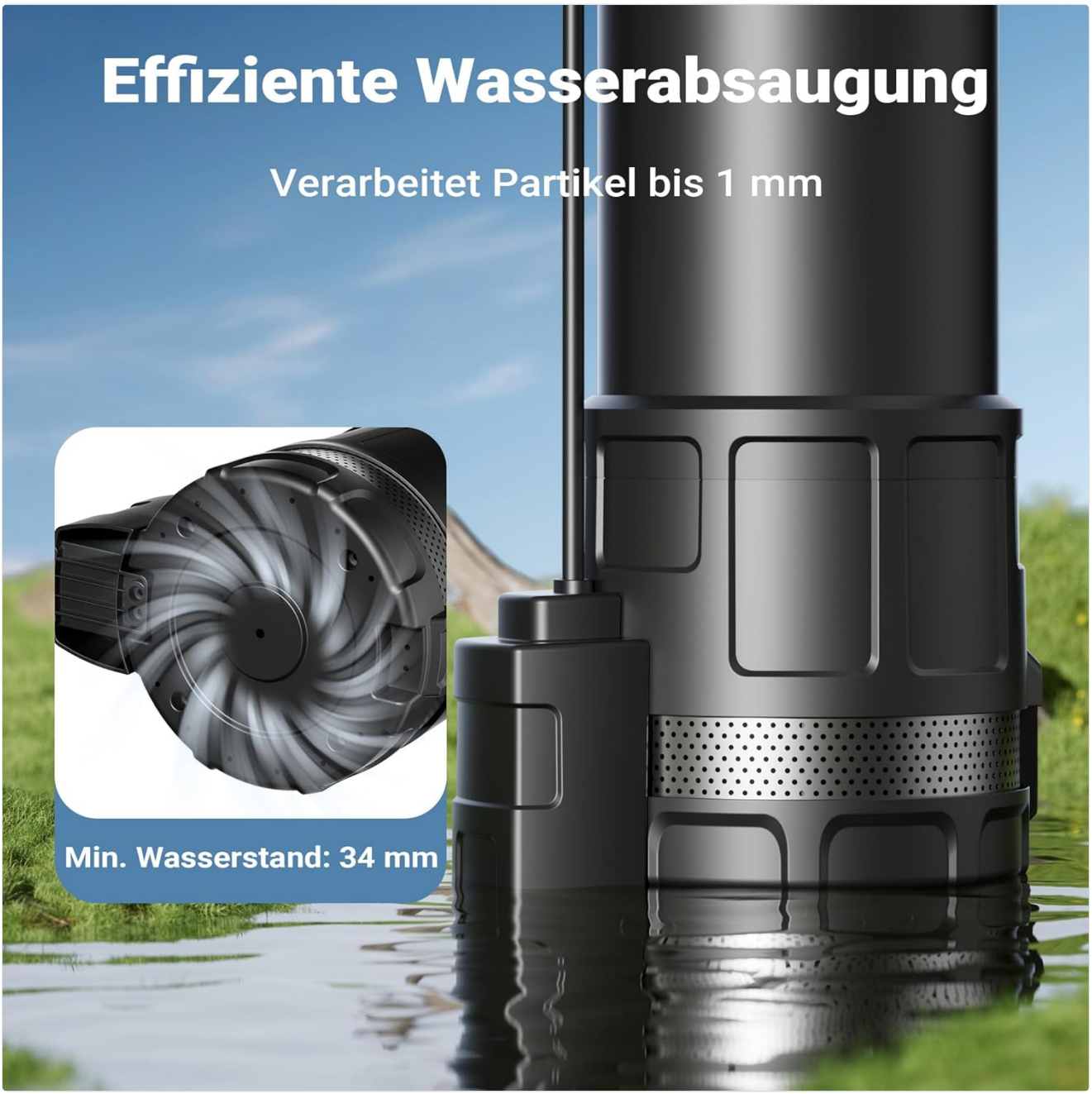


Image 6.2: This image highlights the pump's efficient water suction capability, processing particles up to 1mm, and indicates a minimum water level of 34mm for operation.

7. Maintenance

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

7.1 Cleaning

- **Before cleaning, always disconnect the pump from the power supply.**
- Rinse the pump with clean water after each use, especially if pumping dirty water, to prevent sediment

buildup.

- Inspect the intake screen for blockages. Remove any debris carefully.
- Check the float switch for free movement and clean any obstructions.

7.2 Storage

- If the pump will not be used for an extended period, or during freezing temperatures, drain all water from the pump and hoses.
- Store the pump in a dry, frost-free location.
- Coil the power cable neatly to prevent damage.

8. Troubleshooting

This section provides solutions to common problems you might encounter with your submersible pump.

Problem	Possible Cause	Solution
Pump does not start	No power supply Float switch not activated Overheating protection activated Impeller blocked	Check power connection and fuse Ensure float switch is free to move and in 'ON' position Allow pump to cool down (approx. 15-20 min) Disconnect power, clean intake screen and impeller
Pump runs but no water is discharged or flow is low	Air in pump/hose Discharge hose kinked or blocked Intake screen blocked Water level too low Pump not fully submerged	Ensure pump is fully submerged and allow air to escape Check and clear hose Disconnect power, clean intake screen Ensure water level is above minimum operating level Reposition pump to ensure full submersion
Pump stops during operation	Overheating protection activated Dry-run protection activated Float switch deactivated (water level too low)	Allow pump to cool down Check water level, ensure pump is submerged Check water level, adjust float switch if necessary
Excessive noise or vibration	Pump not stable Impeller damaged or blocked	Ensure pump is on a stable surface Disconnect power, inspect and clean impeller

9. Versatile Applications

The Wiltec 1200W Submersible Water Pump is suitable for a wide range of water transfer tasks, making it a versatile tool for both domestic and professional use.

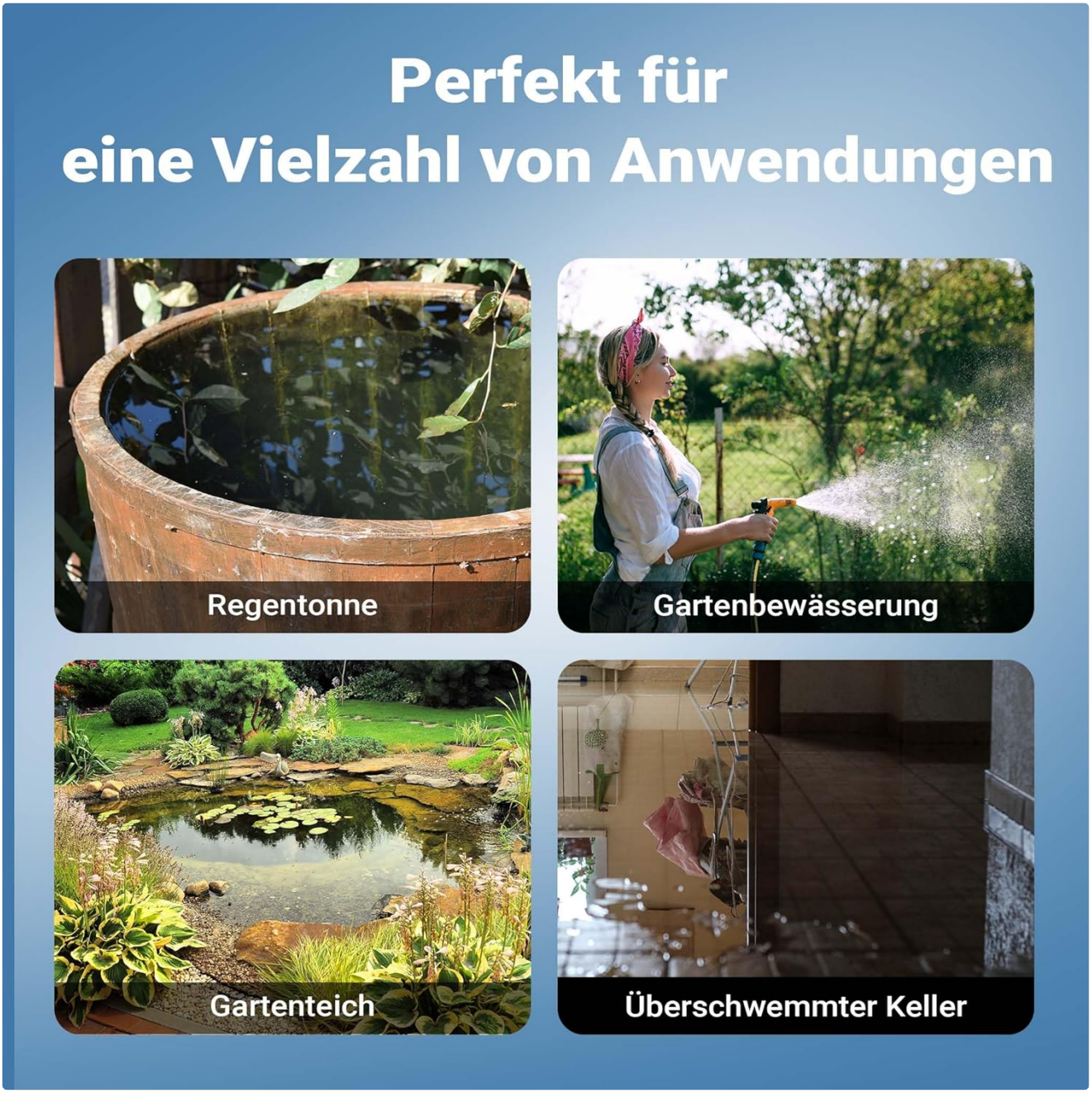


Image 9.1: This image displays several common applications for the pump, including emptying a rain barrel, garden irrigation, maintaining a garden pond, and dewatering a flooded cellar.

- **Dewatering:** Quickly remove water from flooded basements, construction sites, or other areas.
- **Garden Irrigation:** Utilize water from rain barrels, ponds, or wells for watering gardens and lawns.
- **Pond Maintenance:** Circulate or empty water from garden ponds.
- **Water Transfer:** Move water between tanks, containers, or other sources.

10. Warranty and Support

For warranty information, technical support, or spare parts, please contact Wiltec customer service or refer to the purchase documentation. Keep your proof of purchase for any warranty claims.