

Gardena 693079

Gardena Dirty Water Submersible Pump 20000 Instruction Manual

Model: 693079

INTRODUCTION

This instruction manual provides essential information for the safe and efficient operation, installation, and maintenance of your Gardena Dirty Water Submersible Pump 20000. Please read this manual thoroughly before using the pump and keep it for future reference. Proper use and care will ensure the longevity and optimal performance of your pump.

SAFETY INFORMATION

WARNING: Always disconnect the pump from the power supply before performing any maintenance, cleaning, or when moving the pump. Failure to do so can result in serious injury or electric shock.

- Ensure the power supply voltage matches the pump's specifications (230 volts).
- Do not operate the pump with a damaged power cord or plug.
- Never lift or carry the pump by its power cord. Use the integrated handle.
- This pump is designed for pumping dirty water. Do not use it for potable water, corrosive liquids, flammable substances, or wastewater containing textile fibers.
- Keep children and unauthorized persons away from the operating pump.
- Ensure the pump is fully submerged during operation to prevent overheating.

PRODUCT OVERVIEW

The Gardena Dirty Water Submersible Pump 20000 is designed for efficient removal of dirty water from various applications such as flooded basements, garden ponds, or construction sites. Its robust construction ensures reliable performance.



Figure 1: Gardena Dirty Water Submersible Pump 20000. This image displays the submersible pump with its integrated carrying handle, stainless steel housing, black base with a blue accent band, and the attached discharge elbow with a multi-step hose connector. The Gardena logo and "20000 DIRT" model designation are visible on the pump's body.

Key Components:

- **Carrying Handle:** For easy transport and positioning of the pump.
- **Pump Housing:** Durable construction, often featuring stainless steel elements for longevity.
- **Discharge Outlet:** Connection point for the discharge hose.
- **Multi-step Hose Connector:** Allows connection of hoses with various diameters.
- **Power Cable:** For electrical connection.
- **Float Switch (if applicable):** Automatically turns the pump on/off based on water level.

SETUP

- 1. Unpacking:** Carefully remove the pump and all accessories from the packaging. Inspect for any damage during transit.
- 2. Connecting the Discharge Hose:**
 - Attach a suitable discharge hose to the pump's discharge outlet. The multi-step hose connector allows for different hose diameters. Cut the connector to the desired diameter if necessary.
 - Secure the hose with a hose clamp (not included) to prevent leaks and disconnections during operation.
 - Ensure the hose is laid out without kinks or sharp bends to allow for unrestricted water flow.
- 3. Placement of the Pump:**
 - Place the pump on a stable, level surface in the area to be drained.
 - Ensure the pump's intake openings are not obstructed by debris.
 - For dirty water, ensure the pump is positioned so that it can effectively draw in solids up to its specified particle size.
- 4. Electrical Connection:**
 - Connect the pump to a properly grounded electrical outlet.
 - Verify that the power supply voltage matches the pump's requirements (230V).
 - Avoid using extension cords if possible. If an extension cord is necessary, ensure it is rated for outdoor use and has an adequate gauge for the pump's power requirements.

OPERATING INSTRUCTIONS

- 1. Initial Startup:**
 - Once the pump is placed and the hose is connected, ensure the pump is fully submerged in the water.
 - Plug the pump into the electrical outlet. The pump should start automatically if equipped with a float switch set to the "on" position, or manually if it has a direct power switch.
- 2. Automatic Operation (if applicable):**
 - If your pump features an adjustable float switch, position it to the desired ON and OFF water levels. The pump will activate when the water reaches the ON level and deactivate when it drops to the OFF level.
 - Regularly check the float switch for free movement and ensure it is not obstructed.
- 3. Manual Operation:**
 - For continuous operation or to drain water below the float switch's minimum level, some models allow for manual mode. Refer to your specific pump's controls for manual activation.
 - In manual mode, monitor the water level to prevent the pump from running dry, which can cause damage.
- 4. Shutting Down:**
 - Once the desired water level is reached or the task is complete, unplug the pump from the power outlet.
 - Remove the pump from the water.

MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your Gardena pump. Always disconnect the pump from the power supply before any maintenance.

- **Cleaning the Pump:**

- After each use, especially with dirty water, rinse the pump thoroughly with clean water.
- Check the intake screen for debris (leaves, mud, small stones) and remove any blockages. A clogged intake screen can reduce pump performance and cause overheating.
- Inspect the impeller area for any foreign objects. If accessible, carefully remove them.

- **Inspecting the Power Cable:**

- Periodically check the power cable and plug for any signs of damage, cuts, or fraying. If damaged, have it repaired by a qualified electrician.

- **Winter Storage:**

- Before the first frost, thoroughly clean the pump and drain all water from it.
- Store the pump in a dry, frost-free location.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not start.	No power supply. Float switch not activated. Impeller blocked.	Check power connection and fuse. Adjust float switch position or check for obstruction. Disconnect power, clean impeller area.
Pump runs but delivers no water or low flow.	Intake screen clogged. Air in pump. Discharge hose kinked or blocked. Water level too low.	Disconnect power, clean intake screen. Submerge pump fully, tilt slightly to release air. Check and clear hose. Ensure pump is adequately submerged.
Pump stops during operation.	Overheating (thermal protection activated). Float switch deactivated. Power interruption.	Disconnect power, allow pump to cool down. Check for blockages. Check float switch position and water level. Check power supply.

If you encounter problems not listed here or if the suggested solutions do not resolve the issue, please contact Gardena customer support.

SPECIFICATIONS

Feature	Detail
Brand	Gardena
Model Number	693079
Product Dimensions	9.25 x 10.83 x 17.52 inches
Item Weight	16.72 pounds
Power Source	Corded Electric
Voltage	230 Volts

Feature	Detail
Material	Plastic
Style	Submersible
Included Components	Submersible Pump, Manual

WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or visit the official Gardena website. For technical support, spare parts, or service inquiries, please contact Gardena customer service.

[Visit Gardena Official Website](#)

