

Geko G81419

Geko G81419 WC Sewage Pump 600W Instruction Manual

Model: G81419 | Brand: Geko

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Geko G81419 WC Sewage Pump 600W. Please read these instructions carefully before using the product and retain them for future reference. The Geko G81419 is designed for durability and solid performance in handling wastewater from WC installations.



2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent injury and damage to the product.

- **Electrical Safety:** Ensure the power supply matches the pump's specifications (230V, 50Hz). Always disconnect the pump from the power supply before performing any installation, maintenance, or cleaning. Do not operate the pump with a damaged power cord or plug.
- **Intended Use:** This pump is designed *exclusively for pumping wastewater containing human feces and toilet paper* from a WC. Do not use it for pumping other liquids, chemicals, or solid objects.
- **Foreign Objects: WARNING:** Do not flush or allow foreign objects such as sanitary products, wet wipes, textiles, plastics, or any non-biodegradable materials into the WC connected to this pump. Such items can cause severe blockages and damage to the pump's macerating mechanism.
- **Installation:** Installation must be performed by a qualified professional in accordance with local plumbing and electrical regulations. Ensure proper ventilation and access for maintenance.
- **Water Temperature:** Do not pump liquids exceeding 35°C (95°F).
- **Children and Pets:** Keep children and pets away from the pump and its operating area.



Figure 2: Warning Label on Pump (emphasizing use for feces and toilet paper only)

3. PACKAGE CONTENTS

Upon unpacking, please verify that all components are present and undamaged:

- Geko G81419 WC Sewage Pump 600W
- Inlet/Outlet connection fittings
- Non-return valve (if supplied separately)

- Instruction Manual

4. SETUP AND INSTALLATION

Proper installation is crucial for the pump's performance and longevity. Consult a qualified plumber for installation.

1. **Positioning:** Place the pump on a firm, level surface behind the WC. Ensure there is adequate space for connections and future maintenance.
2. **WC Connection:** Connect the WC outlet directly to the pump's main inlet. Ensure a watertight seal using appropriate clamps and gaskets.
3. **Additional Inlets:** If connecting other sanitary appliances (e.g., washbasin, shower), use the provided smaller inlet connections. Ensure all unused inlets are securely capped.
4. **Discharge Pipe Connection:** Connect the pump's discharge outlet to the main drainage system. The discharge pipe should have a minimum diameter as specified in local regulations and by the pump manufacturer. Install a non-return valve on the discharge pipe if not integrated into the pump.



Figure 3: Top View with Connection Points

5. **Ventilation:** Ensure the pump is adequately ventilated.
6. **Electrical Connection:** Connect the pump to a grounded electrical outlet (230V, 50Hz) protected by a Residual Current Device (RCD). Do not use extension cords.
7. **Initial Test:** After all connections are secure, turn on the water supply to the WC and flush. Observe the pump's operation for any leaks or unusual noises.



Figure 4: Auxiliary Inlet Connections



Figure 5: Example Pipe Connectors with Flow Direction Indicator

5. OPERATING INSTRUCTIONS

The Geko G81419 pump operates automatically.

- **Automatic Operation:** Once properly installed and connected to power, the pump will automatically activate when wastewater enters the unit and reaches a predetermined level. The macerating blades will activate to liquefy solids, and the pump will then discharge the wastewater.
- **Normal Sound:** A brief operating sound is normal during the pumping cycle.
- **Power Supply:** Ensure the pump remains connected to a continuous power supply for automatic operation.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your pump.

- **Disconnect Power:** Always disconnect the pump from the electrical supply before any maintenance or cleaning.
- **Regular Cleaning:** Periodically clean the exterior of the pump with a damp cloth. Do not use abrasive cleaners or solvents.
- **Internal Cleaning (Professional):** For internal cleaning or descaling, it is recommended to contact a qualified service technician. Avoid using harsh chemical drain cleaners, as they can damage internal components.
- **Inspection:** Periodically check all connections for leaks and ensure the power cord is undamaged.
- **Prevent Blockages:** Reiterate the warning against flushing foreign objects. This is the most common cause of pump failure.

7. TROUBLESHOOTING

Before contacting service, review these common issues and solutions.

Problem	Possible Cause	Solution
Pump does not start	No power supply Thermal overload activated Float switch jammed	Check power connection and circuit breaker Allow pump to cool down (approx. 30 min) Inspect for obstructions preventing float movement
Pump runs continuously	Float switch jammed in 'on' position Non-return valve faulty Leak in discharge pipe	Inspect for obstructions Check and replace non-return valve Inspect discharge pipe for leaks
Pump is noisy or vibrates excessively	Foreign object in macerator Improper installation/mounting	Disconnect power and inspect for foreign objects <i>(professional service recommended)</i> Ensure pump is on a stable, level surface and connections are secure
Water not discharging	Discharge pipe blocked Pump motor failure	Check discharge pipe for blockages Contact qualified service personnel

If problems persist after attempting these solutions, contact a qualified service technician.

8. SPECIFICATIONS

Feature	Specification
Brand	Geko
Model Number	G81419
Power	600W
Item Type Name	Geko Wc Sewage Pump 600W
Item Weight	7.8 Kilograms
Manufacturer	Firma Handlowa GEKO
GTIN	05901477129599

9. WARRANTY

This product is covered by a manufacturer's warranty. Please refer to your purchase documentation or contact your retailer for specific warranty terms and conditions. Keep your proof of purchase for any warranty claims.

10. SUPPORT

For technical assistance, spare parts, or service inquiries, please contact your retailer or the manufacturer directly. Provide the model number (G81419) and a detailed description of the issue when seeking support.