

Fiqops 700W

Fiqops 700W Macerator Wastewater Pump User Manual

Model: 700W | Brand: Fiqops

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Fiqops 700W Macerator Wastewater Pump. Please read these instructions carefully before use and retain them for future reference.

The Fiqops 700W household pump is designed to manage wastewater from various domestic fixtures. It can effectively pump wastewater from sinks, bidets, showers, urinals, and condensate generators. Its compact design allows for flexible installation, such as under a sink, behind a toilet, beneath a raised shower tray, or within a bathtub enclosure. An integrated activated carbon filter helps to neutralize odors, ensuring a fresh environment.



Toilet



Sink



Shower Room



Washer Machine

Image 1.1: The Fiqops 700W Macerator Pump is suitable for various household wastewater applications including toilets, sinks, showers, and washing machines.

2. SAFETY INSTRUCTIONS

- Always disconnect the power supply before performing any installation, maintenance, or repair work.
- Ensure the electrical supply matches the specifications of the pump (220-240V, 50Hz).
- The pump must be installed by a qualified professional in accordance with local plumbing and electrical regulations.
- Do not dispose of foreign objects (e.g., sanitary products, wet wipes, large food scraps) into fixtures connected to the macerator pump, as this can cause blockages and damage.
- Ensure proper ventilation around the pump to prevent overheating.

- The pump is designed for domestic wastewater only. Do not use it for industrial waste, chemicals, or flammable liquids.
- Operating water temperature should be between 1°C and 90°C.

3. PACKAGE CONTENTS

Please check that all items are present and undamaged upon unpacking:

- 1 x Fiqops 700W Lifting System (Macerator Pump)
- 3 x Stoppers
- 1 x Activated Carbon Filter
- 1 x Check Valve
- 1 x Hose Clamp (90-110 mm)
- 4 x Hose Clamps (32-50 mm)
- 1 x Hose Clamp (110-120 mm)



Image 3.1: Overview of the Fiqops 700W Macerator Pump and its accompanying accessories, including various hose clamps and stoppers.

4. SPECIFICATIONS

Feature	Specification
Model	700W
Input Power	700 W
Voltage/Frequency	220-240 V, 50 Hz
Flow Rate	190 liters per minute
Max Vertical Lift	9 m
Max Horizontal Discharge	90 m
Operating Water Temperature	1 to 90 °C
Safety Class	IPX4
Noise Level	39 dB
Product Dimensions (L x W x H)	42 x 28 x 17 cm
Material	Plastic and Stainless Steel
Inlet Pipe Connection (Inner/Outer Dia.)	40 mm / 50 mm
Outlet Pipe Connection (Inner/Outer Dia.)	100 mm / 106 mm



Image 4.1: Dimensional diagram of the Fiqops 700W Macerator Pump, indicating key measurements for installation planning.

5. SETUP AND INSTALLATION

- 1. Placement:** Position the macerator pump in a location that allows for easy connection to the wastewater fixtures and the main drainage system. Ensure it is accessible for future maintenance. The pump can be installed under a sink, behind a toilet, or within a cabinet.
- 2. Inlet Connections:** Connect the wastewater outlets from your fixtures (e.g., shower, sink, washing machine) to the four available inlet ports on the pump. Use the provided hose clamps (32-50 mm) to secure these connections. The inner diameter of the inlet opening is 40 mm, and the outer diameter of the inlet connection is 50 mm.
- 3. Outlet Connection:** Connect the pump's discharge outlet to your main drainage system. Ensure the check valve is installed correctly in the discharge line to prevent backflow. Use the appropriate hose clamps (90-110 mm or 110-120 mm) for a secure fit. The inner diameter of the outlet pipe connection is 100 mm, and the outer diameter is 106 mm.
- 4. Ventilation:** Ensure the activated carbon filter is properly installed to manage odors.

5. **Electrical Connection:** Connect the pump to a grounded electrical outlet (220-240V, 50Hz). Ensure the circuit is protected by a residual current device (RCD).
6. **Testing:** After installation, run water through the connected fixtures to test for leaks and proper pump operation.



Image 5.1: Detailed views of the pump's connection points, including the inlet and outlet ports, crucial for correct installation.



Image 5.2: Example installation of the Fiqops 700W Macerator Pump discreetly placed behind a toilet, demonstrating its compact integration.

6. OPERATING INSTRUCTIONS

The Fiqops 700W Macerator Wastewater Pump operates automatically. Once connected and powered, it will activate when wastewater enters the unit, grinding solids and pumping the liquid to the main drainage system. The pump is designed for quiet operation, producing only 39 dB during use, minimizing disturbance in your household.

Energiesparend, Leistungsstark



Komfortabel und leise, Vollautomatisch

Image 6.1: The pump in operation, demonstrating its powerful macerating and pumping capabilities while maintaining quiet performance.

7. MAINTENANCE

- **Regular Inspection:** Periodically check all connections for leaks and ensure hose clamps are secure.
- **Cleaning:** If the pump's performance decreases or unusual noises occur, it may require cleaning. Disconnect power before attempting any cleaning. Consult a professional if you are unsure.
- **Activated Carbon Filter:** The integrated activated carbon filter helps prevent odors. Replace the filter as needed, typically every 6-12 months, depending on usage.
- **Winterization:** If the pump is installed in an area prone to freezing temperatures, ensure it is drained and protected from frost damage during winter months.

8. TROUBLESHOOTING

If you experience issues with your Fiqops 700W Macerator Wastewater Pump, consider the following common problems:

- **Pump not starting:** Check the power supply and ensure the pump is properly plugged in. Verify that the circuit breaker has not tripped.
- **Pump running continuously:** This could indicate a blockage or a faulty pressure switch. Disconnect power and inspect for obstructions in the inlet or macerator blades.
- **Unusual noises:** Foreign objects may have entered the pump. Disconnect power immediately and seek professional assistance to remove any obstructions.
- **Leaks:** Check all hose connections and ensure they are tightened securely. Inspect seals and gaskets for damage.
- **Odors:** Ensure the activated carbon filter is correctly installed and not saturated. Replace if necessary.

For problems not resolved by these steps, please contact a qualified technician or customer support.

9. WARRANTY AND SUPPORT

Warranty information for the Fiqops 700W Macerator Wastewater Pump is typically provided with your purchase documentation. Please refer to the specific warranty terms and conditions included in your product packaging or contact your retailer for details.

For technical support or service inquiries, please contact Fiqops customer service through the contact information provided at the point of purchase or on the official Fiqops website.