

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [HOCANFLO](#) /

› [HOCANFLO 300W Macerating Pump Instruction Manual](#)

HOCANFLO 300W

HOCANFLO 300W Macerating Pump Instruction Manual

Model: 300W | Brand: HOCANFLO

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your HOCANFLO 300W Macerating Pump. Please read these instructions carefully before use and retain them for future reference.

The HOCANFLO 300W Macerating Pump is designed to facilitate the installation of a new bathroom or utility area where traditional gravity drainage is not feasible. It effectively grinds and pumps wastewater from toilets, sinks, showers, bidets, and washing machines to the main drainage system.

Key features include:

- **Powerful Motor:** Upgraded 300W strong and quiet power, powerful electric motor with internal copper wires, featuring silent and clog-free stainless steel blades.
- **Multiple Connections:** 3 additional water inlets offer the possibility to connect a sink, shower, urinal/bidet, and a toilet.
- **Lower Consumption:** More power compared to the 250W model, with lower consumption. Highly reliable, easily adapts to almost all installations.
- **Manual Control:** A manual switch is located on the top. If product maintenance is required, press the manual switch to drain water from the pump in time, preventing bathroom flooding.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the unit:

- Ensure the power supply matches the specifications of the pump (220-240V AC, 50Hz).
- Always disconnect the power supply before performing any installation, maintenance, or troubleshooting.
- Do not operate the pump if the power cord is damaged. Contact qualified personnel for repair.
- The pump is designed for domestic wastewater. Do not use it for corrosive chemicals, flammable liquids,

or large solid objects.

- The maximum liquid temperature is 100°C, but for continuous operation, it is recommended not to exceed 60°C.
- Ensure proper ventilation around the unit.
- Install the unit in a location where it is protected from freezing temperatures.
- All plumbing and electrical connections must comply with local regulations and standards.

3. PRODUCT OVERVIEW



Figure 1: HOCANFLO 300W Macerating Pump, front view.



Figure 2: Dimensions of the HOCANFLO 300W Macerating Pump (approx. 29cm length, 17.5cm height, 16cm width).

Components (Mounting Kit)

The macerating pump typically includes the following components for installation:

- Non-return valves (x2)
- Blind plugs for toilet inlet (x1)
- Blind plugs for additional inlets (x2)
- Hose clamps (32-50 mm) (x7)
- Hose clamp (90-120 mm) (x1)
- Rubber feet (x1 set)

4. SPECIFICATIONS

Feature	Specification
---------	---------------

Feature	Specification
Manufacturer	Hocanflo
Model/Style	300W
Power Source	Corded Electric
Input Voltage	220-240 V AC, 50 Hz
Normal Rated Power	300 W
Maximum Flow Rate	100 Liters per minute
Maximum Vertical Lift Height	5 meters
Maximum Horizontal Pump Distance	60 meters
Max. Liquid Temperature	100 °C (60 °C for continuous use)
Noise Level	39 dBA
Protection Rating	IPX4
Material	Copper
Color	White
Product Weight	5.47 kg
Package Dimensions	36 x 27.4 x 20.5 cm

5. INSTALLATION

Proper installation is crucial for the optimal performance and longevity of your macerating pump. Refer to the diagrams and video below for visual guidance.

5.1 Placement

Position the pump close to the toilet and other sanitary appliances it will serve. Ensure there is sufficient space for connections and future maintenance. The unit should be placed on a stable, level surface.

5.2 Connecting Appliances

The HOCANFLO 300W pump is designed to connect to a toilet and up to three additional sanitary appliances (e.g., sink, shower, bidet, washing machine). Use the provided fittings and hose clamps to secure all connections, ensuring they are watertight.

EXTENSIVE USE

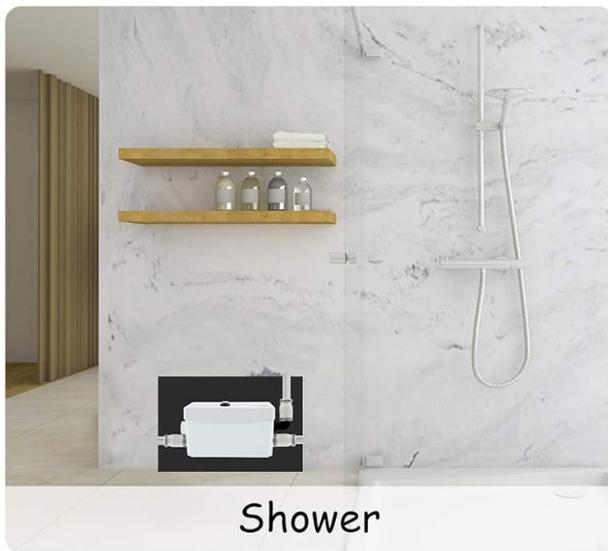


Figure 3: Diagram illustrating the connection of various sanitary appliances to the macerating pump.

5.3 Discharge Pipe Connection

Connect the discharge pipe from the pump to your main drainage system. Ensure the pipe run includes a vertical section for proper operation and that the pipe diameter is appropriate for the pump's output. The pump can lift water up to 5 meters vertically and pump up to 60 meters horizontally.

Pumps Up To 19.6FT Meters Vertically and 196FT Meters Horizontally

(Depending on pipe size)

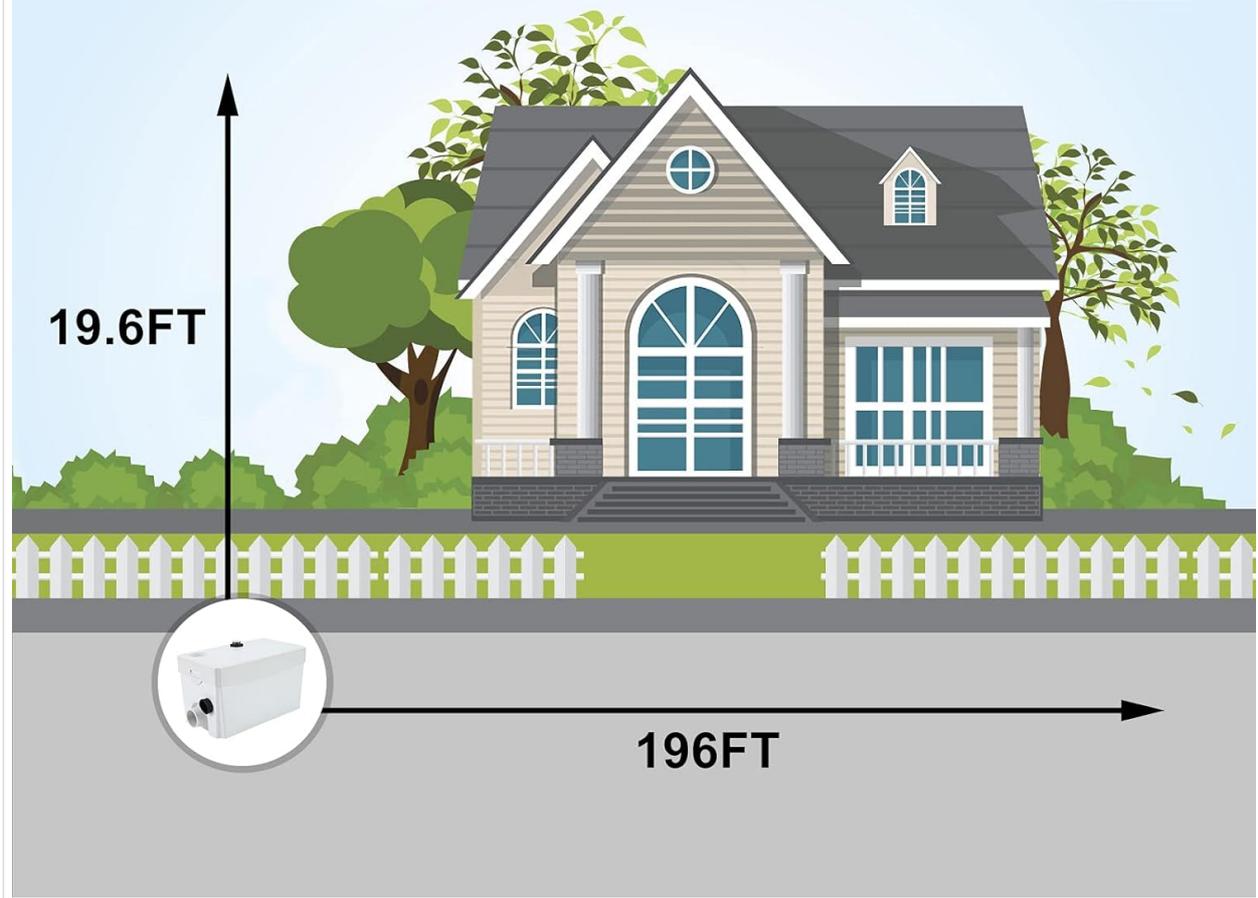


Figure 4: Pumping capabilities, showing maximum vertical and horizontal distances.

5.4 Electrical Connection

Plug the pump into a grounded electrical outlet (220-240V AC, 50Hz). Ensure the outlet is protected by a Residual Current Device (RCD) for safety.

5.5 Installation Video Guide

Your browser does not support the video tag.

Video 1: This video demonstrates the installation steps for a macerating pump, including connecting the toilet and other sanitary inputs, and the discharge pipe. It also highlights the internal stainless steel blades for maceration and the automatic pumping process.

6. OPERATION

The HOCANFLO 300W Macerating Pump operates automatically. When wastewater enters the unit, a float switch activates the motor, which grinds solids and pumps the liquid away. The pump will stop automatically once the water level drops.

6.1 Manual Control

A manual switch is located on the top of the unit. This switch can be used to manually activate the pump, which is useful for draining the unit during maintenance or in case of an emergency. To activate, simply press the manual switch. Ensure the power is disconnected before any internal maintenance.



Figure 5: Examples of extensive use, showing the pump connected to various bathroom and utility fixtures.

7. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your macerating pump.

- **Regular Cleaning:** Periodically clean the exterior of the unit. Do not use abrasive cleaners.
- **Check Connections:** Regularly inspect all inlet and outlet connections for leaks or signs of wear. Tighten hose clamps if necessary.
- **Avoid Blockages:** Do not flush foreign objects (e.g., sanitary products, wet wipes, excessive paper) down the toilet or drain connected to the macerator, as this can cause blockages and damage the blades.
- **Descaling:** In areas with hard water, periodic descaling may be necessary. Use a descaling product specifically designed for macerating pumps and follow the manufacturer's instructions. Always disconnect power before descaling.
- **Winterization:** If the unit is installed in an unheated area, ensure it is drained and protected from freezing during cold periods.

8. TROUBLESHOOTING

Before contacting customer support, perform the following basic checks:

- **Pump Not Starting:**

- Check if the unit is plugged in and the power supply is active.
- Verify that the circuit breaker has not tripped.
- Ensure the float switch is not obstructed and can move freely.

- **Unusual Noise/Vibration:**

- Disconnect power and check for foreign objects inside the macerator chamber (e.g., hair, small debris).
- Ensure the unit is placed on a stable surface and not vibrating against walls or pipes.

- **Leaks:**

- Inspect all pipe connections and hose clamps for tightness.
- Check for cracks or damage to the unit casing.

- **Pump Runs Continuously:**

- Check if the float switch is stuck in the 'on' position.
- Ensure there is no continuous water flow into the unit.

If the issue persists after performing these checks, please contact customer support.

9. WARRANTY AND CUSTOMER SUPPORT

The HOCANFLO 300W Macerating Pump comes with a one-year warranty.

HOCANFLO is committed to providing quality products and excellent service to our customers. If you have any questions, require technical assistance, or need to claim warranty service, please send us an email. We aim to respond to all inquiries within 12 hours.

For support, please refer to the contact information provided with your purchase or on the official HOCANFLO website.