

Manuals+

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

manuals.plus /

- › [HOCANFLO](#) /
- › [HOCANFLO 500W Macerating Upflush Toilet System Instruction Manual](#)

HOCANFLO HOCANFLO 500W Macerating Upflush Toilet System

HOCANFLO 500W Macerating Upflush Toilet System Instruction Manual

Model: HOCANFLO 500W Macerating Upflush Toilet System

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your HOCANFLO 500W Macerating Upflush Toilet System. This system is designed for the renovation of small spaces, including basements, attics, and garages, allowing for the installation of a complete bathroom where traditional gravity drainage is not feasible. The powerful 500W macerator pump efficiently grinds and pumps waste, while the activated carbon deodorization function helps maintain an odor-free environment.

2. SAFETY INFORMATION

Please read all safety warnings and instructions carefully before installing or operating the unit. Failure to follow these instructions may result in electric shock, fire, or serious injury. Keep this manual for future reference.

- Ensure the power supply is disconnected before any installation or maintenance.
- The unit must be properly grounded.
- Do not dispose of foreign objects (e.g., sanitary products, wipes, excessive paper) into the toilet, as this can cause blockages and damage the macerator.
- Do not operate the pump if it is damaged or if any parts are missing.
- Only qualified personnel should perform electrical connections and complex plumbing.

3. PACKAGE CONTENTS

Your HOCANFLO Macerating Upflush Toilet System includes the following components:

- Macerator Pump (500W)
- Toilet Tank
- Round Toilet Bowl
- Toilet Seat (slow-close)
- Necessary connection pipes and clamps

- Activated carbon filter (for deodorization)



Figure 3.1: Components of the HOCANFLO 500W macerator pump system, including the pump unit, various pipes, clamps, and a filter, which are included for installation.

4. SPECIFICATIONS

Feature	Detail
Brand	HOCANFLO
Color	Beige
Material	Ceramic
Product Dimensions	14"D x 10"W x 16"H
Installation Type	Floor Mounted
Macerator Pump Power	500W
Max Horizontal Pumping Distance	328 ft

Max Vertical Pumping Distance	29.5 ft
Water Inlets	4 (for toilet, sink, urinal, hand basin, or bath)
Flush Volume	1.6 GPF (Gallons Per Flush)

PERFECT COMFORT HEIGHT FOR YOU



Figure 4.1: Precise measurements for the HOCANFLO macerating toilet, including overall dimensions and specific seat dimensions, to assist with planning and installation.

5. SETUP & INSTALLATION

The HOCANFLO macerating toilet system is designed for relatively easy installation without the need to break the floor for traditional piping. Follow these general guidelines:

- **Placement:** Position the macerator pump unit near the toilet and other sanitary devices you intend to connect.
- **Connections:** The pump features 4 water inlets, allowing connection to a toilet, sink, urinal, hand basin, or bath. Ensure all connections are secure and watertight using the provided clamps.
- **Drainage:** The pump can discharge waste up to 328 ft horizontally or 29.5 ft vertically. Ensure the drainage pipe has a slight slope (2%-3%) for optimal flow if running horizontally.
- **Electrical:** Connect the pump to a suitable power outlet. The pump operates automatically based on water level

detection.



02

Install the pump behind the wall

01

Install the pump behind the toilet directly



Figure 5.1: Two common installation methods for the HOCANFLO macerator pump: either directly positioned behind the toilet or concealed behind a wall for a more discreet setup.

Video 5.1: This video demonstrates the HOCANFLO macerating pump's versatility, showing its application in renovating small spaces like basements, attics, and garages. It highlights how the pump connects to a toilet, shower, and sink, and features the activated carbon deodorizing function to keep the bathroom odor-free.

Video 5.2: This video illustrates the internal working principle of the HOCANFLO macerating pump. It shows how the pump grinds waste and pumps it through the drainage system, demonstrating the efficiency and functionality of the maceration process.

Connection Options

The macerator pump offers flexible connection plans to suit various bathroom setups:

- **Plan A:** Connect toilet, shower, and sink or washing machine simultaneously.
- **Plan B:** Connect shower and sink or washing machine. If the toilet connection is not needed, a special lid is provided

to seal the water inlet.

- **Plan C:** Connect only a shower or washing machine. Unused inlets should be plugged with the provided lids.



Figure 5.2: This diagram illustrates the versatility of the HOCANFLO macerator pump, showing its ability to connect to and manage waste from multiple sanitary devices including a toilet, sink, shower, and washing machine, featuring a discharge outlet with a check valve.

Video 5.3: This video outlines various connection plans for the HOCANFLO macerating pump. Plan A shows connection to a toilet, shower, and sink/washing machine. Plan B demonstrates connecting a shower and sink/washing machine without a toilet. Plan C illustrates connecting only a shower or washing machine, detailing how to cap unused inlets. This helps users understand flexible installation options.

6. OPERATING INSTRUCTIONS

The HOCANFLO macerating toilet system operates automatically:

- **Flushing:** When the toilet is flushed, the water pressure activates the internal water level switch.
- **Maceration:** The 500W macerator pump then automatically activates, grinding human waste into a fine slurry using its stainless steel non-clog blades. This process is designed for low noise operation.

- **Pumping:** The slurry is then pumped through the drainage pipes to the septic tank or main sewer line.
- **Deodorization:** The system incorporates an activated carbon filter to neutralize odors, ensuring the bathroom remains odor-free.



Figure 6.1: This diagram illustrates the powerful flushing mechanism of the HOCANFLO macerating toilet. It shows the high-speed pressurized water from the tank, the high-quality nano glaze for easy maintenance, and the system designed to prevent blockages.

7. MAINTENANCE

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

- **Cleaning:** Clean the toilet bowl and exterior regularly with non-abrasive cleaners. Avoid harsh chemicals that could damage the internal components.
- **Activated Carbon Filter:** The macerator pump uses an activated carbon filter for deodorization. This filter should be checked periodically and replaced as needed to maintain optimal odor control.
- **Inspection:** Periodically inspect all pipe connections for leaks and ensure the pump unit is free from obstructions.

Activated Carbon Deodorization



Figure 7.1: This image demonstrates the activated carbon deodorization feature of the HOCANFLO macerator pump, showing how the carbon filter is inserted to maintain an odor-free bathroom environment.

8. TROUBLESHOOTING

If you encounter issues with your HOCANFLO Macerating Upflush Toilet System, consider the following common troubleshooting steps:

- **No Power:** Check the electrical connection and ensure the circuit breaker has not tripped.
- **Pump Not Activating:** Verify that the water level switch is functioning correctly. Ensure no blockages are preventing water from reaching the switch.
- **Unusual Noises:** This could indicate a foreign object in the macerator blades. Disconnect power immediately and inspect the pump (refer to safety guidelines).
- **Leaks:** Check all pipe connections and clamps for tightness. Ensure seals are properly seated.
- **Odors:** Replace the activated carbon filter if odors persist. Ensure proper ventilation in the bathroom.

For persistent problems or issues not covered here, please contact customer support.

9. WARRANTY & SUPPORT

HOCANFLO provides comprehensive support for your product:

- **Manufacturer Support:** 1-year support for replacement of parts.
- **Manufacturer Warranty:** 2-year warranty for repair.

If you have any concerns or issues during installation or operation, please email us. We aim to respond within 12 hours.

10. CERTIFICATIONS

The HOCANFLO Macerating Upflush Toilet System has undergone rigorous testing to ensure quality and compliance.

Test item	
Description.....	: toilet
Trademark.....	: HOCANFLO
Model and/or type reference.....	: FLO-JLF,FLO-JLF500, FLO-JLF700,FLO-JLF850, FLO-LS500, FLO-LS700, FLO-LS800, FLO-LS850, FLO-MY500, FLO-MY700, FLO-MY800,FLO-MY850, WC50,FLO-MT12,FLO-MT24
Model differences.....	: All models are identical except for model No and enclosure Colour . After comparison, tests carried out on model FLO-JLF were considered
Manufacturer.....	: HOCANFLO
Address.....	: 3F, No.11, Gajia Road, Chengdong Sub-area, Shengzhou Economic Development Zone, China

ShenZhen SJS Testing Technology Co., Ltd.
Room 405, No.6095-2, Bao'an Road, Qiaotou Community,Fuhai Subdistrict,Bao'an District,Shenzhen,Guangdong, China
Telephone: +86 (0) 755 2778 4461 Fax: +86 (0) 755 2778 4461 E-Mail: service@sjslab.com



Plumbing Fitting Type		
<input type="checkbox"/> Prison-Type Urinal <input type="checkbox"/> Trough-Type Urinal <input type="checkbox"/> Vacuum-Type Urinal <input type="checkbox"/> Waterless Urinal <input type="checkbox"/> Wall-mounted Urinal <input type="checkbox"/> Other Type Urinal <input type="checkbox"/> Blowout Water Closet <input type="checkbox"/> Dual-Flush Water Closet	<input type="checkbox"/> Electromechanical Hydraulic <input type="checkbox"/> Flushometer Valve Water <input checked="" type="checkbox"/> Gravity Tank-Type Water <input type="checkbox"/> Prison-Type Water Closet <input type="checkbox"/> Wash Fountain <input type="checkbox"/> Flushometer Tank Water Closet <input type="checkbox"/> Vacuum-Type Water Closet	
General product information:		
The product covered by this report is a household, indoor use,toilet.		
Testing:		
Date of receipt of test item.....	2024-03-04	
Date (s) of performance of tests..:	2024-03-04 to 2024-03-11	
Copy of marking plate:		
<table border="1"> <tr> <td> toilet Model:FLO-JLF HOCANFLO 3F, No.11, Gajia Road, Chengdong Sub-area, Shengzhou Economic Development Zone, China Date:2024.03 Made in China </td> </tr> </table>		toilet Model:FLO-JLF HOCANFLO 3F, No.11, Gajia Road, Chengdong Sub-area, Shengzhou Economic Development Zone, China Date:2024.03 Made in China
toilet Model:FLO-JLF HOCANFLO 3F, No.11, Gajia Road, Chengdong Sub-area, Shengzhou Economic Development Zone, China Date:2024.03 Made in China		

Figure 10.1: A section of the official test report for the HOCANFLO toilet, providing details on product specifications, manufacturer information, and the dates of testing, confirming compliance and quality.

