

HOCANFLO 700PRO

HOCANFLO 700PRO Macerator Pump Instruction Manual

Model: 700PRO | Brand: HOCANFLO

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your HOCANFLO 700PRO Macerator Pump. Please read all instructions carefully before beginning installation or use. Retain this manual for future reference.

2. PRODUCT OVERVIEW AND FEATURES

The HOCANFLO 700PRO Macerator Pump is designed for efficient waste water management in residential applications, particularly where traditional gravity drainage is not feasible. It allows for the installation of toilets, sinks, and showers in basements, garages, or other areas without direct access to a main sewer line.

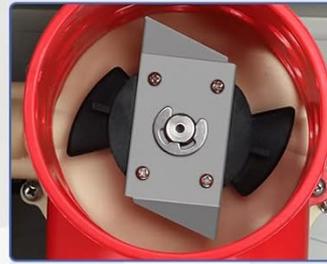
Key Features:

- **Advanced 700W Macerator Pump:** Equipped with a professional-grade copper motor for durability and powerful 700W performance, capable of grinding waste from up to 4 fixtures.
- **High-Capacity 29.5 ft Vertical Lift:** Designed to move wastewater vertically up to 29.5 feet and across long distances, suitable for below-grade installations.
- **4 Multi-Fixture Inlets:** Supports simultaneous connection of a toilet, sink, shower, and laundry outlet using standard adapters (1-1/2", 1-1/4", 1").
- **Ventless & Quiet Operation:** Features an advanced ventless system for simplified installation and effective odor control. Constructed from corrosion-resistant PP material with a machine-pressed sealed cover to prevent odor leakage. Operates below 50 dB.
- **Clog-Resistant Grinder Blades:** Stainless steel cutting blades prevent jams from solids and fibrous materials. Auto-sensing technology activates the pump only when needed, conserving energy.

Product Analysis



Professional check valve
Sewage will never return



Stainless Steel impeller
Blades



Internal view of the HOCANFLO 700PRO Macerator Pump, highlighting the professional check valve and stainless steel impeller blades.

3. SETUP AND INSTALLATION

Proper installation is crucial for the performance and longevity of your macerator pump. It is recommended that installation be performed by a qualified professional.

General Installation Steps:

1. **Placement:** Position the macerator pump near the fixtures it will serve, ensuring adequate space for connections and maintenance.
2. **Fixture Connections:** Connect the toilet, sink, shower, and any other compatible fixtures to the designated inlets on the pump. Use the provided adapters and ensure all connections are secure and watertight.
3. **Discharge Pipe:** Connect the discharge pipe from the pump to your main sewer line. Ensure the pipe is properly sloped for optimal flow and that the check valve is correctly installed to prevent backflow.
4. **Ventilation:** Utilize either the activated carbon deodorization system or connect to a vent pipe as per local plumbing codes.

5. **Power Connection:** Connect the pump to a dedicated electrical outlet as specified in the electrical requirements.
6. **Testing:** After installation, thoroughly test the system by flushing the toilet and running water from connected sinks and showers to ensure proper operation and check for leaks.

Complete Mounting Accessories Included



Stopper*2



Activated carbon cap*1



Activated carbon*1



Elbow with check valve*1



Sealing cover for toilet connection hole*1



90-100mm clamp*2



Rubber ring*1



Hose*3



Clamp*3

Diagram illustrating the complete mounting accessories included with the HOCANFLO 700PRO Macerator Pump, including stoppers, activated carbon cap, elbow with check valve, rubber ring, hoses, and clamps.

Activated Carbon Deodorization Or Vent Pipe Deodorization



01

Activated Carbon
Deodorization

02

Ventilation
duct deodorization



Diagram showing options for activated carbon deodorization or vent pipe deodorization for the HOCANFLO 700PRO Macerator Pump.

Product Application



Sink



Washer Machine



Toilet



Shower Room



Illustrations demonstrating the various applications of the HOCANFLO 700PRO Macerator Pump, including connections to a sink, washer machine, toilet, and shower room.

Easy Installation



Image showing the HOCANFLO 700PRO Macerator Pump installed next to a toilet and sink, demonstrating a typical easy installation setup.

Installation Videos:

Video: Detailed installation guide for the HOCANFLO 700W Macerator Pump for Upflush Toilet Systems.

Video: Explanation of the macerating pump check valve and its function in preventing backflow.

4. OPERATING INSTRUCTIONS

The HOCANFLO 700PRO Macerator Pump operates automatically. When water enters the pump chamber from connected fixtures, the auto-sensing technology detects the water level and activates the macerating blades and pump motor. The waste is then ground and pumped through the discharge pipe to the main sewer line. The pump will deactivate once the water level drops.

Ensure that only human waste and toilet paper are flushed into the toilet connected to the macerator. Avoid flushing foreign objects, feminine hygiene products, wipes, or excessive amounts of paper, as this can cause clogs and damage to the pump.

General Information Videos:

Video: An animated explanation of how a macerating toilet system works and its benefits.

Video: Demonstrates how a macerating system provides a solution for installing bathrooms in basements or areas without existing sewer lines.

5. MAINTENANCE

Regular maintenance helps ensure the optimal performance and longevity of your HOCANFLO 700PRO Macerator Pump.

Maintenance Guidelines:

- **Regular Cleaning:** Periodically clean the pump and connected fixtures using non-abrasive, macerator-safe cleaning products. Avoid harsh chemicals that can damage internal components.
- **Inspect Connections:** Regularly check all pipe connections for leaks or signs of wear. Tighten clamps as needed.
- **Deodorization System:** If using activated carbon, replace the carbon filter as recommended by the manufacturer to maintain effective odor control.
- **Power Disconnection:** Always disconnect power to the unit before performing any maintenance or inspection.

6. TROUBLESHOOTING

If you encounter issues with your HOCANFLO 700PRO Macerator Pump, consider the following common troubleshooting steps. For persistent problems, contact customer support.

Common Issues and Solutions:

- **Pump Not Activating:** Check the power supply and ensure the unit is plugged in. Verify that the water level in the chamber is sufficient to trigger the auto-sensing mechanism.
- **Unusual Noises:** This could indicate an obstruction in the macerating blades. Disconnect power and carefully inspect the chamber for foreign objects.
- **Leaks:** Inspect all pipe connections and seals. Tighten any loose clamps or replace worn gaskets.
- **Odors:** Ensure the activated carbon filter (if used) is not expired and is properly installed. Check all seals for the ventless system.
- **Slow Drainage:** This may indicate a partial clog in the discharge pipe or within the pump. Disconnect power and inspect for obstructions.

Always disconnect the power supply before attempting any inspection or repair. If you are unsure about any troubleshooting step, consult a qualified plumber or contact HOCANFLO customer support.

7. SPECIFICATIONS

Specification	Detail
Brand	HOCANFLO
Model Number	FLO700 (Style: 700PRO)
Power Source	Corded Electric

Specification	Detail
Voltage	120 Volts
Power	700 Watts
Maximum Lifting Height	29.5 feet (approx. 2 Yards)
Maximum Flow Rate	29.17 Gallons Per Minute
Product Dimensions	19"L x 14"W x 9"H
Item Weight	16.27 pounds (7.39 Kilograms)
Material	Polypropylene (PP), Stainless Steel
Inlets	4 (for toilet, sink, shower, laundry)

8. WARRANTY AND SUPPORT

The HOCANFLO 700PRO Macerator Pump comes with 1-year support from the manufacturer. For any questions regarding the item, installation, operation, or warranty claims, please contact HOCANFLO customer service directly.