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HOCANFLO 750W Macerator Pump (36ft Vertical Lift)

HOCANFLO 750W Macerator Pump Instruction Manual

Model: 750W Macerator Pump (36ft Vertical Lift)

1. INTRODUCTION

This manual provides detailed instructions for the safe installation, operation, and maintenance of your HOCANFLO 750W Macerator Pump. Please read this manual thoroughly before installation and use to ensure safe and efficient operation and to prevent damage to the unit or property. Keep this manual for future reference.

Powerful Upflush Pump



Image 1.1: HOCANFLO 750W Macerator Pump overview, highlighting its powerful upflush capabilities and key features.

2. SAFETY INFORMATION

Adherence to the following safety guidelines is crucial for preventing personal injury and equipment damage:

- Always disconnect the power supply to the pump before performing any installation, maintenance, or troubleshooting procedures.
- Ensure the pump is properly grounded to prevent electrical shock.
- Do not operate the pump with flammable liquids or in environments containing explosive gases.
- Professional plumbing and electrical installation is highly recommended to ensure compliance with local codes and safe operation.
- Do not allow children to operate or play near the pump.
- Ensure all connections are secure and watertight to prevent leaks.

3. PRODUCT COMPONENTS

The HOCANFLO 750W Macerator Pump package includes the following items:

- HOCANFLO 750W Macerator Pump Unit
- Three (3) Universal Adapter Rings for standard pipe connections
- One (1) 10-foot GFCI-protected power cord
- One (1) Elbow with built-in check valve
- One (1) Rubber ring
- One (1) Hose
- One (1) Stopper
- Assorted Clamps (90-100mm and others)
- Multilingual Installation Manual

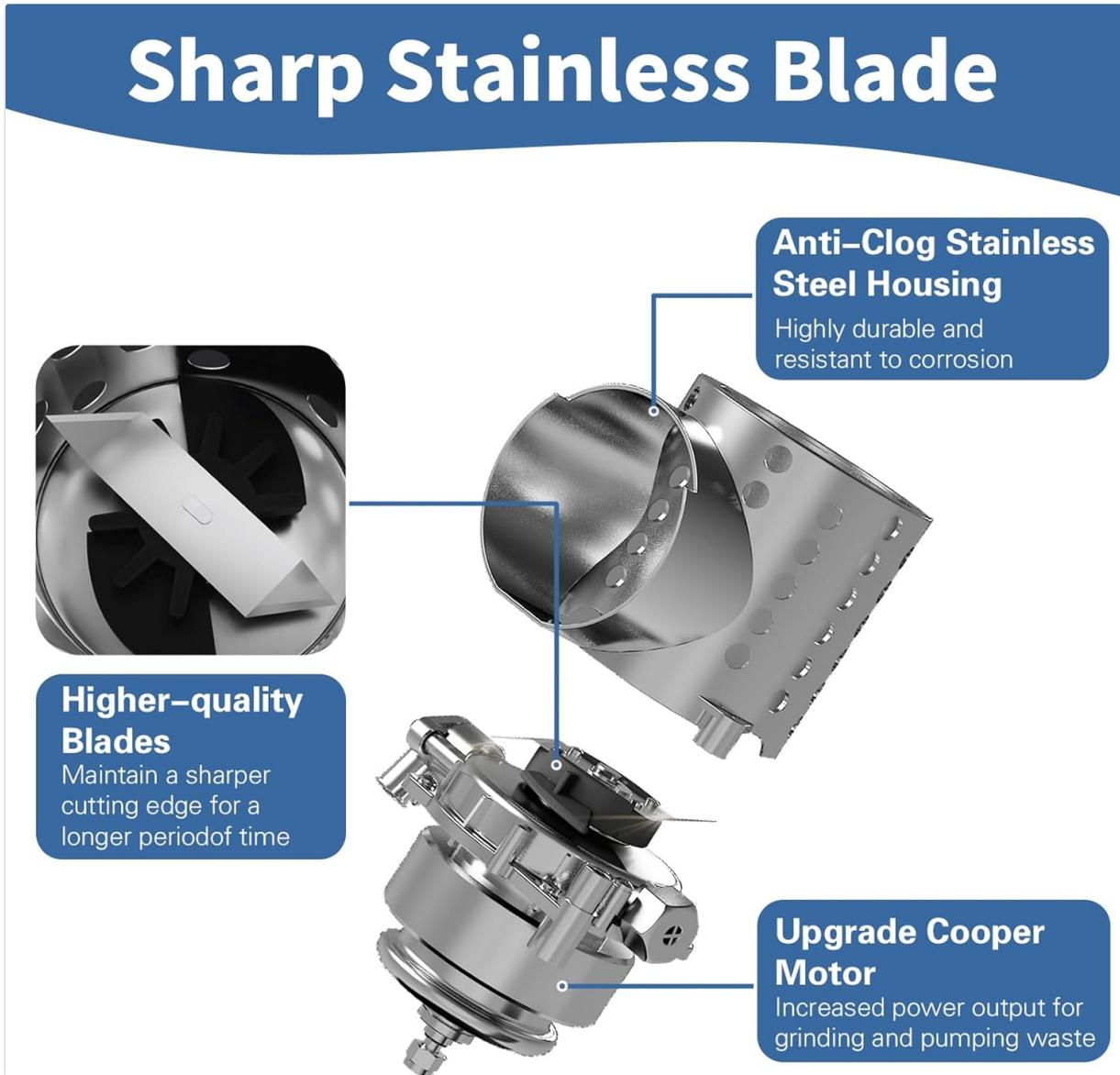


Image 3.1: Product dimensions and included accessories for the HOCANFLO 750W Macerator Pump.

4. SPECIFICATIONS

Feature	Specification
Brand	HOCANFLO
Model	750W Macerator Pump (36ft Vertical Lift)

Material	Polypropylene (PP)
Product Dimensions (L x W x H)	22" x 9" x 14"
Power Source	Corded Electric
Item Weight	14 Pounds
Maximum Flow Rate	180 Gallons Per Minute (160L/min)
Maximum Vertical Lifting Height	36 Feet
Maximum Horizontal Discharge	328 Feet (with 1-1/4" discharge pipe)
Voltage	120 Volts
Wattage	750 Watts

5. SETUP AND INSTALLATION

Careful planning and execution are essential for proper installation. Refer to the included multilingual installation manual for detailed diagrams and step-by-step instructions.

5.1 Placement

The macerator pump can be installed in various configurations, such as behind a toilet or concealed behind a wall, offering flexibility for your bathroom layout. Ensure adequate space for connections and future maintenance access.



Image 5.1: Flexible installation options for the HOCANFLO Macerator Pump, showing placement behind a toilet and behind a wall.

5.2 Plumbing Connections

The pump features three dedicated inlets for connecting various fixtures and a multi-size discharge outlet. Use the provided universal adapter rings for secure connections.

- **Inlets:** Connect your toilet, sink, bathtub/shower, or kitchen lines to the designated inlets. The system automatically detects wastewater flow.
- **Discharge:** Plan your discharge pipe route, considering the pump's 36ft vertical lift and 328ft horizontal push capabilities. Ensure the discharge pipe is 1-1/4" for optimal flow. The pre-installed check valve prevents backflow.
- **Ventilation:** The unit includes an activated carbon / vent pipe interface for deodorization. Connect a 1-1/2" ventilation duct for optimal odor control.

Multi-Water Inlets

Providing flexibility for connecting various plumbing fixtures



Image 5.2: Multi-water inlets and discharge outlet configuration for the HOCANFLO Macerator Pump.

5.3 Electrical Connection

Connect the pump using the provided 10-foot GFCI-protected power cord to a suitable 120V electrical outlet. Ensure the outlet is properly grounded and protected by a Ground Fault Circuit Interrupter (GFCI) for safety.

6. OPERATING INSTRUCTIONS

The HOCANFLO 750W Macerator Pump is designed for automatic operation.

- **Automatic Activation:** The pump features auto-sensing drainage. When wastewater flows into the inlets from connected fixtures (toilet, sink, shower, etc.), the pump automatically activates within 8 seconds to macerate and discharge the waste.
- **Macerating System:** The anti-clog stainless steel cutting system, powered by a robust 750W copper motor, efficiently pulverizes solids such as toilet paper, feminine products, and organic waste.
- **Quiet Operation:** The heavy-duty ABS housing incorporates sound-dampening technology for quieter operation compared to standard units.
- **Dry-Run Protection:** The intelligent system includes dry-run protection to ensure safe operation and prevent damage if no water is present.

Product Specification



Image 6.1: Internal view of the macerator pump's sharp stainless steel cutting system and copper motor.

7. MAINTENANCE

The HOCANFLO macerator pump is engineered for minimal maintenance. Regular inspections can help ensure long-term reliability.

- **Routine Inspection:** Periodically check the pump for any visible leaks, unusual noises, or blockages. The tool-free cover design allows for quick and hassle-free inspections.
- **Deodorization System:** The dual-use filter provides both 1-1/2" ventilation duct deodorization and activated carbon deodorization. Ensure the ventilation path is clear and replace activated carbon as needed (if applicable to your model).
- **Cleaning:** If necessary, disconnect power and clean the exterior of the pump with a damp cloth. Avoid using harsh chemicals.
- **Check Valve:** The pre-installed check valve effectively prevents backflow. Ensure it is functioning correctly during inspections.

Dual-use Filter



Image 7.1: Dual-use filter system for deodorization and built-in check valve.

8. TROUBLESHOOTING

If you encounter issues with your macerator pump, refer to the following common problems and solutions. For persistent issues, contact customer support.

Problem	Possible Cause	Solution
Pump does not activate	No power, clogged inlet, sensor malfunction	Check power connection and GFCI. Inspect inlets for blockages. Contact support if sensor is suspected.
Pump runs continuously	Leak in system, faulty sensor, discharge blockage	Check all connections for leaks. Inspect discharge pipe for obstructions. Contact support.
Unusual noise or vibration	Foreign object in macerating chamber, motor issue	Disconnect power and inspect the macerating chamber for foreign objects. If clear, contact support.

Leakage from pump or connections	Loose connections, damaged seals, cracked housing	Tighten all pipe connections. Inspect seals and housing for damage. Replace damaged components or contact support.
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9. WARRANTY AND SUPPORT

Your HOCANFLO 750W Macerator Pump is backed by a comprehensive **2-year warranty**. This warranty covers manufacturing defects and ensures reliable performance under normal use conditions.

For technical assistance, warranty claims, or any questions regarding your product, please contact our **US-based customer service team**. Expert assistance is always available to help you with installation, operation, or troubleshooting.

Please have your product model and purchase date available when contacting support to expedite service.