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HOCANFLO FLO-JLF500

HOCANFLO Elongated Compact Upflush Toilet System

Model: FLO-JLF500

1. PRODUCT OVERVIEW

The HOCANFLO Elongated Compact Upflush Toilet System is designed for versatile installation in areas where traditional gravity-fed plumbing is not feasible, such as basements or attic spaces. This system features a powerful 500W macerating pump that efficiently handles waste, allowing for installation without extensive construction.

It is an economical and space-saving solution, capable of pumping effluent vertically up to 22.9 feet and horizontally up to 229 feet. The toilet includes a quiet-close, quick-release seat for enhanced convenience and hygiene.



Figure 1.1: HOCANFLO Elongated Compact Upflush Toilet System with external macerator pump.

2. SETUP AND INSTALLATION

This upflush toilet system is designed for floor-mounted installation and comes with all necessary accessories for a smooth setup. The macerator pump can be hidden behind a wall or connected directly to the toilet.

2.1. Key Installation Features

- **Versatile Inlets:** The 500W macerator pump features four water inlets, allowing connection to multiple fixtures including a toilet, sink, shower, and laundry machine.
- **Rear Discharge:** The design allows for the pump to be discreetly placed behind a wall, maintaining a clean aesthetic.
- **Compact Design:** Ideal for small spaces, basements, or attics where traditional plumbing is challenging.



Figure 2.1: Macerator pump illustrating its four water inlet connections for various bathroom and utility fixtures.

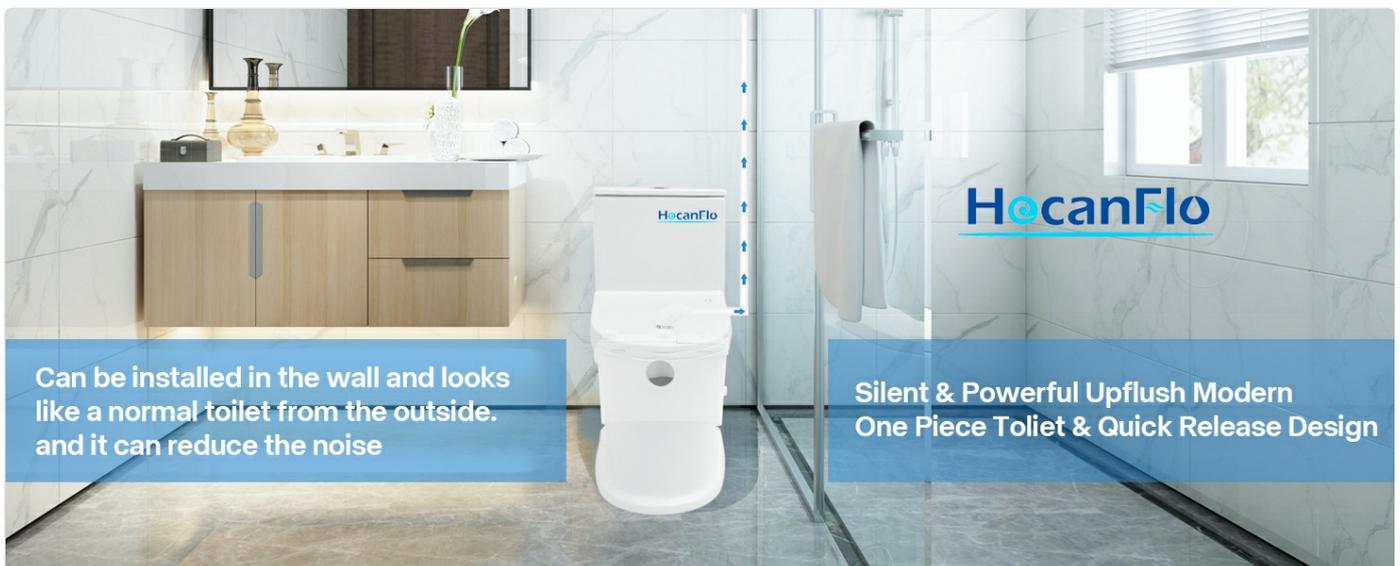


Figure 2.2: The system can be installed with the pump hidden behind a wall for a seamless appearance.

2.2. Dimensions and Clearance

Ensure adequate space for installation. The toilet dimensions are approximately 32"D x 17"W x 31"H. The comfortable seat height is 17.3 inches.



Figure 2.3: Detailed measurements of the toilet unit for installation planning.



Figure 2.4: The toilet offers a comfortable seat height of 17.3 inches.

3. OPERATING INSTRUCTIONS

The HOCANFLO upflush toilet system is designed for efficient and quiet operation.

3.1. Dual-Flush Mechanism

The toilet features a dual-flush system for water conservation and effective waste removal:

- **Half Flush:** Uses 0.8 gallons per flush (GPF) for liquid waste.

- **Full Flush:** Uses 1.28 GPF for solid waste, providing powerful flushing action.



Figure 3.1: The dual-flush system offers options for water efficiency.

3.2. Macerating Pump Operation

The 500W copper-wire motor ensures powerful and quiet maceration, pulverizing waste for easy removal. The system operates at a low noise level of approximately 39 dBA.



Figure 3.2: Specifications of the 500W macerator pump.

3.3. Soft-Close Seat

The toilet seat is designed with a soft-close mechanism to prevent slamming and reduce noise, enhancing durability and user comfort.



Figure 3.3: The soft-close feature ensures quiet operation.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your HOCANFLO upflush toilet system.

4.1. Cleaning the Toilet Seat

The quick-release functionality of the seat allows it to be easily unlatched from the toilet for thorough cleaning. Simply press and lift to remove the seat.



Figure 4.1: Quick-release seat for easy cleaning.

4.2. Macerator Pump Features for Maintenance

- **Activated Carbon Deodorization:** Helps to neutralize odors, maintaining a fresh bathroom environment.
- **Professional Check Valve:** Prevents sewage from returning into the system, ensuring hygienic operation.
- **Stainless Steel Impeller Blades:** Durable blades designed for effective pulverization of waste.

Activated Carbon Deodorization



Figure 4.2: Activated carbon for odor control.



Figure 4.3: Internal components designed for efficient and hygienic operation.

4.3. Ceramic Glaze and Tank Design

- **Full Ceramic Glaze:** The toilet bowl features a full ceramic glaze, making it easy to clean and maintain hygiene.
- **Waterless Tank Design:** Designed without a traditional water tank, which helps prevent freezing or cracking in extremely cold weather.



Figure 4.4: The innovative tank design and flushing system.

5. TROUBLESHOOTING

This section provides guidance for common issues you might encounter with your upflush toilet system.

5.1. Common Issues and Solutions

Problem	Possible Cause	Solution
Pump not activating or weak flush	Power supply issue, blockage, or motor malfunction.	Check power connection. Inspect for visible blockages. If problem persists, contact customer support.
Unusual noise from pump	Foreign object in macerator, worn impeller blades.	Turn off power and carefully inspect for foreign objects. If noise continues, contact customer support.
Odor issues	Activated carbon filter needs replacement, or ventilation issue.	Check and replace activated carbon filter if necessary. Ensure proper ventilation in the bathroom.
Water not draining completely	Partial blockage in discharge pipe, or check valve issue.	Ensure no foreign objects were flushed. Verify check valve is functioning correctly.

For issues not listed or if solutions do not resolve the problem, please contact HOCANFLO customer support.

6. SPECIFICATIONS

Detailed technical specifications for the HOCANFLO Elongated Compact Upflush Toilet System.

Feature	Specification
Brand	HOCANFLO
Model Number	FLO-JLF500
Color	White
Product Dimensions	32"D x 17"W x 31"H

Feature	Specification
Installation Type	Floor Mounted
Shape	Elongated (Oblong)
Seat Material Type	Polypropylene
Included Components	500Watt Macerator Pump, Toilet Bowl
Power	500 Watt
Input Voltage	110-Volt
Maximum Flow Rate	110 L/Min (1750 GPH)
Vertical Lift	Up to 22.9 ft (7M)
Horizontal Lift	Up to 229 ft (70M)
Noise Level	Approx. 39 dBA
Flush Type	Dual-Flush (0.8 GPF / 1.28 GPF)

7. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact HOCANFLO directly. Refer to your purchase documentation for specific warranty terms and conditions.

Additional protection plans may be available for purchase through your retailer to extend coverage beyond the standard manufacturer's warranty.

Manufacturer: HOCANFLO

Part Number: FLO-JLF500