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› SUPERFLO 600W Macerating Toilet System Instruction Manual

## SUPERFLO TM-09 (A-Upflush Toilet)

# SUPERFLO 600W Macerating Toilet System

Model: TM-09 (A-Upflush Toilet)

## INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your SUPERFLO 600W Macerating Toilet System. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product.

The SUPERFLO Macerating Toilet System is designed to efficiently handle waste from toilets, sinks, and tubs, making it ideal for basements or areas with plumbing challenges. It features a powerful 600W macerator pump and a dual-flush design for water efficiency.

## SETUP & INSTALLATION

Proper installation is crucial for the optimal performance and longevity of your macerating toilet system. We recommend consulting a licensed plumber for installation.

### General System Overview



Figure 1: Complete SUPERFLO Macerating Toilet System with pump and bowl.

# Sink•Toilet•Bathtub All in One



Figure 2: Diagram showing how the macerating toilet system can connect to a sink, toilet, and bathtub. It illustrates vertical and horizontal pumping capabilities.

## Macerator Pump Installation

The macerator pump is the core of the system. Ensure all connections are secure and watertight.

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Video 1: Detailed installation guide for the SUPERFLO Macerating Toilet System. This video covers the entire setup process from unboxing to final connections.

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Video 2: Overview of the 600W upflush toilet system for basement installations, highlighting key features and benefits.

1. **Prepare the Pump:** Ensure the macerator pump is placed on a stable, level surface. Identify all inlet and outlet ports.



Figure 3: The macerator pump features multiple inlet ports for various fixtures and a main outlet.

2. **Connect Inlet Pipes:** Connect the toilet's rear outlet to the pump's main inlet. For additional fixtures (sink, tub), connect their drain pipes to the available 40mm side inlets. Ensure a 3% slope for horizontal pipes to facilitate drainage.

# Convenient Installation · No Pit Needed

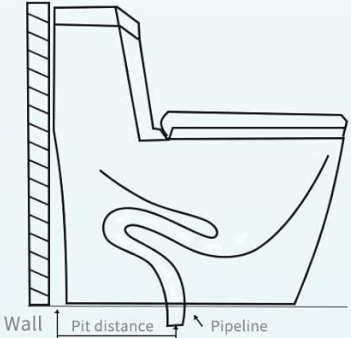

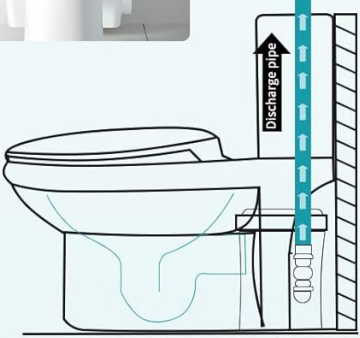
Normal toilet	SUPERFLO macerating toilet
<p>Limited by pipework</p>  <ul style="list-style-type: none"> <li>✘ Installation/Replacement: Extremely inconvenient without a pit</li> <li>✘ Pit: pit is a must Connectable equipment: N/A</li> <li>✘ Reaming and lift: N/A Sewage pipeline: easy to block</li> </ul>	 <p>Only 2 pipelines needed</p> <p>Add a bathroom as you need</p>  <ul style="list-style-type: none"> <li>✔ Installation/Replacement: Convenient and flexible</li> <li>✔ Pit: no pit and pipework rearrangement needed</li> <li>✔ Reaming and lift: max lift upto 9m/max horizontal delivery upto 90m</li> <li>✔ Sewage pipeline: larger sewage pipe, smooth drainage</li> </ul>

Figure 4: Illustrates the simplified installation of the SUPERFLO macerating toilet compared to traditional systems, requiring only two pipelines.

3. **Install Discharge Pipe:** Connect the pump's discharge outlet to the main sewage line. The system can pump sewage up to 32.8 feet vertically and 263 feet horizontally.
4. **Ventilation Connection:** The pump includes an optional activated carbon vent. Connect this to your home's ventilation system to reduce odors.

## Cold catalyst AC, effectively prevent peculiar odor

There is a activated carbon filter in our SUPERFLO macerator. It is optional to connect the vent valve to your venting system of your home.



Figure 5: The macerator pump features an activated carbon filter to prevent peculiar odors.

5. **Secure Toilet to Floor:** Once all plumbing connections are made, secure the toilet bowl to the floor using appropriate fasteners.

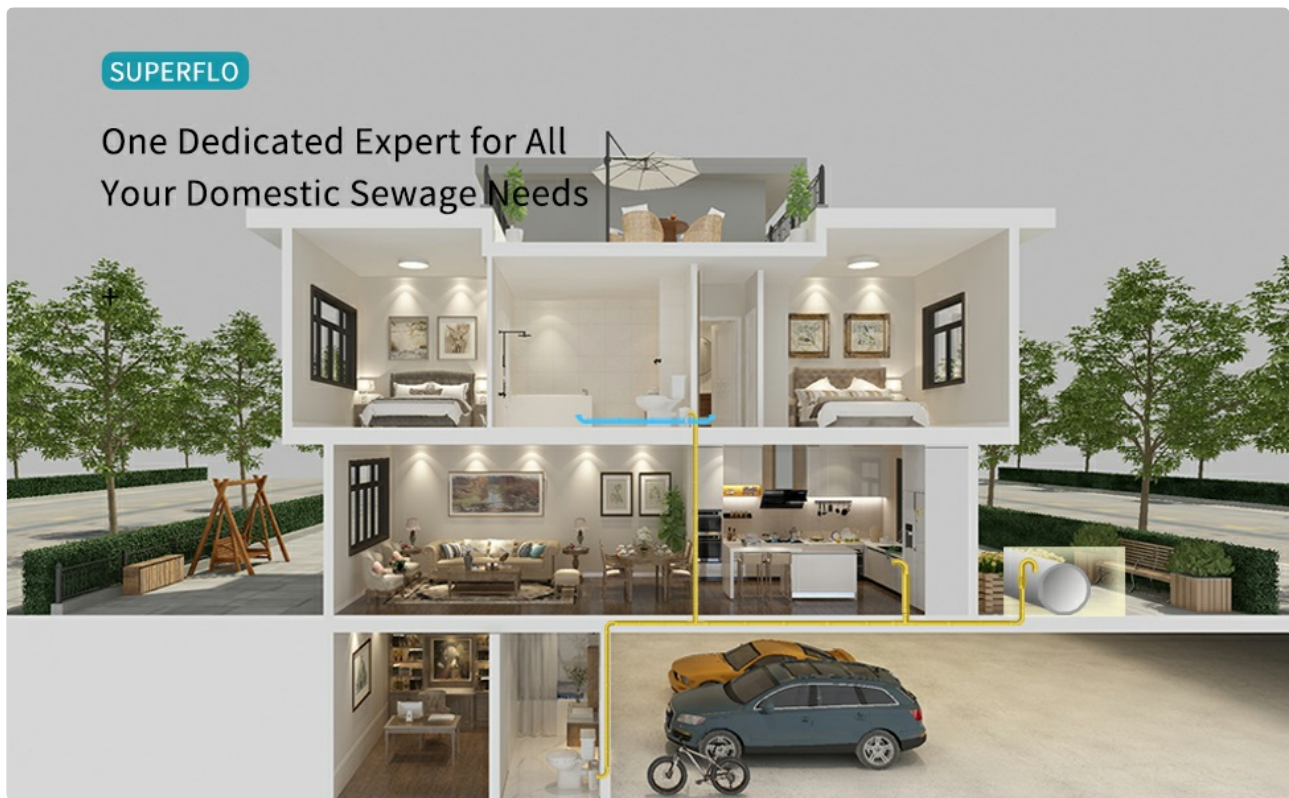


Figure 6: Options for pump installation, either behind the wall or directly behind the toilet.

## OPERATING INSTRUCTIONS

The SUPERFLO Macerating Toilet System operates automatically once installed and connected to power.

- **Automatic Operation:** The macerator pump activates automatically when waste water enters the unit, grinding solids and pumping the effluent through the discharge pipe.
- **Dual-Flush System:** The toilet features a dual-flush mechanism for water conservation.
  - **Full Flush:** 1.6 GPF (Gallons Per Flush) for solid waste.
  - **Half Flush:** 0.8 GPF for liquid waste, saving water.
- **Soft-Close Seat:** The toilet seat is designed for slow and quiet closing, preventing loud noises and extending product life.

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Video 3: Demonstrates the operation of the SUPERFLO Macerator Toilet, including the flushing mechanism and pump activation.

## Cold catalyst AC, effectively prevent peculiar odor

There is a activated carbon filter in our SUPERFLO macerator. It is optional to connect the vent valve to your venting system of your home.



Figure 7: Visual representation of the powerful water flushing and macerating action within the system.

### MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your SUPERFLO Macerating Toilet System.

- **Cleaning:** The toilet bowl features a clean white glazed surface that is easy to clean with standard toilet cleaners. The soft-close seat is top-mounted for easy removal and cleaning.
- **Activated Carbon Filter:** Periodically check and replace the activated carbon filter in the macerator pump to ensure effective odor reduction.
- **Impeller Check:** If the pump becomes noisy or an alarm sounds, it may indicate a blockage. Refer to the troubleshooting section for steps to check and clear the impeller.

Common issues and their potential solutions for your macerating toilet system.

## Troubles of Domestic Sewage

Need plumbing in basement, bathroom or kitchen but failed for upflush discharging or far-away pipeline?



1

**Pipeline  
Toilet Clogging**



2

**Unpleasant Odor**



3

**Noisy  
Macerating Pump**

Figure 8: Common issues faced with domestic sewage systems, including pipeline clogging, unpleasant odor, and noisy macerating pumps.



Figure 9: Visual guide for troubleshooting, showing how to access the repair panel and remove blockages.

- **Noisy Macerating Pump:**

- Check for foreign objects: The pump has a non-blocking blade, but large or hard objects can cause noise. Disconnect power and inspect the impeller area.
- Alarm activation: If the impeller is blocked, an alarm on the PCB will sound after 3 minutes, indicating required maintenance to prevent motor damage.

- **Clogging:**

- Ensure proper pipe slope: Horizontal pipes should have a minimum 3% slope to prevent waste accumulation.
- Use septic-safe toilet paper: Avoid flushing non-biodegradable items.

- **Unpleasant Odor:**

- Check ventilation: Ensure the optional activated carbon vent is properly connected to your home's ventilation system.
- Clean the unit: Regular cleaning helps prevent odor buildup.

## SPECIFICATIONS

Feature	Detail
Model Number	TM-09 (A-Upflush Toilet)
Brand	SUPERFLO
Power	600W
Color	White
Material	Ceramic (Bowl), Polypropylene (Seat)
Product Dimensions	19.6"D x 14.5"W x 30.7"H
Item Weight	88 Pounds
Installation Type	Floor Mounted

Vertical Pumping Height	Up to 32.8 feet
Horizontal Pumping Distance	Up to 263 feet
Flush Volume (Full/Half)	1.6 GPF / 0.8 GPF
Included Components	Tank Flushing Accessories, Tank, SUPERFLO Macerating Pump, Round Toilet Bowl

## WARRANTY & SUPPORT

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SUPERFLO is committed to providing reliable products and excellent customer service.

- **After-Sale Service:** Our dedicated after-sales service team is available to assist you with any questions or concerns. Please contact us via email, and we will respond within 24 hours.
- **Protection Plans:** Extended protection plans are available for purchase to cover your product beyond the standard warranty period. Options include 3-Year and 4-Year Protection Plans.