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› [SANIFLO](#) /

› [Saniflo Sanicompact Model 023 Macerating Toilet Instruction Manual](#)

## SANIFLO 023

# Saniflo Sanicompact Model 023 Macerating Toilet Instruction Manual

Brand: SANIFLO | Model: 023

## 1. INTRODUCTION AND PRODUCT OVERVIEW

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The Saniflo Sanicompact Model 023 is a compact, one-piece macerating toilet system designed for installations where traditional gravity-fed plumbing is not feasible or space is limited. This unit integrates a toilet and a powerful macerator pump, allowing for waste discharge through a small-diameter pipe. It is ideal for half bathrooms, basements, attics, garages, or any small space requiring a toilet installation.

The Sanicompact system efficiently handles both black water (from the toilet) and gray water (from a connected sink), discharging it vertically up to 9 feet and horizontally up to 100 feet. Its tankless design and water-saving flush mechanism contribute to its efficiency and compact footprint.



Figure 1: Front view of the Saniflo Sanicompact Model 023 macerating toilet.



Figure 2: The Sanicompact Model 023 installed in a compact bathroom setting, demonstrating its space-saving design.

## 2. SETUP AND INSTALLATION

Installation of the Saniflo Sanicompact Model 023 requires adherence to local plumbing and electrical codes. It is highly recommended that installation be performed by a qualified professional.

### 2.1 Key Installation Requirements:

- **Electrical Connection:** The unit requires a dedicated 120 V - 60 Hz electrical supply (7.2 Amps Max).
- **Discharge Pipe:** A 1-inch diameter discharge pipe is necessary for waste removal.
- **Gray Water Inlet:** The unit includes an inlet for connecting a sink to handle gray water.
- **Ventilation:** The Sanicompact is designed with an internal one-way vent, eliminating the need for an external vent pipe.
- **Floor Mounting:** This is a floor-mounted unit.



Figure 3: Cutaway view illustrating the internal macerating system and connection points for discharge and gray water inlet.

For detailed installation instructions, diagrams, and specific plumbing requirements, please refer to the official Saniflo website or the comprehensive manual provided with the product. A general product page can be found at: [www.saniflo.com/us/home/74-sanicompact.html](http://www.saniflo.com/us/home/74-sanicompact.html)

### 3. OPERATING INSTRUCTIONS

The Sanicompact Model 023 features a water-saving dual-flush system. To operate, simply press the flush button located on the top of the unit. The macerating pump will activate automatically to process waste and discharge it through the plumbing system.

- Ensure the unit is properly connected to a power source and water supply before use.
- The system is designed to be quiet during operation, with a noise level of approximately 53 dBa.

### 4. MAINTENANCE

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

#### 4.1 Cleaning:

- Clean the exterior of the toilet regularly with mild, non-abrasive cleaners.
- Avoid harsh chemicals that could damage the plastic components or internal mechanisms.

#### 4.2 Descaling:

Over time, mineral deposits can accumulate within the macerator pump. Saniflo offers a specific descaler (Part N° 052) designed for their products. Follow the instructions provided with the descaler for proper use.

#### 4.3 General Care:

- Do not flush foreign objects such as sanitary products, wet wipes, or excessive amounts of paper, as these can damage the macerator blades.
- The macerator blade is made of hardened stainless steel and is designed for durability, minimizing the need for replacement under normal operating conditions.

## 5. TROUBLESHOOTING

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If you encounter issues with your Sanicompact Model 023, consider the following basic troubleshooting steps:

- **No Power:** Check the electrical connection and ensure the circuit breaker has not tripped.
- **No Water:** Verify that the water supply valve to the toilet is open.
- **Unusual Noise/Vibration:** This could indicate an obstruction. *Do not attempt to clear obstructions yourself if you are not qualified.* Disconnect power and contact a professional.
- **Leakage:** Check all connections for tightness. If leakage persists, discontinue use and contact a service technician.

For persistent problems or issues beyond basic troubleshooting, contact Saniflo customer support or a certified service technician.

## 6. SPECIFICATIONS

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Detailed technical specifications for the Saniflo Sanicompact Model 023:



**CONNECTIONS**

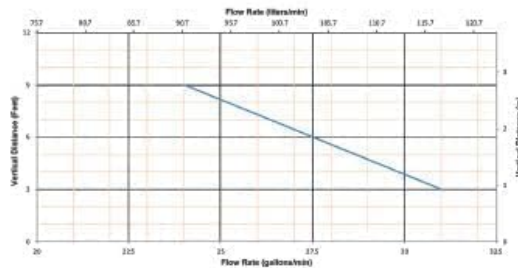
- Discharge: 1"
- Inlet: 1-1/4"

Designed with an internal one-way vent built which eliminates the need to have an external vent pipe

**PRODUCT FEATURES**

- Install a half bathroom up to 9 feet below the sewer line, or even up to 120 feet away.
- Self-contained macerating system for residential applications.
- The blade is made out of a hardened stainless steel material which eliminates the need for any service or replacement.

**PUMP CURVE**



**OPTIONAL ACCESSORIES**

**Descaler**  
(Part N° 052)  
See page 28



**TECHNICAL SPECIFICATIONS**

- Pump type:** Macerator
- Electrical:** 120 V - 60 Hz / 7.2 Amps (Max)
- Motor:** 0.5 HP oil-filled thermally protected motor
- Capacitor rating:** 45 microfarad
- Operating Temperature:** 95°F (110°F Max.)
- Power cord length:** 59 inches
- Noise level:** ≤ 53 dBA (Lp) (measured at 3 ft.)
- Discharge pipe diameter:** 1"
- Discharge rate at 9 ft:** 24 GPM
- Discharge rate at 3 ft:** 31 GPM
- Normal running time:** 24 sec (18 sec ECO mode)
- Capacity:** 0.8 gallons / 0.3 liters
- Inlets:** 1-1/4" sink connection (on motor case)
- Method of activation:** Push button / circuit board
- Weight:** 64 lbs / 29 kg (Bowl with motor)
- Certifying agencies:** CSA (IPC, NSPC)
- Connections:** Sink

**DIMENSIONAL DRAWINGS**

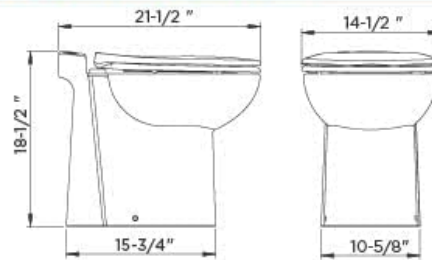


Figure 4: Technical specifications, pump curve, and dimensional drawings for the Sanicompact Model 023.

Feature	Detail
Model Number	023
Product Dimensions (D x W x H)	21.5" x 14.5" x 18.5"
Item Weight	64 Pounds (approx. 29 kg)
Pump Type	Macerator
Electrical Supply	120 V - 60 Hz / 7.2 Amps (Max)

Feature	Detail
Motor	0.5 HP oil-filled thermally protected motor
Capacitor Rating	45 microfarad
Operating Temperature	95°F (110°F Max.)
Power Cord Length	59 inches
Noise Level	≤ 53 dBa (Lp)
Discharge Pipe Diameter	1"
Discharge Rate at 9 ft	24 GPM
Discharge Rate at 3 ft	31 GPM
Normal Running Time	24 sec (18 sec ECO mode)
Capacity	0.8 gallons / 0.3 liters
Inlets	1-1/4" sink connection (on motor case)
Method of Activation	Push button / circuit board
Certifying Agencies	CSA (IPC, NSPC)
Connections	Sink
Color	White
Seat Material Type	Plastic
Installation Type	Floor Mounted

## 7. WARRANTY AND SUPPORT

The Saniflo Sanicompact Model 023 comes with a **4-year limited warranty**. This warranty covers defects in materials and workmanship under normal use and service.

For warranty claims, technical support, or to find authorized service centers, please contact Saniflo directly or visit their official website. You can also visit the [SANIFLO Store on Amazon](#) for more product information.