The intelligent solution to install a bathroom anywhere

Now, introducing the new "Quiet" range
Discover the revolutionary way to install a complete bathroom as millions of satisfied people worldwide already know. Our innovative products save you significant time and money in your remodeling project. You now can have a quality bathroom where you want without expensive structural changes.

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>PART #</th>
<th>POSSIBLE CONNECTIONS</th>
<th>PAGE</th>
</tr>
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<tr>
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<td>SANISHOWER</td>
<td>010</td>
<td><img src="image10" alt="Possible Connections" /></td>
<td>18</td>
</tr>
</tbody>
</table>

### Operating Principle of the Saniflo System

1. The toilet is flushed, the water level rises and the Saniflo grinder motor turns on automatically.
2. The blades driven by the motor grind the contents into tiny particles in 3 or 4 seconds.
3. The finely ground particles are pumped out through a standard pipe just 3/4 or 1 inch [20 or 25 mm] in diameter.
4. The macerating tank is now empty (apart from the water seal) and the system is ready for use again.
A HISTORY OF EXPERTISE

Established in Europe in 1958, Saniflo, with its innovative products, quickly outgrew the European market. In the late 1990’s, during another period of rapid growth, Saniflo expanded product lines beyond the traditional washroom fixture market.

Our achievements in North America are a credit to our history of quality and know how. We are the established problem solver for residential, commercial, industrial or government installations in some very interesting places. If you need another complete or half bath we have a product which has passed the test of time to make your dreams a reality.

Saniflo’s extraordinary success is tightly connected to the company’s revolutionary macerator system. With its invention and introduction, the Saniflo macerator made it possible to install toilets and complete bathrooms anywhere in a house or an apartment. Whereas conventional plumbing places limitations on where a toilet or bathroom can be located, with Saniflo there are no such limitations. Saniflo products make renovations easy and affordable, because construction is greatly simplified. There are no walls to tear down or floors to rip up; therefore no costly construction is involved.

Saniflo Is The Only Intelligent Solution That Makes Installing A Bathroom Anywhere Possible!

Installing a bathroom where you want is often difficult and sometimes even impossible. The main drain pipe is either too far away, or the installation is lower than the drain pipe making conventional installation impossible.

Saniflo macerator units are able to grind and pump waste up to a height of 18’ and over a distance of up to 150’. The beauty of using Saniflo products is that a bathroom can be installed anywhere, in a short time, without major construction. Saniflo units are easy to install and a cost effective solution.

WHAT IS A MACERATOR?

To “macerate” is to soften and break in pieces. Our Saniflo macerating systems use a rotating cutting blade to liquefy human waste and toilet paper. When mixed with flushing water the waste is pumped into a sanitary sewer as a fine slurry.

WHAT IS A GRINDER?

The grinder will accept accidental flushing of sanitary items such as feminine hygiene products. It grinds up waste produced in your home (i.e. toilet use, shower, washing machine, etc.) and pumps it into the public sewer system.

Saniflo SaniAlarm! – Security for your peace of mind.

The SaniAlarm has a level pressure switch that triggers an alarm fixed on the top of the unit if the volume of water exceeds the maximum allowed level. The alarm emits a continuous 80 dB warning sound until it is switched off or the problem is rectified. The SaniAlarm is battery operated and can be installed on most Saniflo macerating units and gray water pumps. It has been designed to be installed on new or existing Saniflo installations as it is quickly fitted onto the lid of the Saniflo unit. Note: Saniflo recommends using a SaniAlarm for a behind the wall installation.

*Suitable for use with Saniplus, Sanibest, Sanivite, Sanipack and Sanigrind.
WHY SHOULD YOU CHOOSE A SANIFLO® PRODUCT?

52 YEARS EXPERIENCE

With 52 years of experience, Saniflo has positioned itself as a worldwide producer of macerating units and gray water pumps. Our research & development has become our number one priority allowing our experienced engineers to perfect the products of today and the future to offer you a more simplified and dependable quality product.
QUALITY

Our macerating units and gray water pumps meet all new standards in North America (ASME A112.3.4 and CSA B45.9) and internationally (EN 12050-3 and EN 12050-2) and our factories conform to ISO 9001 version 2000.

EASY INSTALLATION

Saniflo’s macerating units and gray water pumps are the ideal solution for installing a new bathroom or fixture by simplifying construction without the long hours of labor. Saniflo makes it simple! We will counsel you on which product is best for you and direct you to a distributor in your area. Saniflo is the easy solution for all bathroom installations.

COMPLETE PRODUCT LINE

Saniflo produces a full line of macerating units and gray water pumps for an unlimited number of residential and commercial applications.

Our line of macerating units include external models, which can be placed either behind the toilet or inside the wall and self-contained models, which are toilets with the pump grinding system built into the toilet.

QUIET DESIGN PRODUCTS

Another Saniflo first! Same quality, same powerful pump, same performance that would meet the librarian’s approval! The quiet sound of quality in our existing range of products has been muted with this patented technology.

SERVICE

Saniflo has distributors throughout the United States and Canada along with service agents that can help answer any questions about installation or maintenance on your Saniflo product.

MAINTENANCE FREE

The motor of Saniflo’s macerating units have no gears or brushes to wear out. It is filled with oil and sealed for life.

OTHERS REASONS

- More than 6,500,000 units sold worldwide
- Fully Certified and meets national codes
- International Plumbing Code Listed (IPC)
- Uniform Plumbing Code Listed (UPC)
- National Standard Plumbing Code Listed (NSPC)
- CSA Certified - CSA Listed
- International Association of Plumbing and Mechanical Code Listed (IAPMO)
- Check valves are incorporated
- Handles feminine products (Sanibest, Sanigrind and Sanicubic)
- From 9-36 feet pumping height
- Pumps vertically and horizontally
- Full range of models to suit your specific needs
- 2-Year Warranty

COST EFFECTIVE SOLUTION

Saniflo offers high quality, low cost and superior installation flexibility. Saniflo macerating systems are a very economical way to increase the value of any home with the addition of a toilet, complete bathroom or even a laundry room anywhere.
NEW “QUIET RANGE”
Saniflo’s quiet range of macerating units.

As a testimony of Saniflo’s innovative spirit for the last 52 years, the “Quiet” range really answers the users’ request, focusing on much quieter products. Its conception is a major technological improvement based on the association of the best cutting system and the quietness of operation.

QUIET
Long term research has enabled the reduction in operating sound (-10dB), also by reducing transmitted sounds from one floor to another through the use of vibration absorbers located anywhere such resonance transmission could occur. The addition of sound-absorbent materials, a more quiet and powerful motor, external vibration-free materials: the result is amazing!

DESIGN
Always innovating, the “Quiet” range is distinguished by its modern curved lines. Discreet, it perfectly fits behind our round and elongated toilet models. In order to make every substitution easier, our R&D department retained the inlet and discharge locations to ensure easy replacement of product in future installations.

PERFORMANCE
Its motor, with a high-standard cutting system, is more compact and has better performance. New internal rubber components assist in the reduction of noise as the vibrations in the motor will be reduced by this new design. These new improvements along with its unmatched performance is the reason Saniflo’s products are considered the only option for installers.
The SANITOP is used to create an additional half bathroom. This unit offers a quiet macerating pumping system that's ideal to install a toilet with a sink.

- Build a half bathroom for residential applications
- Vertical pumping up to 12 ft. and 120 ft. horizontally
- Designed to work with our rear discharge toilet that only uses 1.6 gallons (6 liters) of water per flush
- The smallest and quietest macerator on the market

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP</td>
<td>0.3</td>
</tr>
<tr>
<td>Discharge</td>
<td>Vertically to 12 ft. (3.7m)</td>
</tr>
<tr>
<td></td>
<td>Horizontally to 120 ft. (36.6m)</td>
</tr>
<tr>
<td>Dimensions include</td>
<td>Pump only</td>
</tr>
<tr>
<td></td>
<td>Motor Induction</td>
</tr>
<tr>
<td>Power supply</td>
<td>115 V - 60 Hz</td>
</tr>
<tr>
<td>Amperage</td>
<td>5.0 A</td>
</tr>
<tr>
<td>Temperature</td>
<td>Maximum 104°F (40°C)</td>
</tr>
</tbody>
</table>

**An 18” Saniflo extension pipe is available if installing the macerator unit behind a wall. When using the extension pipe, the toilet should be raised 3/8” for additional gravity flow toward the macerator pump.**
The SANIPLUS is used to install a complete bathroom. It offers a high level of styling that makes it the ideal centerpiece for a modern bathroom.

- Build a complete bathroom for residential applications
- Vertical pumping up to 15 ft. and 150 ft. horizontally
- Designed to work with our rear discharge toilet that only uses 1.6 gallons (6 liters) of water per flush

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>H 10⅛” (27cm)</td>
<td></td>
</tr>
<tr>
<td>W 20” (51cm)</td>
<td></td>
</tr>
<tr>
<td>D 7” (17.5cm)</td>
<td></td>
</tr>
</tbody>
</table>

**Pump only**

- **Motor**
  - Induction
- **Power supply**
  - 115 V - 60 Hz
- **Amperage**
  - 4.5 A

**HP**
- 0.5

**Discharge**
- Vertically to 15 ft. (4.6m)
- Horizontally to 150 ft. (50m)

**Discharge rate at 15’**
- 17 gal/min (66 liters)

**Discharge rate at 3’**
- 27 gal/min (103 liters)

**Discharge pipe diameter**
- 3/4”

**Temperature**
- Maximum 104˚F (40˚C)

An 18” Saniflo extension pipe is available if installing the macerator unit behind a wall. When using the extension pipe, the toilet should be raised 3/8” for additional gravity flow toward the macerator pump.
SANIBEST is ideal for situations where you do not control the use; such as a guest bathroom, rental unit or office building. It is designed to handle accidental flushing of sanitary items.

- Build a complete bathroom and more; for residential and commercial applications
- Vertical pumping up to 18 ft. and 150 ft. horizontally
- Designed to work with our rear discharge toilet that only uses 1.6 gallons (6 liters) of water per flush

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>HP</th>
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</thead>
<tbody>
<tr>
<td>H 10¾” (27.5cm)</td>
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<tr>
<td>W 21” (53cm)</td>
<td>Discharge</td>
</tr>
<tr>
<td>D 7” (17.5cm)</td>
<td>Vertically to 18 ft. (6m)</td>
</tr>
<tr>
<td>Dimensions include</td>
<td>Horizontally to 150 ft. (50m)</td>
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<tr>
<td>Pump only</td>
<td>Discharge rate at 18’</td>
</tr>
<tr>
<td>Motor</td>
<td>14 gal/min (53 liters)</td>
</tr>
<tr>
<td>Induction</td>
<td>Discharge rate at 3’</td>
</tr>
<tr>
<td>Power supply</td>
<td>27 gal/min (103 liters)</td>
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<tr>
<td>115 V - 60 Hz</td>
<td>Discharge pipe diameter</td>
</tr>
<tr>
<td>Amperage</td>
<td>¾”</td>
</tr>
<tr>
<td>9.0 A</td>
<td>Temperature</td>
</tr>
<tr>
<td>Maximum 104°F (40°C)</td>
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</table>

An 18” Saniflo extension pipe is available if installing the macerator unit behind a wall. When using the extension pipe, the toilet should be raised 3/8” for additional gravity flow toward the macerator pump.
The **SANIGRIND** is a grinder unit only and is designed to work with a standard bottom outlet toilet.

- Build a complete bathroom and more; for residential and commercial applications
- Vertical pumping up to 18 ft. and 150 ft. horizontally
- Great for retrofitting applications. Designed to work with standard bottom outlet toilets not supplied by Saniflo
- Designed for heavy use, can occasionally accept disposal of sanitary items

### SPECIFICATIONS

- **Dimensions**
  - H 12” (30cm)
  - W 18” (46cm)
  - D 9” (23cm)
- **Dimensions include**
  - Pump only
  - Motor
  - Induction
- **Power supply**
  - 115 V - 60 Hz
  - **Amperage**
    - 9.0 A

- **HP**
  - 0.8
- **Discharge**
  - Vertically to 18 ft. (6m)
  - Horizontally to 150 ft. (50m)
- **Discharge rate at 18’**
  - 13 gal/min (48 liters)
- **Discharge rate at 3’**
  - 24 gal/min (90 liters)
- **Discharge pipe diameter**
  - 3/4’’
- **Temperature**
  - Maximum 104˚F (40˚C)

### PRODUCT DESCRIPTION

The beauty of the **SANIGRIND** is that it allows up to three connections, so you can install a complete bathroom. The SANIGRIND unit is installed on the floor, while the toilet, sink, and bath or shower must be installed on a raised platform. It can be connected to any bottom outlet toilet.

The **SANIGRIND** can be installed in many locations such as a loft/attic, upper floor, ground floor, basement and even a garage. Whether you’re finishing a basement, converting a garage or installing a bathroom in a master bedroom, SANIGRIND is the answer.
The depth of the SANIPACK enables the unit to be installed directly in the wall. This allows for easy installation of the fixtures with the SANIPACK hidden and out of the way.

- Build a complete bathroom for residential applications
- Easy to conceal with versatile and quiet operation
- Vertical pumping up to 9 ft. and 100 ft. horizontally
- Designed to work with wall-hung systems not supplied by Saniflo

**PRODUCT DESCRIPTION**

The SANIPACK is a unique product which allows you to install a wall hung toilet. It provides connections for both a sink and shower for an easy bathroom installation. The reservoir, macerating pump and pipes are hidden inside the wall. This type of installation gives you the lean and clean look of a European bathroom.

The SANIPACK can be installed in many locations such as a loft/attic, upper floor, ground floor, basement and even a garage.
**PRODUCT DESCRIPTION**

**SANICUBIC Classic** is a pre-assembled heavy duty grinder pump that meets the demanding needs of commercial and residential sewage applications. The two grinder system made of stainless steel liquefies solids prior to being passed through the 1½” discharge. It’s designed to handle multiple waste fixtures for applications such as residential single or group homes, commercial buildings, schools and many more.
SPECIFICATIONS

1. CONTROL PANEL
   (Alarm, LED power control, and Over Load Indicator)

2. MOTORS
   Two powerful grinder pumps of 1 HP each

3. INLET - UP TO 5 INLETS
   4 inlets - 1½” or 4”
   1 inlet - 1½”
   (coupling provided)

4. DISCHARGE
   1½” with check valves built inside

5. VENT
   1½”

6. DIMENSIONS
   W 23¾” x D 19¼” x H 16½”

BENEFITS OF THE SANICUBIC Classic

• Sanicubic can handle up to 60 gallons per minute from several fixtures
• Dual motor for absolute reliability and power
• Thermally protected
• Alarm mounted on the unit (provision for remote alarm installed)
• Easy installation above the floor
• Accepts accidental flushing of sanitary items, such as feminine hygiene products.

Performance Curve
The SANICOMPACT is a self-contained toilet that's ideal for fitting into tight spots where conventional toilets can't fit
- Build a half bathroom for residential applications
- Vertical pumping up to 9 ft. and 100 ft. horizontally
- SANICOMPACT allows the connection of a sink
- Compact toilet for small areas. Uses just 1 gallon (4 liters) of water per flush
- Seat included

The green solution

**PRODUCT DESCRIPTION**

This modern shaped self-contained macerating toilet is very water efficient, using just one gallon of water per flush. It was designed with several purposes in mind such as limited space, green conscious users that want to save water, and for people with physical limitations requiring easy access to a toilet.

The SANICOMPACT can be installed in many locations such as a loft/attic, upper floor, ground floor, basement and even a garage. The SANICOMPACT is very easy to install in areas such as under the stairway for a half bathroom or an additional half bathroom in a bedroom or garage conversion.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>HP</th>
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<tbody>
<tr>
<td>H 15⅜'' (40cm)</td>
<td>0.3</td>
</tr>
<tr>
<td>W 14⅛'' (37cm)</td>
<td></td>
</tr>
<tr>
<td>D 18⅛'' (46cm)</td>
<td></td>
</tr>
<tr>
<td>Dimensions include</td>
<td></td>
</tr>
<tr>
<td>Complete unit</td>
<td></td>
</tr>
<tr>
<td>Motor</td>
<td></td>
</tr>
<tr>
<td>Induction</td>
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<tr>
<td>Power supply</td>
<td>115 V - 60 Hz</td>
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<tr>
<td>Amperage</td>
<td>7.2 A</td>
</tr>
<tr>
<td>Maximum 95˚F (35˚C)</td>
<td></td>
</tr>
</tbody>
</table>

**Discharge**
- Vertically to 9 ft. (3m)
- Horizontally to 100 ft. (33m)

**Discharge rate at 9'**
- 13 gal/min (49 liters)

**Discharge rate at 3'**
- 16 gal/min (61 liters)

**Discharge pipe diameter**
- 1″

Part # 023
PRODUCT DESCRIPTION

This modern shaped self-contained macerating toilet is easy to install and is similar to the popular European wall-hung toilets. The SANISTAR saves space and can be hung on any sturdy wall. It comes complete with a wall bracket system that can be placed against a wall or if used in new construction, built into the wall. It can also be connected to a sink. The SANISTAR is a green product that only uses one gallon of water per flush.

The SANISTAR can be installed in many locations such as a loft/attic, upper floor, ground floor, basement and even a garage.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>HP</th>
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<tbody>
<tr>
<td>Discharge</td>
<td>Vertically to 9 ft. (3m) Horizontally to 100 ft. (33m)</td>
</tr>
<tr>
<td>Discharge rate at 9’</td>
<td>9 gal/min (34 liters)</td>
</tr>
<tr>
<td>Discharge rate at 3’</td>
<td>15 gal/min (58 liters)</td>
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<tr>
<td>Discharge pipe diameter</td>
<td>1”</td>
</tr>
<tr>
<td>Temperature</td>
<td>Maximum 95˚F (35˚C)</td>
</tr>
</tbody>
</table>

Dimensions

- Complete unit
- Motor
- Power supply
- Amperage

- H 16½” (42cm)
- W 15¾” (40cm)
- D 20½” (52cm)
- Induction
- 115 V - 60 Hz
- 9.0 A
**SPECIFICATIONS**

- **Dimensions**
  - H 10¼” (26cm)
  - W 14¼” (37cm)
  - D 7¾” (18.5cm)

- **Dimensions include**
  - Pump only
  - Motor
  - Induction

- **Power supply**
  - 115 V - 60 Hz

- **Amperage**
  - 4.5 A

- **HP**
  - 0.3

- **Discharge**
  - Vertically to 16 ft. (5m)
  - Horizontally to 150 ft. (50m)

- **Discharge rate at 16’**
  - 18 gal/min (68 liters)

- **Discharge rate at 3’**
  - 29 gal/min (110 liters)

- **Discharge pipe diameter**
  - 1”

- **Temperature**
  - Maximum 140°F (60°C)

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**PRODUCT DESCRIPTION**

The **SANIVITE** is a gray water pump ideally suitable for use in small foot print kitchen. It is small enough to fit comfortably inside a kitchen cabinet or vanity. It will pump waste water away from a variety of sources, such as a kitchen sink, laundry sink even a dishwasher or washing machine (indirect via a laundry tub only).

The **SANIVITE** can be installed in many locations such as a loft/attic, upper floor, ground floor, basement and even a garage. Whether you’re remodeling a kitchen, installing a sink in the basement or building a covered outdoor kitchen, **SANIVITE** will get the job done.
**PRODUCT DESCRIPTION**

The **SANISWIFT** is a powerful unit with a compact design. It offers three inlets for various installations such as a washing machine (indirect only), sink or even a shower.

The **SANISWIFT** can be installed in many locations such as a loft/attic, upper floor, ground floor, and even a basement. The compact design makes it perfect for installations in a basement, laundry room, or even a converted garage.

**SANISWIFT’s modern style prevails over other bulky relics.** With unprecedented performance and features, this pump is unmatched in its class. The **SANISWIFT** can handle multiple fixtures to solve the most difficult installations. Saniswift sets the standard as the ultimate gray water pump.

- Discharges 18 gallons per minute
- Vertical pumping up to 14 ft. and 140 ft. horizontally
- Powerful and economical pump. Ideal for mid-ranged applications
- Multiple inlets for various installations

**SPECIFICATIONS**

- **Dimensions**
  - H 8 3/4” (22cm)
  - W 10 1/4” (26cm)
  - D 9” (23cm)
- **Dimensions include**
  - Pump only
  - Motor
  - Induction
- **Power supply**
  - 115 V - 60 Hz
  - Amperage 4.5 A

- **HP** 0.3
- **Discharge**
  - Vertically to 14 ft. (4.3m)
  - Horizontally to 140 ft. (43m)
- **Discharge rate at 14’**
  - 18 gal/min (70 liters)
- **Discharge rate at 3’**
  - 24 gal/min (89 liters)
- **Discharge pipe diameter**
  - 1”
- **Temperature**
  - Maximum 140°F (60°C)

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**SANISWIFT**
Compact economical gray water pump

Part # 021
The SANISHOWER allows you to install a shower where you never thought possible. It gives you a fast and easy way to add an additional sink or shower to your home.

- Discharges 14 gallons per minute
- Vertical pumping up to 12 ft. and 100 ft. horizontally
- Easy to install and small enough to fit under the shower base. Ideal for light-duty applications

**PRODUCT DESCRIPTION**

The SANISHOWER is a small gray water pump that may be used to pump waste water away from a shower or sink. The SANISHOWER is small enough to fit inside a wet bar cabinet, or even beside or underneath a raised shower base. It has two inlets for installing a shower or sink and it will pump up to 12 feet high.

The SANISHOWER can be installed in many locations such as a loft/attic, upper floor, ground floor, basement and even a converted garage. This product is ideal for installing a shower and/or sink in a bedroom or basement or even under a bar sink.

**SPECIFICATIONS**

- **Dimensions**
  - H 5 5/8” (15cm)
  - W 11 5/8” (29.5cm)
  - D 6 1/8” (16cm)

- **Dimensions include**
  - Pump only
  - Motor
  - Induction

- **Power supply**
  - 115 V - 60 Hz

- **Amperage**
  - 5.5 A

- **HP**
  - 0.2

- **Discharge**
  - Vertically to 12 ft. (3.7m)
  - Horizontally to 100 ft. (33m)

- **Discharge rate at 12’**
  - 14 gal/min (50 liters)

- **Discharge rate at 3’**
  - 20 gal/min (77 liters)

- **Discharge pipe diameter**
  - 3/4”

- **Temperature**
  - Maximum 104°F (40°C)

**Part # 010**
FAQ’s - MACERATING TOILETS AND GRAY WATER PUMPS

What is a macerator?
To “macerate” is to soften, to break in pieces. Our macerating systems use a rotating cutting blade to liquefy human waste and toilet paper. When mixed with flushing water the waste is pumped into a sanitary sewer as a fine slurry.

Where can I use macerating systems?
These systems can be used anywhere extra sanitary facilities are needed or wanted. Extra bathrooms can be installed in basements, cottages, hotels, motels, etc.

Is Saniflo expensive?
The greatly reduced labor costs and the incredible flexibility makes Saniflo an economical and viable alternative when gravity flow systems cannot be installed.

Can I also install a shower or bathtub?
When installing a bathtub a platform of 2 x 8 inch is needed to allow for the installation of a P-Trap and pipe with some gravity flow towards the macerating unit.

Do I need to break up the floor to install the macerating system?
No, Saniflo can easily be installed on top of any finished floor, which totally eliminates the need to dig up a floor as present methods using a sump and sewage ejector pump requires. Additionally, there is no need to leave an accessible space, as is the case with an in-floor sump system.

Where is the waste discharged?
The waste is pumped into a sewer system, septic tank or holding tank by means of a proper waste pipe system that complies with applicable codes.

Can I discharge the waste by means of upward slopes?
The best method to install a discharge pipe is to rise vertically at the unit as high as necessary and from that point slope down at a fall of ⅛ inch per linear foot to the point of discharge.

Can a washing machine be discharged into the Saniplus?
Our Saniswift, Sanivite, Sanibest, Sanigrind and Sanicubic units are designed for this type of application. The washing machine must be drained into a laundry tub or sink first if using any of these units.

Can I discharge a kitchen sink into a macerating system?
No, the greases and larger food particles associated with kitchen sinks would clog the smaller diameter pipe and create a problem eventually. The Sanivite and Saniswift are designed for this purpose.

Do I need to install a P-Trap in vanities, bathtubs, and showers?
Yes, even though macerating systems have built-in mechanical traps most plumbing codes require a regular P-Trap to be installed. It is also necessary to prevent odors and sewer gases from escaping into the room.

Will I void the warranty, if I install the system myself?
No, but since proper building plumbing and electrical codes must be followed, we suggest that the system is installed by a trade person.

Can the warranty be voided?
Yes, when any foreign objects are found in the macerating unit that has to be retrieved by a plumbing or service person. Also, by pouring automotive anti-freeze, solvents, paints, etc., into the system, or by opening the motor or pump of the macerating unit.

Do macerating systems, gray water pumps and fixtures need to be vented?
All macerators and gray water pumps have been designed with a vent connection on the lid. All plumbing codes require connection to a vent system. Please note that the vent system should be a two-way air vent. The use of mechanical vents, air admittance valves or similar devices are not permitted as these are considered one-way vent systems. The Sanicompact and Sanistar units are “forced mains” and they do not need to be vented.

How much water does the system use?
All models in the Saniflo line are low consumption type water closets. The Sanitop/Sanigrind/Sanibest uses 1.6 gallons (6 litres) of water per flush and Sanistar/Sanicompact uses 1 gallon (4 litres) water per flush. This compares very favorably with older style water closets that may use up to 3.5 gallons (30 litres) of water per flush.

What is the discharge capacity?
Depending upon the discharge installation the Saniplus/Sanibest can pump up to 17 gallons per minute and the Sanivite can pump up to 18 gallons per minute. The Sanicompact cannot pump more than 1 gallon (4 litres) at a time as it is an electrically timed system.

Can I use lake water to flush the toilet?
Yes, provided that a particle gets stuck between the valve solenoid valve and if a particle is caught between the valve...
# THE SANIFLO LINE

MACERATING TOILET SYSTEMS
AND GRAY WATER PUMPS

## Distance Up

<table>
<thead>
<tr>
<th>Model</th>
<th>Distance Up (ft)</th>
<th>Distance Long (ft)</th>
<th>Pipe Size (in)</th>
<th>Temperature (°F)</th>
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<tbody>
<tr>
<td>SANITOP</td>
<td>12</td>
<td>120</td>
<td>3/4</td>
<td>104</td>
</tr>
<tr>
<td>SANIPLUS</td>
<td>15</td>
<td>150</td>
<td>3/4</td>
<td>104</td>
</tr>
<tr>
<td>SANIBEST</td>
<td>18</td>
<td>150</td>
<td>3/4</td>
<td>104</td>
</tr>
<tr>
<td>SANIGRIND</td>
<td>18</td>
<td>150</td>
<td>3/4</td>
<td>104</td>
</tr>
<tr>
<td>SANIPACK</td>
<td>9</td>
<td>100</td>
<td>3/4</td>
<td>104</td>
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<tr>
<td>SANICUBIC</td>
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<td>328</td>
<td>1 1/2</td>
<td>158</td>
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<td>SANICOMPACT</td>
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<tr>
<td>SANISHOWER</td>
<td>12</td>
<td>100</td>
<td>3/4</td>
<td>104</td>
</tr>
</tbody>
</table>

## Indirect only

- SANISHOWER

ALL UNITS CAN BE USED IN ANY OF THESE SITUATIONS:

- LOFT/ATTIC
- UPPER FLOOR
- GROUND FLOOR
- BASEMENT
- GARAGE
- CABINS
- POOL HOUSE
- SLAB CONSTRUCTIONS

ALL OUR PRODUCTS ARE CSA CERTIFIED

* Indirect only