Install a bathroom anywhere without any major construction

MACERATING UNITS AND GRAY WATER PUMPS
WHAT CAN YOU EXPECT FROM THIS CATALOG?

You can expect this catalog to be your first step in choosing a new bathroom addition. Saniflo offers you many options with no limitations! Our products give you the convenience of choosing **WHERE** you want to install your new bathroom. The next step with this catalog is to choose which product best suits your needs.

You will be able to select the right product for your application, and soon you will experience why millions of satisfied customers recognize Saniflo as a leading manufacturer of high quality innovative products and why Saniflo is the problem solver and the inventor of a variety of choices. You should only trust Saniflo with more than 53 years experience to add value and convenience to your home without any major construction.

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If you have any installation questions about our products or possible applications, please contact our technical department:

USA Toll Free: 1-800-571-8191 / Canada Toll Free: 1-800-363-5874
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 directly linked 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.

OPERATING PRINCIPLE OF THE SANIFLO SYSTEM

SANIFLO IS THE ONLY INTELLIGENT SOLUTION THAT MAKES INSTALLING A BATHROOM ANYWHERE POSSIBLE WITHOUT ANY MAJOR CONSTRUCTION!

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

SaniTop, SaniPlus, SaniPack, SaniCompact, SaniStar

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.

SaniBest, SaniGrind, SaniCubic
Toilets use gravity and large diameter (3 inch) pipe-work to feed into the existing soil stack, sewer system or septic tank. It is hard or sometimes even impossible to install facilities in an existing structure.

This is what many satisfied homeowners have said about Saniflo products.

SANICUBIC

The Grand Master. Duplex technology makes the Sanicubic a way to save thousands.

“Without the Sanicubic, I was looking at a huge bill to get my building’s plumbing system working again. I was able to use the plumbing again in a day with the Sanicubic. I was faced with excavation and re-plumbing to get my problem fixed. I saved more than $20K! I have seven tenants in the building. You can imagine how relieved I am to have discovered the Sanicubic. Thank you!”

SANIBEST

Sophistication. Heavy duty technology that stretches the limits of bathroom installations.

“We love our new downstairs bathroom. No more racing upstairs when you really gotta go! This is the best functioning toilet in the house. I selected the grinder technology because I have 2 teenage daughters and did not want any issues with an accidental flushing of a sanitary item. This works so well that I claimed this bathroom as mine.”

“I renovated my garage into living quarters for my mother who had moved in with us. I installed the Sanibest for her apartment because the drainpipe was 18 feet overhead. I saved a lot of time and money. This could be the room I am most proud of in the entire renovation.”

SANIVITE

Multipurpose. Useful for everything including the kitchen sink.

“I couldn’t be happier with the installation and operation of this product! Our main kitchen sink drain is under a concrete slab floor. When the old iron pipe collapsed (house built in 1963) we got repair quotes of $2000-$5000 to repair the old line. And they would have had to rip up 25 feet of my ceramic tile floor. So I invested in the Sanivite gray water pump. It works perfectly.”

SANITOP

Resourceful. A simple way to install a half bathroom.

“I checked all the different ways to put a toilet in the basement and they were all too complicated. Everyone that has seen this has been very impressed. I was very glad that I took the advice a friend gave me. He has one and is very satisfied with it.”

“I purchased my home at a great price because it only had one bath. I knew from the time I was shown the home I would add a second bathroom upstairs quickly and easily with Saniflo. I could not be more pleased and when I sell my home, I have increased the value and marketability.”
Saniflo solves these and many other similar problems by using small-diameter pipe which can be run virtually anywhere; across floor joists, in narrow floor or ceiling spaces.

Installing additional sanitary facilities in existing buildings was a major structural problem until the development of macerating systems by Saniflo!

**SANIPLUS**

The Establishment. The leader of all macerators. Renovations take a whole new level of flexibility.

"This addition is a wonderful convenience. We no longer have to go upstairs to use the bathroom. We originally thought we would use this bathroom as a backup because our house only has one other bathroom. This quickly changed when we experienced how convenient it is to not only have a second toilet in the house but also a second shower. We should have installed this complete bathroom long ago."

"I always wanted an outdoor bathroom near our pool so the kids do not trek water into the house when they have to go. It turns out my husband uses that bathroom the most. He loves to shower outside when he gets home from work. The Saniplus bathroom was a simple, quick and a great addition. Our backyard is the hit of the neighborhood. Thanks Saniflo."

**SANISWIFT**

Brilliance.

"I have a small office without any kitchen facility. I always wondered why we could not have just a simple sink for a coffee area. The explanation was logical; it was just too expensive to add a drain. Fortunately a plumber recommended a Saniswift and he installed a sink with the Saniswift. We now have sink and a kitchen and everyone is happy."

"The Saniswift? No brainer. As a professional plumber, I need to balance my customers needs, their budget and quality. I have installed Saniswifts in laundry rooms, basement kitchens, outdoor utility sinks and would not to hesitate to use them anytime I need a pump."

**SANIGRIND**

Versatility. Based on the Sanibest. Allows freedom of design.

"We used the Sanigrind in our basement where there was no bathroom previously. We used a matching toilet, sink and shower to make this the nicest bathroom in our home!"

"My client wanted a very stylish, modern master bath added. Not only would I have to do major renovations upstairs, but also tear down the ceiling in the kitchen below. The Sanigrind gives me all the design flexibility I needed. With the Sanigrind, I built their dream bath, saving the homeowner thousands. I have used all of the Saniflo range of products in different projects, but when a designer look is required, the Sanigrind allows me to install any brand of fixture in the new bathroom."

Tell us your story on www.facebook.com/SANIFLO

53 YEARS EXPERIENCE

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ACCESSORIES

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, Sanipack, Sanigrind and Sanivite.

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**SANIFLO SANIALARM! — SECURITY FOR YOUR PEACE OF MIND.**

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.

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**DIMENSIONS:**

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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**

- **Dimensions**
  - H 10 1/8" (26.5cm)
  - W 13" (33cm)
  - D 6 1/6" (16.5cm)
- **Software include**
  - Pump only
  - Motor
  - Induction
- **Power supply**
  - 115 V - 60 Hz
- **Amperage**
  - 5.0 A
- **HP**
  - 0.3
- **Discharge**
  - Vertically to 12 ft. (3.7m)
  - Horizontally to 120 ft. (36.6m)
- **Discharge rate at 12’**
  - 14 gal/min (53 liters)
- **Discharge rate at 3’**
  - 21 gal/min (80 liters)
- **Discharge pipe diameter**
  - ¾"
- **Temperature**
  - Maximum 104˚F (40˚C)
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**

- **Dimensions**
  - H 10½” (27cm)
  - W 20” (51cm)
  - D 7” (17.5cm)
- **Dimensions include**
  - Pump only
  - Motor
  - Induction
- **Power supply**
  - 115 V - 60 Hz
  - 4.5 A
- **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**
  - ¾”
- **Temperature**
  - Maximum 104°F (40°C)

For more information on the Sanalarm, please check out the Accessories section on page 6.
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**

- **Dimensions**
  - H 10¾” (27.5cm)
  - W 21” (53cm)
  - D 7” (17.5cm)
  - 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’**
  - 14 gal/min (53 liters)
- **Discharge rate at 3’**
  - 27 gal/min (103 liters)
- **Discharge pipe diameter**
  - ¾”
- **Temperature**
  - Maximum 104°F (40°C)

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For more information on the Sanilarm, please check out the Accessories section on page 6.
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

**Discharge**
- Vertically to 18 ft. (6m)
- Horizontally to 150 ft. (50m)

**Discharge rate**
- At 18’ 13 gal/min (48 liters)
- At 3’ 24 gal/min (90 liters)

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

**Part # 014**

**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.

For more information on the Sanialarm, please check out the Accessories section on page 6.
**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 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.

**SPECIFICATIONS**

- **Dimensions**
  - H 11" (28cm)
  - W 16 3/4" (42.5cm)
  - D 4 3/4" (12cm)
- **Dimensions include**
  - Pump only
  - Motor
  - Induction
- **Power supply**
  - 115 V - 60 Hz
- **Amperage**
  - 5.4 A
- **HP**
  - 0.3
- **Discharge**
  - Vertically to 9 ft. (3m)
  - Horizontally to 100 ft. (33m)
- **Discharge rate at 9'**
  - 13 gal/min (48 liters)
- **Discharge rate at 3'**
  - 17 gal/min (66 liters)
- **Discharge pipe diameter**
  - 3/4"
- **Temperature**
  - Maximum 104°F (40°C)

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
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 much more.

**THE NEW GENERATION OF DUPLEX SYSTEM**

- Handles multiple waste fixtures
- Easy installation above the floor
- 2-Year Warranty

**SPECIFICATIONS**

- **HP**: 1 HP per motor
- **Discharge**
  - Vertically to 36 ft. (11m)
  - Horizontally to 328 ft. (100m)
- **Discharge rate at 36’**
  - 26 gal/min (98 liters/min)
- **Discharge rate at 3’**
  - 50 gal/min (189 liters/min)
- **Discharge pipe diameter**: 1½”
- **Temperature**: Maximum 158˚F (70˚C)
- **Dimensions**
  - H 16½” (42cm)
  - W 23½” (60cm)
  - D 19½” (49cm)
- **Motor**
  - Two powerful 1 HP grinder pumps
- **Power supply**
  - 220/240 Volts - 60 Hz
  - Single phase operation
- **Amperage**: 13.0 A

**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 much more.
SPECIFICATIONS

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

2. MOTORS
   Two powerful 1 HP grinder pumps

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 23½” 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 a remote alarm to be installed)
- Easy installation above the floor
- Accepts accidental flushing of sanitary items, such as feminine hygiene products.
**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.
**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. A sink can also be connected. 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.

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**SANISTAR**

A wall hung toilet with Saniflo inside

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**SPECIFICATIONS**

- **Dimensions**
  - H 16⅛” (42cm)
  - W 15¾” (40cm)
  - D 20⅜” (52cm)
- **Motor**
  - Induction
- **Power supply**
  - 115 V - 60 Hz
- **Amperage**
  - 9.0 A
- **HP**
  - 0.4
- **Discharge**
  - Vertically to 9 ft. (3m)
  - Horizontally to 100 ft. (33m)
- **Discharge rate at 9’**
  - 9 gal/min (34 liters)
- **Discharge rate at 3’**
  - 15 gal/min (58 liters)
- **Discharge pipe diameter**
  - 1”
- **Temperature**
  - Maximum 95˚F (35˚C)

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**NEW Dual flush version will be available on April 2011**
The SANIVITE is the perfect quiet solution to install a kitchen or sink on the ground level or in the basement.

- Discharges 18 gallons per minute
- Vertical pumping up to 16 ft. and 150 ft. horizontally
- Ideal for heavy-duty applications
- Small enough to fit inside a kitchen cabinet with the capability to handle hot water and grease buildup.
- Multiple inlets for various installations

**PRODUCT DESCRIPTION**

The SANIVITE is a gray water pump ideally suitable for use in small footprint kitchens. 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.

**SPECIFICATIONS**

- **Dimensions**
  - H 10¼” (26cm)
  - W 14¼” (37cm)
  - D 7½” (18.5cm)

- **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)

For more information on the Sanivite, please check out the Accessories section on page 6.
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.

Specs:

- Dimensions: H 8 3/4” (22cm), W 9” (23cm), D 10 1/4” (26cm)
- Motor: Induction
- Power supply: 115 V - 60 Hz
- Amperage: 4.5 A
- HP: 0.3

Discharge:
- Vertically: up to 14 ft. (4.3m)
- Horizontally: up to 140 ft. (43m)

Discharge rates:
- 18 gal/min (70 liters) at 14’
- 24 gal/min (90 liters) at 3’

Temperature:
- Maximum 140°F (60°C)

Part #: 021

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
- Ideal for residential applications
- Powerful and economical pump with multiple inlets for various installations
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 a shower base. Ideal for mid-rated 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.
**PRODUCT DESCRIPTION**

Condensate water from condensing boilers, HVAC systems and water heater systems has the potential to cause property damage or even create health hazards that can affect indoor air quality. Many times, the condensate is not able to drain through gravity to an existing drain line. This is the reason a condensate pump is essential to many residential and commercial applications.

The **SANICONDENS** is one of the most powerful pumps on the market with standard features that no competitor can match. A unique stylish design prevails over other models in its class. A standard safety switch along with an incorporated check valve and its distinctive design makes the **SANICONDENS** the logical choice for removal of condensate from air conditioners and high-efficiency gas furnaces.
PRODUCT LINE TO MEET ALL NEEDS
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. For a complete line of products, please visit our website at www.saniflo.com.

SIMPLE AND 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.

BEST QUALITY IN THE MARKET
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.

Our products are recognized throughout North America and are approved by major plumbing codes.

RELIABLE 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.

Technicians are available for any technical advice, installation questions and issues concerning our products. In the US, please call (800) 571-8191. For Canadian customers, please call (800) 363.5874.

MAINTENANCE FREE
The motor of Saniflo’s macerating units have no gears or brushes to wear out. It is filled with oil and sealed at our factory which provides a problem-free product.

ADDITIONAL REASONS
• More than 6.5 Million units sold worldwide
• Fully Certified and meets national codes
• International Plumbing Code (IPC) listed
• Uniform Plumbing Code (UPC) listed
• National Standard Plumbing Code (NSPC) listed
• CSA Certified - CSA Listed
• International Association of Plumbing and Mechanical Code (IAPMO) listed
• 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

THE 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 toilet, complete bathroom or even a laundry room anywhere.

What does Saniflo offer you?

You now have all the information you need to install a bathroom, kitchen or laundry room anywhere you want without any major construction. On the next pages, you can read a couple of press releases about our Saniflo products and their installations.

If you have any installation questions about our products or possible applications, please contact our technical department:
USA Toll Free: 1-800-571-8191 / Canada Toll Free: 1-800-363-5874
SANIFLO DELIVERS AND SOLVES A MAJOR POLLUTING PROBLEM BY MATTABESSET RIVER IN CONNECTICUT

A sprawling commercial complex in Connecticut has held an important place in the state’s economic history since 1897. The cutting-edge manufacturing hub and center of heavy industry meant technological advancement and jobs. But over the decades, the work took an environmental toll on the area, contaminating the surrounding soil and groundwater while also polluting the nearby Mattabesset River.

THE PROBLEM:
The building was a disaster when the city took it over, says the Director of Planning, Conservation and Development. The property was never tied into the sanitary sewer system. When it was built in 1890, the plumbing was designed to flow into the nearby river. When the project began, the city began looking for a way to solve the plumbing problem. The sewer lines were 15 to 20 feet in the ground. Making matters worse, contamination was found nearly everywhere, so digging to install new sewer lines and plumbing wasn’t an option either. There was still a further challenge: The building is 950 feet long — more than three football fields — so engineers had to develop a solution for pumping sewage across this expanse plus another 100 feet or so beyond its walls to the sewer main.

THE SOLUTION:
The result was the installation of five Sanicubic duplex grinder systems, positioned at intervals along the entire length of the building. Each would pump effluent up through small-diameter pipe into the main, positioned near the ceiling, and out to the sewer. The five Sanicubic duplex grinders handle waste water from all 12 plumbing fixtures in the building’s two long floors: five toilets, two urinals, four sinks, and a shower.

The five Sanicubic units sit on the ground floor, pumping the combined effluent from the 12 fixtures more than 1,000 feet to the city sewer. If there had been no contamination around the building, it might have made sense to install new drainage pipe, but it still would not be the best solution because you don’t want the maintenance of a septic system the rest of your life. The Sanicubic technology was the best choice.
SANIFLO BRINGS ADDITIONAL BATHROOMS TO CONDOS AND OTHER TIGHT SPACES

Above-Floor plumbing technology permits small space installations with no extensive renovations!

Condo sales and renovations are on the rise across Canada and many people face stringent Board regulations on large-scale unit renovations, such as adding another bathroom. SANIFLO’s above-floor plumbing technology enables a full or half bathroom installation with minimal renovations, which meets standard property provisions and is perfect for condo owners!

THE PROBLEM:
A customer lived in a small, open concept condo with a single bathroom accessible only from her bedroom. Ms. C requested to add a second bathroom but was denied by the condo review board, as a traditional toilet installation would have required her to break floors and tap into the neighbors’ plumbing infrastructure.

THE SOLUTION:
By re-orienting a small first floor laundry room and using Saniflo’s SANITOP model, Ms. C gained a half bathroom - complete with a toilet, sink and all laundry facilities - in only 1 day! The SANITOP is Saniflo’s first external macerating unit designed specially for half bathrooms. It features two inlets, one for the toilet and the other for the sink, and its compact size makes it the smallest macerator available on the market. Because it uses small pipes, the system allows the installation of the drainage pipes without having to break through walls and floors, which reduces installation time and the mess caused by renovations.
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 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 ¼ 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 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.

Can I discharge the waste by means of upward slopes?
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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.

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/Saniplus/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 pumped 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 filter is fitted in the supply line before it enters the water closet. The Sanicompact uses a solenoid valve and if a particle gets stuck between the valve and the body, leakage may occur.

How long will macerating systems last?
A national recognized laboratory tested the Saniplus system for 50,000 cycles, e.g. flushed 10 x a day = 3650 x a year = 13.69 years lifetime. As this is a standard test, it was stopped after 50,000 cycles; therefore the Saniplus may last much longer.

Should I winterize the system?
When installed in areas that are prone to freezing, all parts need to be properly drained, e.g. the macerating unit, the discharge piping, the tank, the supply pipe etc. Alternatively, plumbers anti freeze may be poured into the system until the macerating systems start up.

Does the system need maintenance?
No, the motor is filled with oil and sealed for life.

Where can we purchase parts?
Parts can be purchased through our Technical Department by calling toll free 800-571-8191 (US) or 800-363-5874 (CDN) and from our website at www.saniflo.com and www.saniflo.ca

What warranty is provided by Saniflo?
The pump units have a 2-year warranty while the porcelain (toilet bowl and tank) have a 1-year warranty from date of purchase.

What is the normal operation of the pump units?
The pump operation varies depending on the usage. If water is flowing at a continuous rate into the pump, it will cycle several times as it is trying to empty the constant flow.

Does Saniflo offer other toilet designs?
We offer toilets with elongated bowls for greater comfort. Some of our toilets are also ADA compliant and measure 16½ inches in height.
# THE SANIFLO LINE
Macerating Toilet Systems and Gray Water Pumps

## External Units

<table>
<thead>
<tr>
<th>Model</th>
<th>Distance Up</th>
<th>Distance Long</th>
<th>Pipe Size</th>
<th>Max. Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>SANITOP</td>
<td>✓</td>
<td></td>
<td>12' (3.7m)</td>
<td>104°F (40°C)</td>
</tr>
<tr>
<td>SANIPLUS</td>
<td>✓</td>
<td></td>
<td>15' (4.6m)</td>
<td>104°F (40°C)</td>
</tr>
<tr>
<td>SANIBEST</td>
<td>✓</td>
<td></td>
<td>18' (5m)</td>
<td>104°F (40°C)</td>
</tr>
<tr>
<td>SANIGRIND</td>
<td>✓</td>
<td></td>
<td>18' (5m)</td>
<td>104°F (40°C)</td>
</tr>
<tr>
<td>SANIPACK</td>
<td>✓</td>
<td></td>
<td>9' (3m)</td>
<td>104°F (40°C)</td>
</tr>
<tr>
<td>SANICUBIC</td>
<td>✓</td>
<td></td>
<td>36' (11m)</td>
<td>158°F (70°C)</td>
</tr>
<tr>
<td>SANICOMPACT</td>
<td>✓</td>
<td></td>
<td>9' (3m)</td>
<td>95°F (35°C)</td>
</tr>
<tr>
<td>SANISTAR</td>
<td>✓</td>
<td></td>
<td>9' (3m)</td>
<td>95°F (35°C)</td>
</tr>
<tr>
<td>SANIVITE</td>
<td>✓</td>
<td></td>
<td>16' (5m)</td>
<td>140°F (60°C)</td>
</tr>
<tr>
<td>SANISWIFT</td>
<td>✓</td>
<td></td>
<td>14' (4.3m)</td>
<td>140°F (60°C)</td>
</tr>
<tr>
<td>SANISHOWER</td>
<td>✓</td>
<td></td>
<td>12' (3.7m)</td>
<td>104°F (40°C)</td>
</tr>
<tr>
<td>SANICONDENS</td>
<td>✓</td>
<td></td>
<td>15' (4.6m)</td>
<td>160°F (70°C)</td>
</tr>
</tbody>
</table>

## Self-Contained Units

<table>
<thead>
<tr>
<th>Model</th>
<th>Distance Up</th>
<th>Distance Long</th>
<th>Pipe Size</th>
<th>Max. Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>SANICONDENS</td>
<td>This unit can be used for HVAC applications - boilers, air conditioners, etc.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## 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.