The solution to install a WC, a bathroom or a kitchen anywhere you want
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SFA Group, as inventor, designer and manufacturer has been a major actor in France’s and the world’s sanitary appliances market for 60 years. The Group has production units in France with ISO 9001 and ISO 14001 certification. This enables product quality to be controlled.

The Bregy plant is the Group’s historic factory: this is where the famous macerators that made the Groups’ name all over the world are manufactured. Over the years, Bregy has grown from its humble beginnings as an assembly facility to become a true production hub that’s almost self-sufficient. To master product quality from start to finish, nothing beats manufacturing yourself the components you need. With this in mind, we divided our 17,000-square meter plant into four units to better manage the production of: composite and rubber parts, motor manufacturing, component assembly and PCB design.

TODAY, SFA SOLUTIONS ARE SYNONYMOUS WITH “MADE IN FRANCE” QUALITY AND TECHNOLOGY.
The SFA range of small macerator pumps enables you to add an extra toilet and create a new shower room, kitchen or utility facilities anywhere.

Our products can be adapted to many different configuration and types of effluent (black water, grey/hot water, condensates).

Our products have been divided into 5 categories to make it simple to find the product you are looking for, quickly and easily:

**MACERATORS**

An external unit that is installed behind the rear discharge toilets to create a new WC or bathroom

**SANICOMPACT**

A WC unit with a built in macerator

**PUMPS**

Grey water units that can pump and discharge wastewater from sinks, dishwashers, laundry or washing machines

**LIFTING STATIONS**

Floor-standing pumps for grey and black water

**CONDENSATE PUMPS**

Lift units for acidic waste from condensate boilers, air conditioning units, etc.

**WHY CHOOSE SANIFLO PRODUCTS?**

- Market leader for macerators: 60 YEARS of expertise
- Easy installation
- Easy access for simple maintenance
- Quiet operation
- Efficient motors
- Network of service engineers all around the World
The SFA range of macerators, pumps and lifting stations offers intelligent and dedicated solutions to provide more and more sanitary options, in places where gravity drainage is not possible. Reliable and perfectly suited for intensive use, SFA products can be installed anywhere, without the need for major building works.

Advantages of SFA products:

• Vertical discharge: installation from basement to attic
• Horizontal discharge: installation far away from the soil stack or sewer
• Cost-effective solution: easy and quick installation without requiring major work where gravity drainage is not possible.
NEED AN ADDITIONAL EN-SUITE? TRY A SANIPRO® XR

WANT A SHOWER IN THE EN-SUITE? POSSIBLE WITH A SANISHOWER®

PROBLEMS REMOVING KITCHEN WATER WASTE? YOU NEED A SANISPEED®

NEED TO PUMP BATH WATER WASTE? POSSIBLE WITH A SANIACCESS® Pump

GREY AND BLACK WATER DRAINAGE POSSIBLE WITH SANIPUMP®

AIR-CONDITIONING DRIPPING? YOU NEED A SANICONDENS® Clim Mini

CONVERT THE GARAGE INTO A LAUNDRY ROOM AND COLLECT ALL THE SEWAGE FROM THE HOUSE THANKS TO SANICUBIC® 1 WP

NOT MUCH ROOM TO MAKE A CLOAKROOM? POSSIBLE WITH A SANICOMPACT® 43

TAKE AWAY ACIDIC BOILER CONDENSATE. USE A SANICONDENS® Best
If the SFA macerators have remained the industry standard since their inception, it is thanks to the Group’s constant efforts in research and development. Noise levels, accessibility and design are all key elements in meeting our users’ needs.

OUR CUTTING SYSTEMS

**SINGLE BLADE KNIFE**

The single-blade knife chops the effluent into fine particles. The rotary steel blade dilacerates materials and toilet paper and the black water is discharged in the same axis.

**MULTI-BLADE DISC**

The multi-blade disc macerates by dilaceration. This technology is featured in the SANICOMPACT® range and acts as a turbine.

**PROX K2 KNIFE**

The Prox K2 knife is suitable for heavy usage. It will accept accidental flushing of sanitary items such as toilet wipes, periodical tampons, sanitary towels, condoms.

**VORTEX DISC KX V6**

SFA products also feature Vortex technology. This technology allows for 50 mm clearance to meet the most demanding applications.

THESE DISCRETE BLACK WATER PUMPING SOLUTION RELY ON THE EFFICIENT PERFORMANCE OF THE MACERATING SYSTEMS INSIDE THE UNITS.
### MACERATORS

<table>
<thead>
<tr>
<th>Model</th>
<th>WC</th>
<th>Wall-hung WC</th>
<th>Wash basin</th>
<th>Bidet</th>
<th>Shower</th>
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</thead>
<tbody>
<tr>
<td>SANIFLO®</td>
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<tr>
<td>SANIACCESS® 1</td>
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<td>SANITOP®</td>
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<td>SANIACCESS® 2</td>
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<tr>
<td>SANIPRO® XR</td>
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<td>SANIACCESS® 3</td>
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<td>SANIPLUS®</td>
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<td>SANIPACK®</td>
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<tr>
<td>SANIWALL® Pro Up</td>
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<tr>
<td>SANIBEST® Pro</td>
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<tr>
<td>SANIGRIND® Pro</td>
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</tbody>
</table>

- The leading brand in the market
- Products with clean lines and “quiet” technology
- More efficient motors (only 400 W)
- Easy maintenance
SANIFLO®

Discharge pipework 22 / 32 mm
IP rating IP 44
Electrical power supply 220-240 V / 50-60 Hz
Motor power 400 W
Weight 5.6 kg
Non-return valve included
Active carbon filter included

VERTICAL AND HORIZONTAL DISCHARGE: 4 m  100 m

BENEFITS
• Ideal for one WC
• Suitable for use in a basement or loft conversion
• Unobtrusive with a quiet motor

The original macerator pump for an extra WC anywhere you want.
**Benefits**

- Double access: to the cutting system and electric components without removal of the unit
- Quiet technology

**Sani Access®**

- Discharge pipework: 22/28/32 mm
- IP rating: IP 44
- Electrical power supply: 220-240 V / 50-60 Hz
- Motor power: 400 W
- Weight: 6.6 kg
- Non-return valve: included
- Active carbon filter: included

**Vertical and horizontal discharge:** ↑ 5 m → 100 m

**Double access:**
- To the cutting system area for easy removal of any large objects that may have been accidentally flushed
- To the electrical components for periodic maintenance

**Flow rate (l/min)**

**Height (m)**
VERTICAL AND HORIZONTAL DISCHARGE: \(5\ m \rightarrow 100\ m\)

**SFA’s best seller!**

Similar to the original Saniflo but allows connection of a WC and a wash basin to one macerator pump.

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**SANITOP®**

- Inlets diameter: 40 mm
- Discharge pipework: 22/28/32 mm
- IP rating: IP 44
- Electrical power supply: 220-240 V / 50-60 Hz
- Motor power: 400 W
- Weight: 5.7 kg
- Non-return valve: included
- Active carbon filter: included

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**BENEFITS**

- One top waste inlet
- Unobtrusive with a quiet motor

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**MACERATORS**
With its small tank and top inlet, Saniaccess 2 can be used to pump out waste water from a toilet and a wash basin together.

**VERTICAL AND HORIZONTAL DISCHARGE:**

- **Inlets diameter:** 40 mm
- **Discharge pipework:** 22/28/32 mm
- **IP rating:** IP 44
- **Electrical power supply:** 220-240 V / 50-60 Hz
- **Motor power:** 400 W
- **Weight:** 6.8 kg
- **Non-return valve:** included
- **Active carbon filter:** included

**BENEFITS**

- Easy service access
- Quiet technology
Used to add a complete bathroom. The Sanipro XR can easily deal with a WC, wash basin, bidet and a power shower.

**SANIPRO® XR**

- **Inlets diameter**: 40 mm
- **Discharge pipework**: 22/28/32 mm
- **IP rating**: IP 44
- **Electrical power supply**: 220-240 V / 50-60 Hz
- **Motor power**: 400 W
- **Weight**: 7 kg
- **Non-return valve**: included
- **Active carbon filter**: included

**VERTICAL AND HORIZONTAL DISCHARGE**: ↑5 m → 100 m

**BENEFITS**

- Compact, neat and unobtrusive
- 3 inlets: one on each side and 1 top inlet
- Quiet technology
Designed to provide easy access for an ensuite bathroom application.

Double access:
- To the cutting system area for easy removal of any large objects that may have been accidentally flushed
- To the electrical components for periodic maintenance

Inlets diameter: 40 mm
Discharge pipework: 22/28/32 mm
IP rating: IP 44
Electrical power supply: 220-240 V / 50-60 Hz
Motor power: 400 W
Weight: 7.5 kg
Non-return valve: included
Active carbon filter: included

VERTICAL AND HORIZONTAL DISCHARGE: 5 m 100 m

Benefits:
- Easy maintenance without removal of the unit
- Quiet technology
- 3 inlets: 1 on each side and 1 top inlet
Its high capacity tank enables Saniplus to pump away large quantities of waste waters from the bathroom. Its specific motor enables it to function for longer periods.

Inlets diameter 40 mm
Discharge pipework 22/28/32 mm
IP rating IP 44
Electrical power supply 220-240 V / 50-60 Hz
Motor power 400 W
Weight 7.4 kg
Non-return valve included
Active carbon filter included

VERTICAL AND HORIZONTAL DISCHARGE: ↑ 5 m  → 100 m

- 3 inlets and a greater tank capacity
- Works with high output power showers
A macerator pump specially designed to be installed directly and discreetly in the wall for wall-hung sanitaryware.

**SANIPACK®**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inlets diameter</td>
<td>40 mm</td>
</tr>
<tr>
<td>Discharge pipework</td>
<td>22/28/32 mm</td>
</tr>
<tr>
<td>IP rating</td>
<td>IP 44</td>
</tr>
<tr>
<td>Electrical power supply</td>
<td>220-240 V / 50-60 Hz</td>
</tr>
<tr>
<td>Motor power</td>
<td>400 W</td>
</tr>
<tr>
<td>Maximum distance from the toilet</td>
<td>50 cm</td>
</tr>
<tr>
<td>Weight</td>
<td>6.8 kg</td>
</tr>
<tr>
<td>Non-return valve</td>
<td>included</td>
</tr>
<tr>
<td>Active carbon filter</td>
<td>included</td>
</tr>
</tbody>
</table>

**VERTICAL AND HORIZONTAL DISCHARGE:** 5 m → 100 m

**BENEFITS**

- Ideally suited for fitted bathrooms
- Extra slim dimensions
- The macerator for wall-hung toilets

Anticipate a removable trapdoor for an easy access to the macerator.
A built-in frame system designed to accommodate all types of wall-hung WC (not supplied). Saniwall has a dual flush system and an integrated macerator pump.

**SANIWALL® Pro**

- Inlets diameter: 40 mm
- Discharge pipework: 22 / 32 mm
- IP rating: IP 44
- Electrical power supply: 220-240 V / 50-60 Hz
- Motor power: 400 W
- Cistern dual flush: 3 L/6 L
- Weight: 15 kg
- Glass panels included
- Flush plate included
- Adjustable feet allow variable heights of pan
- Non-return valve included
- Active carbon filter included

**VERTICAL AND HORIZONTAL DISCHARGE:**
- V1: For fixation into the floor (non-loadbearing walls), wall anchorings supplied (WALLPROUPSTD)
- V2: For fixation into rails or into loadbearing walls (WALLPROUPD)

**BENEFITS**

- Designed with Grohe cistern technology
- Built in Grohe frame system with an elegant glass wall covering
- Grohe chromed flush plate included
- Quiet flush system
- Access trap for easy maintenance
**SANIBEST® Pro**

**BENEFITS**
- Ideal for public usage
- Ideal for heavy usage applications
- Vertical discharge: 7m
- Easy access to electronic components

**VERTICAL AND HORIZONTAL DISCHARGE:**
- Height (m): 7 m → 110 m

**Specifications:**
- Inlets diameter: 40 mm
- Discharge pipework: 22/28/32 mm
- IP rating: IP 44
- Electrical power supply: 220-240 V / 50-60 Hz
- Motor power: 1100 W
- Weight: 12 kg
- Non-return valve: included
- Active carbon filter: included

**Flow rate (l/min):**
- 7 m: 269
- 110 m: 154

**Features:**
- Robust blade suitable for heavy usage
- Designed to handle accidental flushing of sanitary items
- Cover gives direct access to electronic components

**Technical Details:**
- IP rating: IP 44
- Electrical power supply: 220-240 V / 50-60 Hz
- Motor power: 1100 W
- Weight: 12 kg
- Non-return valve: included
- Active carbon filter: included
**SANIGRIND® Pro**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inlets diameter</td>
<td>40 mm</td>
</tr>
<tr>
<td>Discharge pipework</td>
<td>22/28/32 mm</td>
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<tr>
<td>IP rating</td>
<td>IP 44</td>
</tr>
<tr>
<td>Electrical power supply</td>
<td>220-240 V / 50-60 Hz</td>
</tr>
<tr>
<td>Motor power</td>
<td>1100 W</td>
</tr>
<tr>
<td>Weight</td>
<td>12 kg</td>
</tr>
<tr>
<td>Non-return valve</td>
<td>included</td>
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<tr>
<td>Active carbon filter</td>
<td>included</td>
</tr>
</tbody>
</table>

**VERTICAL AND HORIZONTAL DISCHARGE:**

- Vertical discharge: 7 m → 110 m

**EASY SERVICE ACCESS PANEL**

**Benefits**

- Ideal for public usage
- Vertical discharge: 7 m
- The possibility to lower the pump

**Cover gives direct access to electronic components**

**Robust blade suitable for heavy usage. Designed to handle accidental flushing of sanitary items.**

**Grinders**

- Inlets diameter
- Discharge pipework
- IP rating
- Electrical power supply
- Motor power
- Weight
- Non-return valve
- Active carbon filter

**MACERATORS**
### SANICOMPACT

<table>
<thead>
<tr>
<th></th>
<th>WC</th>
<th>Wall-hung WC</th>
<th>Wash basin</th>
<th>Dual flush system</th>
</tr>
</thead>
<tbody>
<tr>
<td>SANICOMPACT® 43</td>
<td>•</td>
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<tr>
<td>SANICOMPACT® Pro</td>
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<tr>
<td>SANICOMPACT® Comfort</td>
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</tbody>
</table>

- A RANGE OF TOILETS WITH BUILT-IN MACERATOR
- NEEDS NO CISTERN, INTEGRATES THE FLUSHING SYSTEM
- COMFORT OF USE THANKS TO THE SOFT CLOSE SEAT
- HYGIENE GUARANTEED BY THE ANTI-LIMESCALE COATING
The most compact cisternless toilet with built-in macerator. Ideal for tight spaces.

SANICOMPACT® 43

Allows a wash basin connection
Wash basin connection diameter 40 mm
Recommended waste pipe diameter 32 mm
Electrical power supply 220-240 V / 50-60 Hz
Motor power rating 550 W
Weight 26 kg
Dual flush system 1.8 L / 3 L

Quiet
Bowl with anti-limescale coating
Soft closing toilet seat supplied
Non-return valve included
Fixing kit included

VERTICAL AND HORIZONTAL DISCHARGE:
↑ 3 m → 30 m

BENEFITS

- A WC with built-in macerator
- Compact dimensions
- Needs no cistern, integrates the flushing system
- Features a soft-close toilet seat
**SANICOMPACT® Pro**

- Allows a wash basin connection
- Wash basin connection diameter: 40 mm
- Recommended waste pipe diameter: 32 mm
- Electrical power supply: 220-240 V / 50-60 Hz
- Motor power rating: 550 W
- Weight: 27 kg
- Dual flush system: 1.8 L / 3 L
- Quiet
- Bowl with anti-limescale coating
- Soft closing toilet seat supplied
- Non-return valve included
- Fixing kit included

**VERTICAL AND HORIZONTAL DISCHARGE:**

<table>
<thead>
<tr>
<th>Flow rate (l/min)</th>
<th>Height (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>70</td>
<td>3</td>
</tr>
<tr>
<td>90</td>
<td>2</td>
</tr>
<tr>
<td>110</td>
<td>1</td>
</tr>
</tbody>
</table>

**BENEFITS**

- A WC with built-in macerator
- Needs no cistern, integrates the flushing system
- Features a soft-close toilet seat
**SANICOMPACT® Comfort**

- Allows a wash basin connection
- Wash basin connection diameter: 40 mm
- Recommended waste pipe diameter: 32 mm
- Electrical power supply: 220-240 V / 50-60 Hz
- Motor power rating: 550 W
- Weight: 32 kg
- Dual flush system: 1.8 L / 3 L
- Quiet
- Bowl with anti-limescale coating
- Soft closing toilet seat supplied
- Non-return valve included
- Fixing kit included

**VERTICAL AND HORIZONTAL DISCHARGE:**
- 3 m → 30 m

---

**BENEFITS**

- A WC with a built-in macerator
- Needs no cistern, integrates flushing system
- Features a soft-close toilet seat

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**Wall-hung toilet with a built-in macerator. With its modern design and economical flush system, Sanicompact Comfort will fit into any bathroom.**
## PUMPS

<table>
<thead>
<tr>
<th></th>
<th>Wet room</th>
<th>Low raised shower tray</th>
<th>Shower</th>
<th>Wash basin</th>
<th>Bidet</th>
<th>Bath</th>
<th>Dishwasher</th>
<th>Washing machine</th>
<th>Sink</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SANIFLOOR® +1</strong></td>
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<td><strong>SANIFLOOR® +2</strong></td>
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<td><strong>SANISHOWER® Flat</strong></td>
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<td><strong>SANISHOWER®</strong></td>
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<td><strong>SANISPEED®</strong></td>
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<tr>
<td><strong>SANIACCESS® Pump</strong></td>
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<td><strong>SANICOM® 1</strong></td>
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</table>

- Domestic and commercial pumps renowned for their quiet operation
- Many possible layouts: easy to install and having a small footprint
- In a bathroom, a laundry room or a kitchen; wherever you want without major works
Our grey waste water pumps are ideal for renovating a home, an office, a restaurant or public buildings. Each allows you to install additional facilities such as kitchens, kitchenettes, laundry rooms and washing facilities anywhere you choose, even if it is remote from or below the existing sewer line.

Thanks to its ability to evacuate grey waste water without the need to rely on traditional gravity fed plumbing methods, you won't need to cut concrete and disturb your neighbours. Indeed these waste lines can be concealed in wall cavities.

Various restaurants, spa centers, business offices but also public buildings like schools, hospitals, hotels, bars, airports and museums are equipped with SFA units.
GREY WATER PUMPS BENEFITS

**QUIET TECHNOLOGY**

**POWERFUL**
- Powerful motor
- High flow rate

**RELIABLE**
- Runs on closed system
- No risk of overflow

**NO BAD SMELL**

**HANDLES HIGH TEMPERATURE**
- Up to 90° C

**STANDS ON THE FLOOR**
- No need to dig trenches, or cut the concrete
- Easy to install

**LOW LEVEL ACTIVATION**

**PRE-ASSEMBLED SYSTEM READY TO CONNECT**
- Up to 4 inlets Ø40
INSTALL YOUR NEW SHOWER ANYWHERE

0 CM

**SANI[FLOOR® +1&2**

Pump + gully
Perfect for level access shower or wet room.

SHOWER ACCESS HEIGHT: 0 CM

2 CM

**SANI[FLOOR® +3**

Pump + gully
Perfect for level access shower or wet room.

SHOWER ACCESS HEIGHT: 2 CM

8 CM

**SANI[SHOWER® Flat**

Pump + gully
For low level tray.

SHOWER ACCESS HEIGHT: 8 CM

12 CM

**SANI[SHOWER®**

Pump
Standard shower tray.

SHOWER ACCESS HEIGHT: 12 CM

15 CM

**SANISPEED® SANIVITE® SANIACCESS® Pump**

Pumps
Standard shower tray.

SHOWER ACCESS HEIGHT: 15 CM
Sanifloor®®

Designed specifically where floor drainage is required but where space underneath is very limited e.g. wet rooms. The New Sanifloor + is wireless.

This two part kit composed of a powerful shower waste pump and a choice of three gully models can pump up to 3m vertically as well as 30m horizontally. The wireless models allow for easier installation and facilitates wireless communication between the pump and the shower waste.

**Technical Data**
- **Maximum Flow Rate**: 30 L/min at 1 m
- **Vertical and Horizontal Discharge**: 3 m / 30 m
- **IP Rating**: IP 44
- **Discharge Pipe Diameter**: Ø ext. 32 mm
- **Weight**
  - Sanifloor +1: 8.6 kg
  - Sanifloor +2: 8.2 kg
  - Sanifloor +3: 8 kg
- **Non-return Valve Included**

**Motor Data**
- **Electrical Power Supply**: 220-240 V / 50-60 Hz
- **Electrical Power Rating**: 400 W
- **Maximum Current Input**: 1.7 A
- **Electrical Class**: I
- **Thermally Protected**
- **Automatic Activation**: Float and ILS system

**Materials**
- **Motor Body**: Polyamide
- **Pump Cover Plate**: Polyamide
- **Impeller**: Noryl
- **Motor Shaft**: Stainless Steel
- **O-Ring**: Nitrile
- **Sealing Ring**: Nitrile

Made in France

Installation Diagram

Maximum Vertical Distance Between Pump and Gully: 30 cm

Water Drainage

Control Wire

3 m

30 m
Its small dimensions and starting level makes the Sanishower perfectly adapted to fit under a shower tray or discreetly within a piece of furniture. The second inlet gives the possibility to install a wash basin or bidet.

**TECHNICAL DATA**

- **Maximum flow rate**
  - Sanishower: 70 L/min
  - Sanishower Flat: 45 L/min

- **Shut-off head (Q=0 l/min)**
  - Sanishower: 6 m
  - Sanishower Flat: 5 m

- **IP rating**
  - IP 44

- **Tank volume**
  - 3.5 L

- **Free passage**
  - Sanishower: 8 mm
  - Sanishower Flat: 5 mm

- **Discharge pipe diameter**
  - Ø ext. 32 mm

- **Inlets diameter**
  - Sanishower: 1 inlet Ø ext. 40 mm
  - Sanishower Flat: 1 inlet Ø ext. 40 mm

- **Low inlets height**
  - 31 mm

- **Activation level ON (compared to ground level)**
  - Sanishower: 60 mm
  - Sanishower Flat: 30 mm

- **Weight**
  - Sanishower: 4.6 kg
  - Sanishower Flat: 5 kg

- **Non-return valve included**

**MOTOR DATA**

- **Electrical power supply**
  - Single-phase
  - 220-240 V / 50-60 Hz

- **Electrical power rating**
  - 250 W

- **Maximum current input**
  - 1.3 A

- **Electrical class**
  - I

- **Thermally protected**
  - Oil-filled

**MATERIALS**

- **Motor body**: Polyamide
- **Pump cover plate**: Polyamide
- **Impeller**: Polypropylene
- **Motor shaft**: Stainless steel
- **O-Ring**: Nitrile
- **Sealing ring**: Nitrile
Sanivite’s powerful pump has 4 inlets for connection to domestic sinks or appliances. Its compact dimensions makes it the perfect solution to install a kitchen or a sink anywhere.

### TECHNICAL DATA

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum flow rate</td>
<td>100 L/min</td>
</tr>
<tr>
<td>Shut-off head (Q=0 l/min)</td>
<td>8 m</td>
</tr>
<tr>
<td>Vertical and horizontal discharge</td>
<td>5 m / 50 m</td>
</tr>
<tr>
<td>IP rating</td>
<td>IP 44</td>
</tr>
<tr>
<td>Tank volume</td>
<td>10.4 L</td>
</tr>
<tr>
<td>Free passage</td>
<td>8 mm</td>
</tr>
<tr>
<td>Discharge pipe diameter</td>
<td>Ø ext. 32 mm</td>
</tr>
<tr>
<td>Inlets diameter</td>
<td>4 inlets Ø ext. 40 mm</td>
</tr>
<tr>
<td>Low inlets height (compared to ground level)</td>
<td>46 mm</td>
</tr>
<tr>
<td>Activation level ON (compared to ground level)</td>
<td>115 mm</td>
</tr>
<tr>
<td>Maximum admissible waste water temperature</td>
<td>60°C (max 5 min)</td>
</tr>
<tr>
<td>Weight</td>
<td>6.2 kg</td>
</tr>
<tr>
<td>Non-return valve included</td>
<td></td>
</tr>
</tbody>
</table>

### MOTOR DATA

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical power supply</td>
<td>Single-phase</td>
</tr>
<tr>
<td></td>
<td>220-240 V / 50-60 Hz</td>
</tr>
<tr>
<td>Electrical power rating</td>
<td>400 W</td>
</tr>
<tr>
<td>Maximum current input</td>
<td>2 A</td>
</tr>
<tr>
<td>Electrical class</td>
<td>I</td>
</tr>
<tr>
<td>Thermally protected</td>
<td></td>
</tr>
<tr>
<td>Oil-filled</td>
<td></td>
</tr>
</tbody>
</table>

### MATERIALS

<table>
<thead>
<tr>
<th>Component</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor body</td>
<td>Polyamide</td>
</tr>
<tr>
<td>Pump cover plate</td>
<td>Polyamide</td>
</tr>
<tr>
<td>Impeller</td>
<td>Polyamide</td>
</tr>
<tr>
<td>Motor shaft</td>
<td>Stainless steel</td>
</tr>
<tr>
<td>O-Ring</td>
<td>Nitrile</td>
</tr>
<tr>
<td>Sealing ring</td>
<td>Nitrile</td>
</tr>
</tbody>
</table>
Designed to provide easy access for grey water pumping applications such as kitchens and utility rooms, convenient covers allow simple service and maintenance of the pump without having to remove it.

Double access:
- To the basket area for easy removal of any large objects that may have been accidentally flushed
- To the electrical components for periodic maintenance

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum flow rate</td>
<td>80 L/min</td>
</tr>
<tr>
<td>Shut-off head (Q=0 l/min)</td>
<td>8 m</td>
</tr>
<tr>
<td>Vertical and horizontal discharge</td>
<td>5 m / 50 m</td>
</tr>
<tr>
<td>IP rating</td>
<td>IP 44</td>
</tr>
<tr>
<td>Tank volume</td>
<td>11.7 L</td>
</tr>
<tr>
<td>Free passage</td>
<td>8 mm</td>
</tr>
<tr>
<td>Discharge pipe diameter</td>
<td>Ø ext. 32 mm</td>
</tr>
<tr>
<td>Inlets diameter</td>
<td>3 inlets Ø ext. 40 mm</td>
</tr>
<tr>
<td>Low inlets height (compared to ground level)</td>
<td>44 mm</td>
</tr>
<tr>
<td>Activation level ON (compared to ground level)</td>
<td>95 mm</td>
</tr>
<tr>
<td>Activation method</td>
<td>Membrane</td>
</tr>
<tr>
<td>Maximum admissible waste water temperature</td>
<td>75°C (max 5 min)</td>
</tr>
<tr>
<td>Weight</td>
<td>7.2 kg</td>
</tr>
<tr>
<td>Non-return valve included</td>
<td></td>
</tr>
</tbody>
</table>

**MOTOR DATA**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical power supply</td>
<td>Single-phase</td>
</tr>
<tr>
<td>Electrical power rating</td>
<td>400 W</td>
</tr>
<tr>
<td>Maximum current input</td>
<td>1.7 A</td>
</tr>
<tr>
<td>Electrical class</td>
<td>I</td>
</tr>
<tr>
<td>Thermally protected</td>
<td></td>
</tr>
<tr>
<td>Oil-filled</td>
<td></td>
</tr>
</tbody>
</table>

**MATERIALS**

- Motor body: Polyamide
- Pump cover plate: Polyamide
- Impeller: Polypropylene
- Motor shaft: Stainless steel
- O-Ring: Nitrile
- Sealing ring: Nitrile

**Grease trap recommended**
Ideal for light commercial environments, this powerful grey water pump can be used to evacuate grey waste water from shops, cafés, offices, bars and even dental cabinets.

**SANISPEED®**

**TECHNICAL DATA**
- Maximum flow rate: 110 L/min
- Shut-off head (Q=0 l/min): 9 m
- IP rating: IP 44
- Tank volume: 10.4 L
- Free passage: 8 mm
- Discharge pipe diameter: Ø ext. 32 mm
- Inlets diameter: 4 inlets Ø ext. 40 mm
- Low inlets height (compared to ground level): 46 mm
- Activation level ON (compared to ground level): 115 mm
- Activation method: Membrane
- Maximum admissible waste water temperature: 75°C (max 5 min)
- Weight: 6.8 kg
- Non-return valve included

**MOTOR DATA**
- Electrical power supply: Single-phase
  - 220-240 V / 50-60 Hz
- Electrical power rating: 400 W
- Maximum current input: 2 A
- Electrical class: I
- Thermally protected
- Oil-filled

**MATERIALS**
- Motor body: Polyamide
- Pump cover plate: Polyamide
- Impeller: Polyamide
- Motor shaft: Stainless steel
- O-Ring: Nitrile
- Sealing ring: Nitrile
SANICOM® 1

**BENEFITS**
- Ideal for commercial applications e.g. cleaning and catering sinks
- Heavy duty, safe, reliable pump
- Unit operates automatically

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th></th>
<th>SANICOM 1</th>
<th>SANICOM 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum flow rate</td>
<td>8 m³/h</td>
<td>16 m³/h</td>
</tr>
<tr>
<td>Shut-off head (Q=0 m³/h)</td>
<td>11 m</td>
<td>17 m</td>
</tr>
<tr>
<td>Vertical and horizontal discharge</td>
<td>8 m / 80 m</td>
<td>11 m / 110 m</td>
</tr>
<tr>
<td>IP rating</td>
<td>IP 44</td>
<td>IP 44</td>
</tr>
<tr>
<td>Tank volume</td>
<td>10 L</td>
<td>34.5 L</td>
</tr>
<tr>
<td>Free passage</td>
<td>8 mm</td>
<td>8 mm</td>
</tr>
<tr>
<td>Discharge pipe diameter</td>
<td>ø ext. 32 mm</td>
<td>ø ext. 50 mm</td>
</tr>
<tr>
<td>Inlets diameter</td>
<td>2 inlets</td>
<td>1 inlet</td>
</tr>
<tr>
<td></td>
<td>ø ext. 40 mm</td>
<td>ø ext. 40/50 mm</td>
</tr>
<tr>
<td></td>
<td>2 inlets</td>
<td>2 inlets</td>
</tr>
<tr>
<td></td>
<td>ø ext. 40/50/75 mm</td>
<td>ø ext. 40/50/75 mm</td>
</tr>
<tr>
<td>Low inlets height (compared to ground level)</td>
<td>50 mm</td>
<td>145 mm</td>
</tr>
<tr>
<td>Maximum admissible waste water temperature</td>
<td>90°C (max 5 min)</td>
<td></td>
</tr>
<tr>
<td>Activation method</td>
<td>Pressure switch, circuit board</td>
<td></td>
</tr>
<tr>
<td>Activation level ON-OFF (compared to ground level)</td>
<td>ON: 145 mm +/- 15 mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OFF: 70 mm</td>
<td></td>
</tr>
<tr>
<td>Alarm activation level ON (compared to ground level)</td>
<td>210 mm +/- 15 mm</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>12 kg</td>
<td>26 kg</td>
</tr>
<tr>
<td>Non-return valve included</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>
SANICOM® is an automatic powerful lifting station for grey water used in domestic and commercial environments. Suitable for multiple connections including a basin, shower, bidet, sink, dishwasher and washing machine.

SANICOM® 2 features powerful motors operating alternately for more intense use.

**BENEFITS**

- Ideal for heavy commercial applications
- External hard-wired alarm
- Handles high temperatures, up to 90°C for 5 min
WITH SFA PLUMB THE IMPOSSIBLE!
Discover the different possible applications and create your own.

Product benefits
• Easy and quick to install
• Working temperature of 75°C
• Silent operation
• Flow rate: >100L/min

STAFF KITCHEN
A SANISPEED® pump was discreetly installed to remove waste water from the sink to the main drainage pipe located on the upper level.

SANISPEED® pump installed to remove kitchen waste water.
## Floor-Standing Lifting Stations

<table>
<thead>
<tr>
<th></th>
<th>WC</th>
<th>Wall-hung wc</th>
<th>Shower</th>
<th>Wash basin</th>
<th>Bidet</th>
<th>Bath</th>
<th>Dishwasher</th>
<th>Washing machine</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Grinder: DISC PROX K2</strong></td>
<td><img src="image1.png" alt="Icon" /></td>
<td><img src="image2.png" alt="Icon" /></td>
<td><img src="image3.png" alt="Icon" /></td>
<td><img src="image4.png" alt="Icon" /></td>
<td><img src="image5.png" alt="Icon" /></td>
<td><img src="image6.png" alt="Icon" /></td>
<td><img src="image7.png" alt="Icon" /></td>
<td><img src="image8.png" alt="Icon" /></td>
</tr>
<tr>
<td><strong>SANICUBIC® 1 WP</strong></td>
<td><img src="image9.png" alt="Icon" /></td>
<td><img src="image10.png" alt="Icon" /></td>
<td><img src="image11.png" alt="Icon" /></td>
<td><img src="image12.png" alt="Icon" /></td>
<td><img src="image13.png" alt="Icon" /></td>
<td><img src="image14.png" alt="Icon" /></td>
<td><img src="image15.png" alt="Icon" /></td>
<td><img src="image16.png" alt="Icon" /></td>
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<tr>
<td><strong>SANICUBIC® 2 Classic</strong></td>
<td><img src="image17.png" alt="Icon" /></td>
<td><img src="image18.png" alt="Icon" /></td>
<td><img src="image19.png" alt="Icon" /></td>
<td><img src="image20.png" alt="Icon" /></td>
<td><img src="image21.png" alt="Icon" /></td>
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<td><img src="image23.png" alt="Icon" /></td>
<td><img src="image24.png" alt="Icon" /></td>
</tr>
<tr>
<td><strong>SANICUBIC® 2 Pro</strong></td>
<td><img src="image25.png" alt="Icon" /></td>
<td><img src="image26.png" alt="Icon" /></td>
<td><img src="image27.png" alt="Icon" /></td>
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<td><img src="image29.png" alt="Icon" /></td>
<td><img src="image30.png" alt="Icon" /></td>
<td><img src="image31.png" alt="Icon" /></td>
<td><img src="image32.png" alt="Icon" /></td>
</tr>
<tr>
<td><strong>Vortex: DISC KX V6</strong></td>
<td><img src="image33.png" alt="Icon" /></td>
<td><img src="image34.png" alt="Icon" /></td>
<td><img src="image35.png" alt="Icon" /></td>
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<td><img src="image39.png" alt="Icon" /></td>
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</tr>
<tr>
<td><strong>SANICUBIC® 1 VX</strong></td>
<td><img src="image41.png" alt="Icon" /></td>
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<td><img src="image43.png" alt="Icon" /></td>
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<td><img src="image47.png" alt="Icon" /></td>
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</tr>
<tr>
<td><strong>SANICUBIC® 2 VX</strong></td>
<td><img src="image49.png" alt="Icon" /></td>
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<td><img src="image51.png" alt="Icon" /></td>
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<td><img src="image55.png" alt="Icon" /></td>
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</tr>
</tbody>
</table>

### Submersible Sump Pump

<table>
<thead>
<tr>
<th></th>
<th>WC</th>
<th>Wall-hung wc</th>
<th>Shower</th>
<th>Wash basin</th>
<th>Bidet</th>
<th>Bath</th>
<th>Dishwasher</th>
<th>Washing machine</th>
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</thead>
<tbody>
<tr>
<td><strong>Grinder OR Vortex</strong></td>
<td><img src="image57.png" alt="Icon" /></td>
<td><img src="image58.png" alt="Icon" /></td>
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</tr>
<tr>
<td><strong>SANIPUMP®</strong></td>
<td><img src="image65.png" alt="Icon" /></td>
<td><img src="image66.png" alt="Icon" /></td>
<td><img src="image67.png" alt="Icon" /></td>
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<td><img src="image69.png" alt="Icon" /></td>
<td><img src="image70.png" alt="Icon" /></td>
<td><img src="image71.png" alt="Icon" /></td>
<td><img src="image72.png" alt="Icon" /></td>
</tr>
</tbody>
</table>

- Compact lifting stations for discharging grey and black water
- For individual or collective use: there is an appropriate product for every need
The SFA LIFTING STATIONS evacuate the black and grey waste water from toilets, bathrooms, kitchens or laundry rooms.

Particularly suited for a basement, the SFA SANICUBIC can simply be placed on the floor for a quick and easy installation.

SFA LIFTING STATIONS are specially developed for any type of application, either for individual use (private houses, small shops, small apartment blocks, commercial premises), or for collective facilities (schools, hospitals, hotels, bars, airports, museums).

SANICUBIC tanks are completely sealed (IP68). And for extra safety, an alarm system is installed on the device and remote module.
SANICUBIC® BENEFITS

**POWERFUL**

- Powerful motor (1 or 2)
- High-performance macerating system
- High flow rate

**NO BAD SMELL**

**WATERPROOF**

- IP68 certified

**RELIABLE**

- Runs on closed system (no risk of overflow)
- Accepts accidental flushing of sanitary items

**SAFETY**

- External control panel with LED power control and overload indicator
- Visual and audible external alarm box

**EASY TO INSTALL**

- Above the floor easy installation
- Lifting station ready to connect and add multiple fixtures
- No need to dig trenches or cut the concrete (doesn't compromise structural integrity)

**DIP TUBES**

- 2 tubes control motor operation
- 1 tube controls the alarm system
To determine the right SANICUBIC® lifting station, two elements need to be taken into account:

1 - INCOMING FLOW RATE

This is the quantity of water to be evacuated according to the type and number of devices connected to the lifting station. The flow measures the volume per unit of time. It is expressed in cubic metres per hour (m³/h) or in litres per second (l/s).

FLOW RATE ESTIMATE

On the basis of 1 home with 1 toilet, 1 bath, 1 shower and 1 washbasin

<table>
<thead>
<tr>
<th>Housing</th>
<th>Flow rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 housing (1 to 3 residents)</td>
<td>2.5 m³/h</td>
</tr>
<tr>
<td>up to 2 housing (4 to 6 residents)</td>
<td>5 m³/h</td>
</tr>
<tr>
<td>up to 4 housing (7 to 9 residents)</td>
<td>10 m³/h</td>
</tr>
<tr>
<td>up to 6 housing (10 to 12 residents)</td>
<td>15 m³/h</td>
</tr>
</tbody>
</table>

2 - THE TOTAL DYNAMIC HEAD (TDH)

The TDH is the pressure to be produced by the pump between the suction point and the point of discharge.

DETERMINING THE TOTAL DYNAMIC HEAD (TDH)

TDH = H geo + H v

H GEO = static head.
This is the pumping height expressed in meters.

H v = the sum of the pressure losses in the outlet pipe expressed in meters of water.

Pressure losses:
- friction of the fluid against the inner walls of the discharge pipe
- accidents in the pipe (elbow / check valves, etc.)

Pressure losses are expressed in meters of water. Consequently they need to be added to the geometric head to determine the Total Dynamic Head.

PRACTICAL EXAMPLE

2 homes are connected to a lifting station. The station needs to pump the waste water to a height of 4 m over a length of 10 m in a 50 mm outside diameter PVC pipe.

- Static head: 4 m.
- Pressure losses: The length of the pipe is 10 m.

For 2 homes, the estimated flow rate is 5 m³/h

According to the pressure losses table:

The height is 0.038 x 10 = 0.38 m

Needs for the station:

TDH = 4 + 0.38 = 4.38 m

Flow Rate = 5 m³/h

SANICUBIC 2 Classic and Pro meet the above mentioned requirements.
INSTALL TOILETS AND A KITCHEN IN THE BASEMENT FOR BANK STAFF

Product benefits
- Easy to install: Floor-standing
- High-performance grinding system
- Multiple inlets diameters (Ø ext. 40/50/100/110)
- 2 motors for more safety
- IP68 rated

Bank staff’s kitchen and toilets.
A **SANICUBIC® 2 Pro** lifting station was installed in the basement to remove waste water to the main pipe located at street level.

**SANICUBIC® 2 Pro** lifting station installed in the basement to remove waste water.
SANICUBIC® 1 lifting station, designed for individual houses or small commercial leases, is a powerful macerator pump that can discharge waste water from toilets, bathrooms, kitchens or utility rooms.

**TECHNICAL DATA**

- **Pump type**: GRINDER
- **Maximum flow rate**: 13 m³/h
- **Shut-off head (Q=0 l/min)**: 13.50 m
- **IP rating**: IP 68
- **Tank volume**: 32 L
- **Useful volume**: 10 L
- **Discharge pipe diameter**: Ø ext. 50 mm
- **Inlets diameter**: 1 inlet Ø ext. 40/50 mm
  3 inlets Ø ext. 40/50/100/110 mm
- **Vent diameter**: Ø ext. 50 mm
- **Low inlets height**: 140 mm
- **Maximum admissible waste water temperature**: 70°C (max 5 min)
- **Activation method**: Pressure switch, circuit board
- **Activation level ON-OFF (compared to ground level)**: ON: 145 mm +/- 15 mm
  OFF: 80 mm
- **Alarm activation level (compared to ground level)**: 210 mm +/- 15 mm
- **Weight**: 23 kg
- **Non-return valve included**: Yes

**MOTOR DATA**

- **Motor**: 1
- **Electrical power supply**: Single-phase, 220-240 V / 50-60 Hz
- **Electrical power rating**: 1500 W
- **Maximum current input**: 6 A
- **Electrical class**: I
- **Thermally protected**: Oil-filled

**MATERIALS**

- **Motor body**: Polyamide
- **Pump cover plate**: Polyamide
- **Impeller**: PA6
- **Motor shaft**: Stainless steel
- **O-Ring**: Nitrile
- **Sealing ring**: Nitrile

**CONTROL BOX**

- **External control box included**: Yes
- **Protection class**: IPX4

**ALARM BOX**

- **External audible and visual alarm box**: Yes
- **Wire**: 5 m
- **Protection class**: IP 20
SANICUBIC® 1 WP lifting station for individual houses or small commercial leases.
IP 68 rated.
Available IP67 model

External control box (cable 4m)

External audible and visual alarm (wire 5m)

External control box

Yellow LED
Main power supply

Red LED
Alarm

Yellow LED
Main alarm

Override

External alarm

Red LED
General Alarm

Yellow LED
Main alarm

Discharge

Ø ext. 50

Vent

Ø ext. 50

Inlet

Ø ext. 40/50
Ø ext. 100/110

Grinder: PROX K2 KNIFE

Grease trap recommended

Height (m)

Q = Flow rate (m³/h)

Made in FRANCE

LIFTING STATIONS

1 MOTOR
IP68

SANICUBIC® 1 WP

11 m

Grease trap recommended

Flow rate (m³/h)

0 5 10 15 20 25

0 3 6 9 12
SANICUBIC® 2 is a high performance grinding pump for residential and commercial applications. The two separate, load balanced pumps with high performance grinding systems operate alternately. In the event of inflow overload, both motors run at the same time.

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Pump type</th>
<th>GRINDER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum flow rate</td>
<td>13 m³/h</td>
</tr>
<tr>
<td>Shut-off head (Q=0 l/min)</td>
<td>13.50 m</td>
</tr>
<tr>
<td>IP rating</td>
<td>IP 68</td>
</tr>
<tr>
<td>Tank volume</td>
<td>45 L</td>
</tr>
<tr>
<td>Useful volume</td>
<td>17.5 L</td>
</tr>
<tr>
<td>Discharge pipe diameter</td>
<td>Ø ext. 50 mm</td>
</tr>
<tr>
<td>Inlets diameter</td>
<td>1 inlet Ø ext. 40/50 mm</td>
</tr>
<tr>
<td></td>
<td>4 inlets Ø ext. 40/50/100/110 mm</td>
</tr>
<tr>
<td>Vent diameter</td>
<td>Ø ext. 50 mm</td>
</tr>
<tr>
<td>Low inlets height</td>
<td>140 mm</td>
</tr>
<tr>
<td>Maximum admissible waste temperature</td>
<td>70°C (max 5 min)</td>
</tr>
<tr>
<td>Activation method</td>
<td>Pressure switch, circuit board</td>
</tr>
<tr>
<td>Activation level ON-OFF (compared to ground level)</td>
<td>ON: 145 mm +/- 15 mm</td>
</tr>
<tr>
<td></td>
<td>OFF: 60 mm</td>
</tr>
<tr>
<td>Alarm activation level (compared to ground level)</td>
<td>210 mm +/- 15 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>SANICUBIC 2 Classic 37 kg</td>
</tr>
<tr>
<td></td>
<td>SANICUBIC 2 Pro 36 kg</td>
</tr>
<tr>
<td></td>
<td>Non-return valve included</td>
</tr>
</tbody>
</table>

**MOTOR DATA**

- **Motor**: 2
- **Electrical power supply**: Single-phase 220-240 V / 50-60 Hz
- **Electrical power rating**: 2 x 1500 W
- **Maximum current input**: 13 A
- **Electrical class**: I
- **Thermal protection**: Oil-filled

**MATERIALS**

- **Motor body**: Polyamide
- **Pump cover plate**: Polyamide
- **Impeller**: PA6
- **Motor shaft**: Stainless steel
- **O-Ring**: Nitrile
- **Sealing ring**: Nitrile

**CONTROL BOX**

- **External control box included**: Protection class IPX4
- **Cable length**: 4 m

**ALARM BOX**

- **External audible and visual alarm box**: Wire length 5 m
- **Sanicubic 2 Classic**
- **Sanicubic 2 Pro**
- **Protection class**: IP 20
- **Can be connected to a Building Management System (BMS)**
SANICUBIC® 2 Classic and SANICUBIC® 2 Pro lifting stations for home and commercial uses.

Ideal for busy commercial situations where business continuity is important.

IP 68 rated.
SANICUBIC® 1 VX lifting station, designed for shops, restaurants and single-family houses, is a powerful pump that can discharge waste water from toilets, bathrooms, kitchens or utility rooms.

### TECHNICAL DATA

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pump type</td>
<td>VORTEX</td>
</tr>
<tr>
<td>Maximum flow rate</td>
<td>40 m³/h</td>
</tr>
<tr>
<td>Shut-off head (Q=0 l/min)</td>
<td>13 m</td>
</tr>
<tr>
<td>IP rating</td>
<td>IP 68</td>
</tr>
<tr>
<td>Tank volume</td>
<td>60 L</td>
</tr>
<tr>
<td>Useful volume</td>
<td>20 L</td>
</tr>
<tr>
<td>Discharge pipe diameter</td>
<td>Ø ext. 110 mm</td>
</tr>
<tr>
<td>Inlets diameter</td>
<td>3 inlets Ø ext. 40/50/100/110 mm</td>
</tr>
<tr>
<td>Vent diameter</td>
<td>Ø ext. 75 mm</td>
</tr>
<tr>
<td>Maximum admissible waste water</td>
<td>70°C (max 5 min)</td>
</tr>
<tr>
<td>temperature</td>
<td></td>
</tr>
<tr>
<td>Activation method</td>
<td>Pressure switch, circuit board</td>
</tr>
<tr>
<td>Activation level ON-OFF</td>
<td>ON: 165 mm +/- 15 mm</td>
</tr>
<tr>
<td>(compared to ground level)</td>
<td>OFF: 65 mm</td>
</tr>
<tr>
<td>Alarm activation level</td>
<td>230 mm +/- 15 mm</td>
</tr>
<tr>
<td>(compared to ground level)</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>30 kg</td>
</tr>
<tr>
<td>Non-return valve included</td>
<td></td>
</tr>
</tbody>
</table>

### MOTOR DATA

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor</td>
<td>1</td>
</tr>
<tr>
<td>Electrical power supply</td>
<td>Single-phase</td>
</tr>
<tr>
<td></td>
<td>220-240 V / 50-60 Hz</td>
</tr>
<tr>
<td>Electrical power rating</td>
<td>2000 W</td>
</tr>
<tr>
<td>Maximum current input</td>
<td>6 A</td>
</tr>
<tr>
<td>Electrical class</td>
<td>I</td>
</tr>
<tr>
<td>Thermally protected</td>
<td>Oil-filled</td>
</tr>
</tbody>
</table>

### MATERIALS

<table>
<thead>
<tr>
<th>Component</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor body</td>
<td>Polyamide</td>
</tr>
<tr>
<td>Pump cover plate</td>
<td>Polyamide</td>
</tr>
<tr>
<td>Impeller</td>
<td>PA6</td>
</tr>
<tr>
<td>Motor shaft</td>
<td>Stainless steel</td>
</tr>
<tr>
<td>O-Ring</td>
<td>Nitrile</td>
</tr>
<tr>
<td>Sealing ring</td>
<td>Nitrile</td>
</tr>
</tbody>
</table>

### CONTROL BOX

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>External control box included</td>
<td>IPX4</td>
</tr>
<tr>
<td>Protection class</td>
<td></td>
</tr>
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</table>

### ALARM BOX

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>External audible and visual alarm box</td>
<td>5 m</td>
</tr>
<tr>
<td>Protection class</td>
<td>IP 20</td>
</tr>
</tbody>
</table>
SANICUBIC® 1 VX lifting station for individual houses or small commercial leases. Large capacity tank. IP 68 rated.

External control box (cable 4m)
- Yellow LED: Main power supply
- Red LED: Alarm
- «Override»

External alarm
- Red LED: General Alarm
- Yellow LED: Main alarm

External audible and visual alarm (wire 5m)

VORTEX DISC KX V6

SANICUBIC® 1 VX lifting station for individual houses or small commercial leases. Large capacity tank. IP 68 rated.

External control box
- Yellow LED: Main power supply
- Red LED: Alarm
- «Override»

External alarm
- Red LED: General Alarm
- Yellow LED: Main alarm

VORTEX DISC KX V6

SANICUBIC® 1 VX lifting station for individual houses or small commercial leases. Large capacity tank. IP 68 rated.

External control box
- Yellow LED: Main power supply
- Red LED: Alarm
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External alarm
- Red LED: General Alarm
- Yellow LED: Main alarm

VORTEX DISC KX V6

SANICUBIC® 1 VX lifting station for individual houses or small commercial leases. Large capacity tank. IP 68 rated.

External control box
- Yellow LED: Main power supply
- Red LED: Alarm
- «Override»

External alarm
- Red LED: General Alarm
- Yellow LED: Main alarm

VORTEX DISC KX V6
The SANICUBIC® 2 VX is SFA’s largest lifting station for collective housing and commercial buildings handling up to 40m$^3$/hour of grey and black water via two 2KW pumps. It is easy to install as it stands on the floor.

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pump type</td>
<td>VORTEX</td>
</tr>
<tr>
<td>Maximum flow rate</td>
<td>Single-phase: 40 m$^3$/h</td>
</tr>
<tr>
<td></td>
<td>Three-phase: 55 m$^3$/h</td>
</tr>
<tr>
<td>Shut-off head (Q=0 m$^3$/h)</td>
<td>Single-phase: 13 m</td>
</tr>
<tr>
<td></td>
<td>Three-phase: 17 m</td>
</tr>
<tr>
<td>IP rating</td>
<td>Single-phase: IP 68</td>
</tr>
<tr>
<td></td>
<td>Three-phase:</td>
</tr>
<tr>
<td>Tank volume</td>
<td>120 L</td>
</tr>
<tr>
<td>Useful volume</td>
<td>26 L</td>
</tr>
<tr>
<td>Discharge pipe diameter</td>
<td>Ø ext. 110 mm / Ø ext. 80 mm</td>
</tr>
<tr>
<td>Inlets diameter</td>
<td>1 inlet Ø ext. 40 / 50 mm</td>
</tr>
<tr>
<td></td>
<td>4 inlets Ø ext. 40 / 50 / 100 / 110 mm</td>
</tr>
<tr>
<td>Free passage</td>
<td>50 mm</td>
</tr>
<tr>
<td>Vent diameter</td>
<td>Ø ext. 75 mm</td>
</tr>
<tr>
<td>Low inlets height</td>
<td>189 mm</td>
</tr>
<tr>
<td>Maximum admissible waste water temperature</td>
<td>70°C (max 5 min)</td>
</tr>
<tr>
<td>Activation method</td>
<td>Pressure switch, circuit board</td>
</tr>
<tr>
<td>Activation level ON-OFF</td>
<td>ON: 166 mm +/- 15 mm</td>
</tr>
<tr>
<td>(compared to ground level)</td>
<td>OFF: 100 mm</td>
</tr>
<tr>
<td>Alarm activation level</td>
<td>240 mm +/- 15 mm</td>
</tr>
<tr>
<td>(compared to ground level)</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>88 kg</td>
</tr>
<tr>
<td>Non-return valve included</td>
<td></td>
</tr>
</tbody>
</table>

**VERTICAL DISCHARGE**

- Single-phase: 10 m (Ø ext. 90)
- Three-phase: 14 m (Ø ext. 90)

**MOTOR DATA**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor</td>
<td>2</td>
</tr>
<tr>
<td>Electrical power supply</td>
<td>Single-phase: 220-240 V / 50-60 Hz</td>
</tr>
<tr>
<td></td>
<td>Three-phase: 230-400 V / 50 Hz</td>
</tr>
<tr>
<td>Electrical power rating</td>
<td>Single-phase: 2 x 2000 W</td>
</tr>
<tr>
<td></td>
<td>Three-phase: 2 x 3500 W</td>
</tr>
<tr>
<td>Maximum current input</td>
<td>Single-phase: 16 A</td>
</tr>
<tr>
<td></td>
<td>Three-phase: 12 A</td>
</tr>
<tr>
<td>Electrical class</td>
<td>Thermally protected</td>
</tr>
<tr>
<td></td>
<td>Oil-filled</td>
</tr>
</tbody>
</table>

**MATERIALS**

- Motor body: Polyamide
- Pump cover plate: Polyamide
- Impeller: PA6
- Motor shaft: Stainless steel
- O-Ring: Nitrile
- Sealing ring: Nitrile

**CONTROL BOX**

- External control box included
- Protection class: IPX4
- Cable length: 4 m

**ALARM BOX**

- External audible and visual alarm box
- Protection class: IP 20
- Can be connected to a Building Management System (BMS)
Collective housing and commercial buildings, restaurants, hotels or shopping centers.

External control box

External alarm

SANICUBIC® 2 VX
SANICUBIC® 2 VX three-phase

Height (m)

Q = Flow rate (m³/h)
SANIPUMP® is a submersible sump pump for use in domestic and commercial situations. The ideal solution for waste water and sewage disposal from underground pits and tanks.

**SANIPUMP®**

**SUBMERSIBLE SUMP PUMP**

Grey water + Black water (WC, bathroom, kitchen, laundry)

<table>
<thead>
<tr>
<th></th>
<th>VORTEX</th>
<th>GRINDER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum flow rate</td>
<td>27 m³/h</td>
<td>11 m³/h</td>
</tr>
<tr>
<td>Vertical discharge</td>
<td>11 m</td>
<td>11 m</td>
</tr>
<tr>
<td>Shut-off head (Q=0 m³/h)</td>
<td>13 m</td>
<td>14 m</td>
</tr>
<tr>
<td>Motor power</td>
<td>1500 W</td>
<td></td>
</tr>
<tr>
<td>Electrical power supply</td>
<td>220-240 V / 50Hz</td>
<td></td>
</tr>
<tr>
<td>ON/OFF level</td>
<td>400/100 mm</td>
<td></td>
</tr>
<tr>
<td>Working waste</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water temperature</td>
<td>35°C</td>
<td></td>
</tr>
<tr>
<td>Index of protection</td>
<td>IP 68</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>13 kg</td>
<td></td>
</tr>
</tbody>
</table>

2 versions available: VORTEX and GRINDER

**VORTEX KXV6**

**GRINDER PROX K2**

**BENEFITS**

- Automatic motor with float system activation
- Compact in design, easy to install and ready to use
- Black water pump for use with WC, bathrooms, kitchens and utility rooms.
# Condensate Pumps

<table>
<thead>
<tr>
<th>Model</th>
<th>Gas Boiler</th>
<th>Oil Boiler</th>
<th>Refrigeration units</th>
<th>Air conditioning units</th>
<th>Condensing boilers</th>
<th>Dehumidifiers</th>
</tr>
</thead>
<tbody>
<tr>
<td>SANICONDENS® Clim Mini</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>●</td>
</tr>
<tr>
<td>SANICONDENS® Clim Deco</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>●</td>
</tr>
<tr>
<td>SANICONDENS® Clim Pack</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>●</td>
</tr>
<tr>
<td>SANICONDENS® Eco</td>
<td>MAXIMUM 50 kW</td>
<td>MAXIMUM 35 kW WITH SANINEUTRAL®</td>
<td></td>
<td></td>
<td></td>
<td>●</td>
</tr>
<tr>
<td>SANICONDENS® Pro</td>
<td>MAXIMUM 50 kW</td>
<td>MAXIMUM 35 kW WITH SANINEUTRAL®</td>
<td></td>
<td></td>
<td></td>
<td>●</td>
</tr>
<tr>
<td>SANICONDENS® Deco +</td>
<td>MAXIMUM 25 kW</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>●</td>
</tr>
</tbody>
</table>

- Lift units for acidic waste from condensate boilers, air conditioning units
- Discrete products
- Easy installation without major works
SANICONDENS® Clim mini is an air conditioner condensate lift pump. Its small size enables it to fit easily into a wall-mounted air conditioner.

SANICONDENS® Clim mini operates discreetly without noise disturbance.

The SANICONDENS® Clim mini pump is designed for air-conditioning units with a cooling capacity of up to 10 kW.

Operating principle
SANICONDENS® Clim mini consists of two main components: the level sensor and the pump unit. The condensates first enter the level sensor. When the level in this unit is sufficiently high the pump switches on, sucks up the condensate and pumps it out.

- **Possible connections**: Air conditioners below 10 kW
- **Inlet Ø**: 16 mm
- **Discharge Ø**: 8-10 mm
- **Maximum flow rate**: 15 L/h
- **Maximum admissible inlet temperature**: 35°C
- **Maximum suction lift**: 2 m (between the detection unit and the pump)
- **Electrical power supply**: 220-240 V / 50-60Hz
- **Motor power rating**: 25 W
- **Sound level**: 23 dB(A)
- **Index of protection**: IP 20
- **Weight**: 0.6 kg
- **Safety devices**: Calibrated thermal protection device, Anti-overflow alarm switch, Pump grounding

Supplied with a 1.5 m flexible hose, mounting bracket, vent tube and supply cable.

**BENEFITS**
- Compact
- Silent
- Safety system (anti-overflow alarm switch and calibrated thermal protection device)

Make sure the pump is right for your air-conditioning unit:
It is generally accepted that the volume of condensate water that needs to be drained is approximately 0.5 to 0.8 L/h per kW of cooling power (although this values can increase steeply in very humid areas). For example, a 5 kW air-conditioning unit, will produce 2.5 to 4 L/h of condensates.

To meet the installation requirements, it is important to take pressure losses into account: suction height, vertical delivery head and horizontal delivery length. Please refer to the table below.

**Possible connections**
- Air conditioners below 10 kW
- **Inlet Ø**: 16 mm
- **Discharge Ø**: 8-10 mm
- **Maximum flow rate**: 15 L/h
- **Maximum admissible inlet temperature**: 35°C
- **Maximum suction lift**: 2 m (between the detection unit and the pump)
- **Electrical power supply**: 220-240 V / 50-60Hz
- **Motor power rating**: 25 W
- **Sound level**: 23 dB(A)
- **Index of protection**: IP 20
- **Weight**: 0.6 kg
- **Safety devices**: Calibrated thermal protection device, Anti-overflow alarm switch, Pump grounding

Supplied with a 1.5 m flexible hose, mounting bracket, vent tube and supply cable.

**Diagram**
- **Detection unit**
- **Pump unit**
- **Possible connections**
  - Air conditioners below 10 kW
  - **Inlet Ø**: 16 mm
  - **Discharge Ø**: 8-10 mm
  - **Maximum flow rate**: 15 L/h
  - **Maximum admissible inlet temperature**: 35°C
  - **Maximum suction lift**: 2 m (between the detection unit and the pump)
  - **Electrical power supply**: 220-240 V / 50-60Hz
  - **Motor power rating**: 25 W
  - **Sound level**: 23 dB(A)
  - **Index of protection**: IP 20
  - **Weight**: 0.6 kg
  - **Safety devices**: Calibrated thermal protection device, Anti-overflow alarm switch, Pump grounding

Supplied with a 1.5 m flexible hose, mounting bracket, vent tube and supply cable.
SANICONDENS® Clim deco is an air conditioner condensate lift pump. With its clean lines and small size, the pump fits easily into any type of installation.

Possible connections
- Air conditioners below 10 kW

Inlet Ø
- 22 mm

Discharge Ø
- 8-10 mm

Tank size
- 175 ml

Maximum flow rate
- 12 L/h

Maximum admissible inlet temperature
- 35°C

Maximum recommended vertical discharge
- 6 m

Electrical power supply
- 220-240 V / 50-60Hz

Motor power rating
- 22 W

Index of protection
- IP 20

Weight
- 0.5 kg

Safety devices
- Calibrated thermal protection device
- Wall-mounting device, supplied with screws

**BENEFITS**

- New clean design
- High performance
- Very easy to install and maintain
**SANICONDENS® Clim pack** is a ready-to-fit kit containing a condensate lift pump (**SANICONDENS® Clim mini**) and a trimmable trunking.

**SANICONDENS® Clim pack** is specially designed for easy and discrete fitting.

---

**BENEFITS**

- Easy to install (all mounting and connection accessories are supplied)
- Reversible base plate (right/left)
- Silent
- Stylish design

---

**Operating principle**

**SANICONDENS® Clim Pack** has exactly the same operating principle as the **SANICONDENS® Clim mini** (see page 52).
The compact pump designed especially for gas-fired boilers.

**SANICONDENS® Eco**

Delivered with a complete installation kit
- Possible connections: gas boilers, air conditioning units, refrigeration units and dehumidifiers
- Inlet Ø: 28 mm
- Discharge Ø: 8 mm
- Tank size: 1 L
- Maximum flow rate: 342 L/h
- Maximum admissible waste water temperature: 80°C - 53.15%
- Maximum power of condensing boilers: 50 kW gas-fired boilers
- Electrical power supply: 220-240 V / 50-60Hz
- Motor power rating: 60 W
- Maximum current input: 0.52 A
- Electrical classification: IP 20
- Index of protection: I
- Weight: 1.3 kg
- Sound level: <45 dB(A)
- Waste pipe diameter: 4 x Ø 28 mm
- Discharge pipework: 8/11 mm
  - Fits on the wall or floor. Non-return valve included.
  - Delivered with mounting screws, 1 intake adapter, 1 output adapter (diam 50 mm), 1 power cord (2 m), 6 m of flexible discharge pipe.

**BENEFITS**
- Designed to evacuate acidic condensate
- 1 L tank
- Four inlets
- Supplied with 2 m of electric cable and 6 m of drainage pipe

**VERTICAL AND HORIZONTAL DISCHARGE:**
\[
4.5 \text{ m} \rightarrow 50 \text{ m}
\]
SANICONDENS® Pro comes with an auxiliary external overflow switch that will shut down the appliance or alert the consumer in the event of pump overflow.

Delivered with a complete installation kit
Possible connections: gas boilers, refrigerated display and air conditioner

- Discharge Ø: 8 mm
- Tank size: 2 L
- Maximum flow rate: 342 L/h
- Maximum admissible waste water temperature: 80°C - 53.15% (1 min 30 on / 8 min 30 off)
- Maximum power of condensing boilers: 50 kW gas-fired boilers
- Electrical power supply: 220-240 V / 50-60Hz
- Motor power rating: 60 W
- Maximum current input: 0.52 A
- Electrical classification: I
- Index of protection: IP 20
- Weight: 2 kg
- Sound level: < 45 dB(A)
- Waste pipe diameter: 2 x Ø 28 mm
- Discharge pipework: 8/11 mm
- Supplied with: wall mount brackets, inlet adapter, discharge adapter (Ø 50 mm), 6 m of flexible discharge pipe, 2 m power cord, prewired to an alarm

VERTICAL AND HORIZONTAL DISCHARGE:
↑ 4.5 m → 50 m

SANICONDENS® Pro pumps condensate away from condensing boilers and air conditioners. Small, this powerful pumping unit can be floor or wall mounted.

• 2 inlets with one shut-off
• Prewired for possible alarm connection
• The volume of the tank prevents the pump from starting too frequently
• 2 L tank
• Compact
• Easy mounting with dual direction (vertical and horizontal) mountings

Made in FRANCE
SANICONDENS CLIM DECO® is perfect to pump away condensate from a gas-fired boiler installed in a kitchen.

- Perfect to pump away condensate from a boiler installed in a kitchen
- Quiet
- Compact
- Nice design

### BENEFITS

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Possible connections</td>
<td>1</td>
</tr>
<tr>
<td>Inlet Ø</td>
<td>22 mm</td>
</tr>
<tr>
<td>Discharge Ø</td>
<td>8-10 mm</td>
</tr>
<tr>
<td>Tank size</td>
<td>175 ml</td>
</tr>
<tr>
<td>Maximum flow rate</td>
<td>15 L/h</td>
</tr>
<tr>
<td>Maximum admissible waste water temperature</td>
<td>55°C - S3 15%</td>
</tr>
<tr>
<td>Maximum power of condensing boilers</td>
<td>25 kW</td>
</tr>
<tr>
<td>Electrical power supply</td>
<td>220-240 V / 50-60Hz</td>
</tr>
<tr>
<td>Motor power rating</td>
<td>22 W</td>
</tr>
<tr>
<td>Electrical classification</td>
<td>I</td>
</tr>
<tr>
<td>Index of protection</td>
<td>IP 20</td>
</tr>
<tr>
<td>Weight</td>
<td>0.5 kg</td>
</tr>
<tr>
<td>Sound level</td>
<td>&lt;25 dB(A)</td>
</tr>
</tbody>
</table>

Wall-mounting device and hides screw
**ALARM®**

Its original design, the fruit of several months of research by the SFA engineering department, reflects our policy of continual product improvement across the range.

Occasional power failures, or limescale deposits in older units (that are not regularly descaled), will cause a surcharge of water in the unit. To deal with such unforeseen problems, the SFA solution is to provide an immediate warning to stop using the unit and rectify the problem.

**SANIALARM®**

SANIALARM® warns you if the water in the macerator rises to an unusually high level

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SANIALARM® has a level pressure switch that triggers an alarm fixed on the top of the SFA unit if the volume of water exceeds the maximum allowed level. The alarm emits a continuous sound, until it is switched off and the problem rectified.

**SANIALARM® INSTALLATION**

1. Insert the batteries (not supplied) into the case.
2. Carefully drill a 10 mm hole in the lid of the unit where indicated in the instructions.
3. Spread some silicone grease around the plunger tube and insert it through the lid.
4. Fit the SANIALARM® on top of the plunger tube.
5. Switch the ON POSITION.

**DESCALER CLEANSER**

- Specially developed to avoid damage on rubber components
- Formula ideally suited to small-bore discharge pipes
- Product suitable for septic tanks
- Laboratory tested formula

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5. Switch the ON POSITION.

**CARBON AIR FILTER**

Contains an activated carbon filter ideal for removing unpleasant smells.

(For SANICUBIC and SANICUBIC sVX)
ISOLATING VALVES

Find the best isolation valves designed to fit all SANICUBIC® lifting stations.

Maintenance of the lifting station can be carried out:

- At any time
- Quickly and easily
- Without restrictions
- Safely

Gate isolation valves for Ø100 and Ø50 inlets pipes.

1. **Gate isolation valves**
2. **Ball isolation valve** specifically designed for SANICUBIC® 2 VX.
   (for discharge pipe Ø100)
3. **Ball isolation valve** available in diameter:
   - 110 mm

Gate isolation valves are available in diameters:
- 110 mm,
- 100 mm (with reducer),
- 50 mm.

In order to comply with regulations, isolation valves must be installed on all effluent inlets as well as on the discharge pipe.

Accessories

Designed for use with SANICUBIC® lifting stations, isolating valves allow you to carry out maintenance easily and without restriction.
No contractual document. SFA reserves the right to alter specifications, design and pictures without prior notice - RCS PARIS B 409 966 645

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