

# Saniflo SFA GROUP



MACERATORS • GRINDERS • LIFTSTATIONS  
SUBMERSIBLE AND CONDENSATE PUMPS

**PRODUCT**  
CATALOGUE



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Saniflo offers a range of macerating and grinding pump systems that greatly reduce the size of fecal matter and waste. Larger diameter discharge lines are unnecessary; in fact, all that is needed is a 22mm diameter discharge line.

The flexibility of Saniflo systems makes any sanitary application you can imagine possible. Saniflo offers the most reliable and cost-effective solutions for any job, whether it's a

small project requiring drain or condensate pumps to more complex engineered jobs, even whole buildings with multiple fixture units. You are no longer limited to locations where downhill drainage or gravity evacuates waste. You don't even need to be in close proximity to the main waste pipe.



**OUR FACTORY IN BRÉGY**



## ABOUT Saniflo

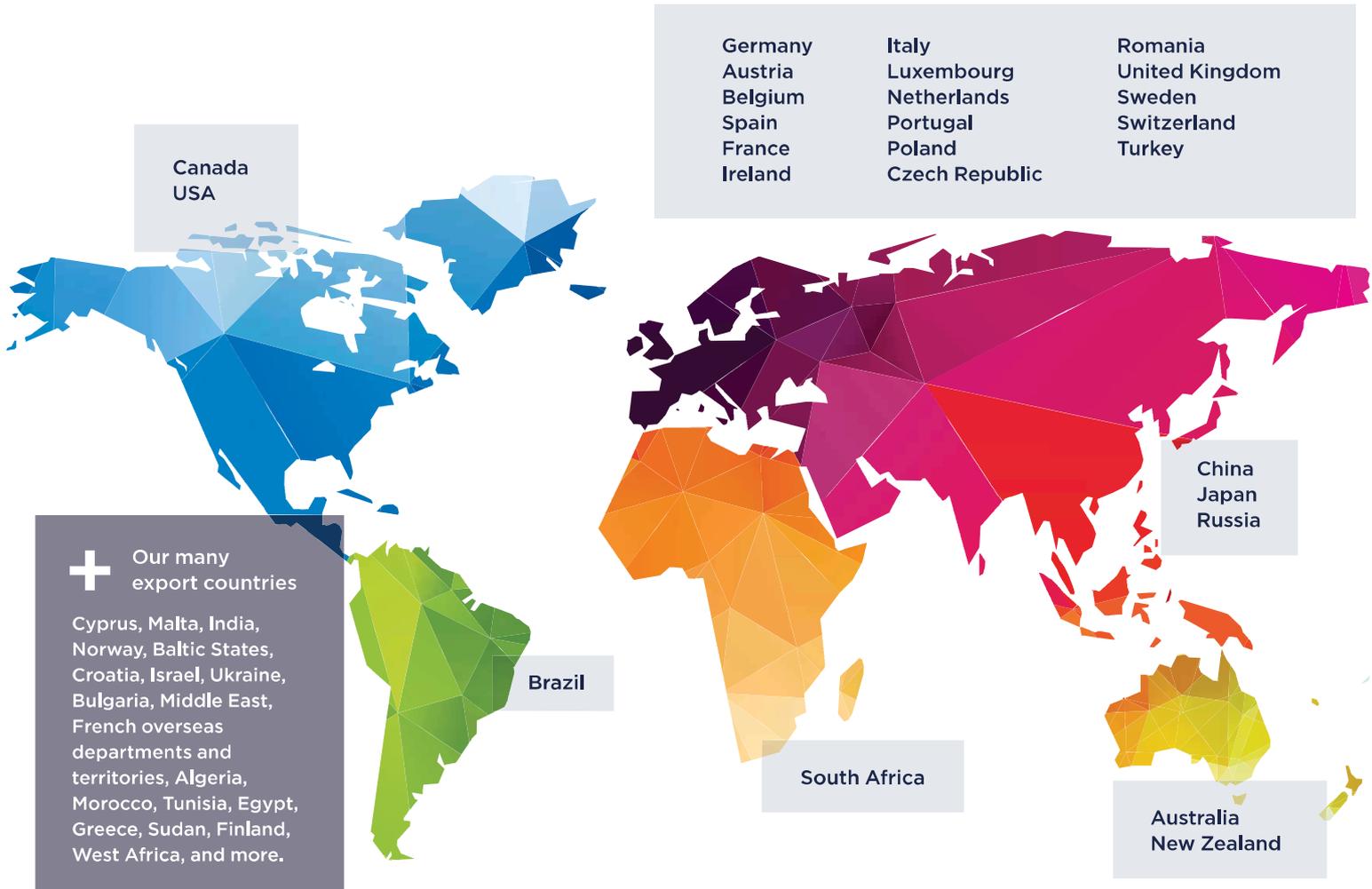
SFA SANIFLO - whose parent company originated macerating plumbing technology — offers a complete line of waste and drainage pumping systems for residential and commercial applications. Saniflo developed its innovative, “above-floor plumbing” technology more than a half-century ago and has led its commercialization worldwide. Today, the company markets macerating technology through 25 subsidiaries and 60 exclusive importers worldwide and has sold more than eight million units worldwide since 1958.



Every day, some 300 employees work to bring our company values to life, to make things easier for our customers and our installers. Over the years, numerous investments have taken Brégy from being a simple assembly site to a largely self-sufficient production centre. To guarantee product quality from start to finish, we have vertically integrated the manufacturing of many components into our own production process. Our 17000sqm factory is divided into four units to manage the production of composite and rubber parts, the manufacture of motors, the assembly of components and the creation of electronic components.

**SFA SANIFLO SOLUTIONS ARE SYNONYMOUS WITH QUALITY, DESIGN AND TECHNOLOGY.**

# AN INTERNATIONAL PRESENCE



## SOME KEY FIGURES

  
**25**  
SFA SUBSIDIARIES

  
OVER  
**70**  
SFA DISTRIBUTORS

  
**10000**  
EMPLOYEES

  
OVER  
**200**  
SFA PRODUCTS  
SOLD WORLDWIDE

# 10 REASONS

## WHY SANIFLO IS THE ANSWER FOR ADDING A NEW BATHROOM, KITCHEN OR LAUNDRY ROOM



### 1. WHEN THE USE OF CONVENTIONAL GRAVITY DRAINING IS IMPOSSIBLE.

If the proposed location of the new bathroom or kitchen is too far from, or below the existing sewer pipe, (e.g. the building is located on a slope) Saniflo is the solution.



### 2. BENEFIT FROM MORE THAN 60 YEARS OF EXPERIENCE.

As the inventor, designer and manufacturer of small-bore sewage macerators and grey-water pumps, Saniflo has been at the forefront of sanitary appliances since 1958. Used world wide – including high-end establishments such as Buckingham Palace and Cape Town Parliament. For expertise, Saniflo is the solution.



### 3. TO AVOID MAJOR DISRUPTION.

To avoid a big renovation or having to break up and then replace your tiles, or if you can't break a shared wall, Saniflo is the solution.



### 4. ADD VALUE AND COMFORT TO YOUR HOUSE.

Research has shown that an extra bathroom can add about 10% to the value of your house. To achieve that, together with the benefit of having an extra bathroom, Saniflo is the solution.



### 5. DON'T MOVE, IMPROVE!

If you want to avoid moving to a new house to gain an extra bathroom, an upgraded kitchen or a new laundry room, Saniflo is the solution.



### 6. QUIETER BY DESIGN.

All motors are fitted onto resilient mounts that absorb the resonant vibrations when the equipment is operating, making it quieter. For a quiet subtle product, Saniflo is the solution.



### 7. QUALITY.

Saniflo products are made in France and comply to all European and International standards (EN 12050-3, EN 12050-2 and EN 12050-1). Our manufacturing facility is quality certified to ISO 14001, and all Saniflo pumps carry a 2-year warranty. If you need quality products, Saniflo is the solution.



### 8. TO SAVE COSTS.

If you want to avoid the expense of a major renovation, Saniflo is the solution.



### 9. EASE OF MAINTENANCE.

A Saniflo unit is almost maintenance-free, apart from descaling (of which the frequency depends on water hardness levels). For a low maintenance product, Saniflo is the solution.



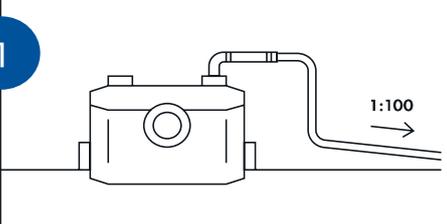
### 10. PEACE OF MIND.

Through our network of dealers and preferred installers, Saniflo provides after-sales service in all countries where our products are sold. For peace of mind, Saniflo is the solution.

# 10 GOLDEN RULES

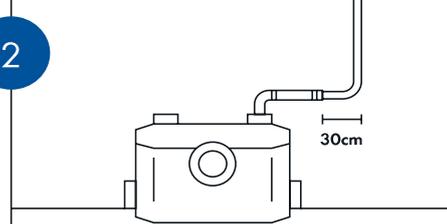
## FOR CORRECT SANIFLO INSTALLATION

**1**



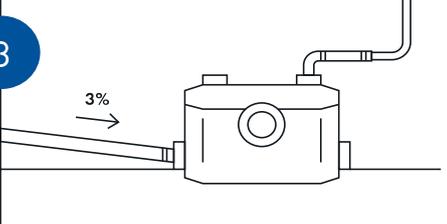
All horizontal pipes should have a minimum fall of 1:100. Discharge pipework should be copper or rigid solvent weld plastic, not 'push-fit'.

**2**



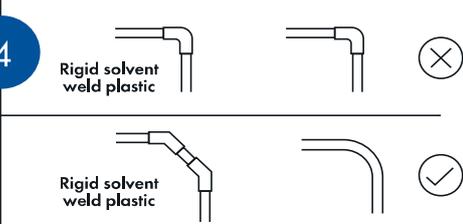
If a vertical run is needed, this should be at the start of the run (within 30cm of the unit) and from the high point there must be a minimum fall of 1:100 (see rule 1).

**3**



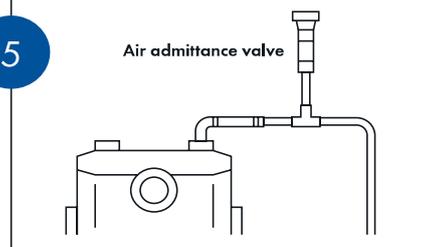
Pipes entering the Saniflo should have a gravity fall of 1:33.

**4**



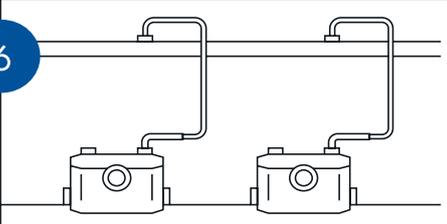
Bends should be smooth/long radius, not tight elbows. All pipework should be supported according to pipe manufacturers recommendations.

**5**



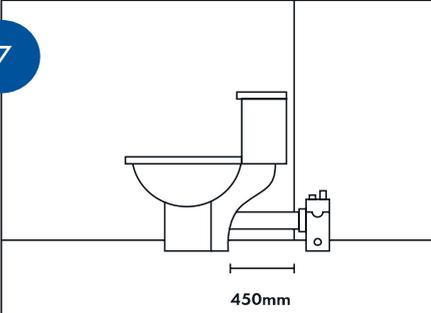
Where the pipework falls to a floor lower for example, fit an air admittance valve at the highest point, capable of withstanding 10psi pressure, or increase pipe size coming down to 'break' syphon.

**6**



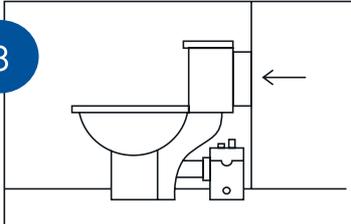
Each Saniflo discharge pipe should run separately to the soil pipe. If wastes are combined, it can only be into a larger pipe, which is on a gravity fall.

**7**



The unit should be easily accessible and removable in the event of maintenance being required. If boxed in, the boxing should be easily removable. Any extension between the toilet pan spigot and wall should not exceed 450mm.

**8**



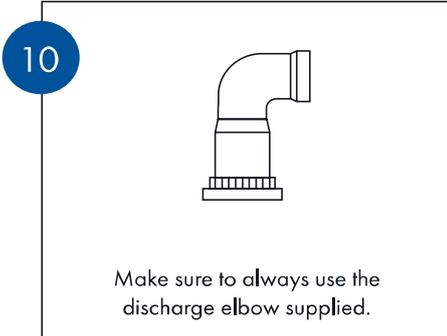
Since many close coupled toilet suites do not have the space between the toilet pan spigot and the wall, you may have to batten the cistern off the wall to make room for the Saniflo. However, Sanislim will fit behind most closed coupled toilet suites without the need for this.

**9**



Position the Saniflo behind the toilet, not underneath it.

**10**



Make sure to always use the discharge elbow supplied.

# SANIFLO IN YOUR HOME

## MAIN BATHROOM

Need to pump bath water waste?  
Possible with a Sanivite. See page 26.

## LOFT CONVERSION BATHROOM

Need an additional bathroom? Try a Sanislim.  
See page 17.

## BEDROOM/EN SUITE

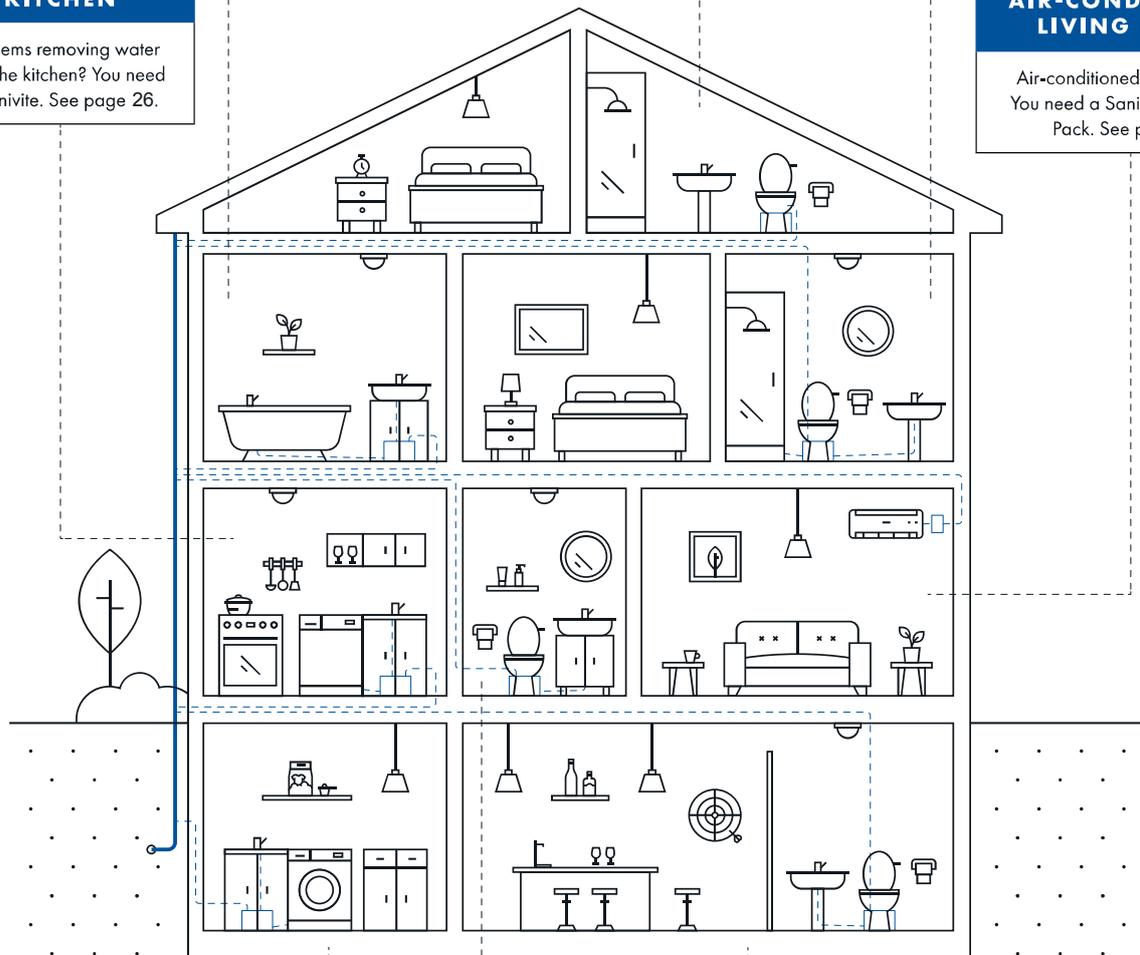
Add an en suite to any bedroom.  
Possible with a Sanipro XR. See page 16.

## KITCHEN

Problems removing water from the kitchen? You need a Sanivite. See page 26.

## AIR-CONDITIONED LIVING ROOM

Air-conditioned living room?  
You need a Sanicondens Clim Pack. See page 57.



## BASEMENT UTILITY ROOM

Creating a new utility room?  
Try a Sanivite. See page 26.

## GUEST LOO

Not enough room to install a guest loo?  
Possible with a Sanicompact 43. See page 14.

## GARAGE CONVERSION

Add a bar with a basin and toilet to your newly converted Mancave. Use a Sanitop.  
See page 13.

Conventional plumbing uses gravity to allow drainage to conveniently situated pipework or sewers. But what if gravity is not available? What if drainage pipework is not accessible, for example a loft or basement? Saniflo works where convention doesn't. The domestic range consists of 22 solutions for bathrooms and kitchens.

# SANIFLO IN COMMERCIAL SPACES

## OFFICES

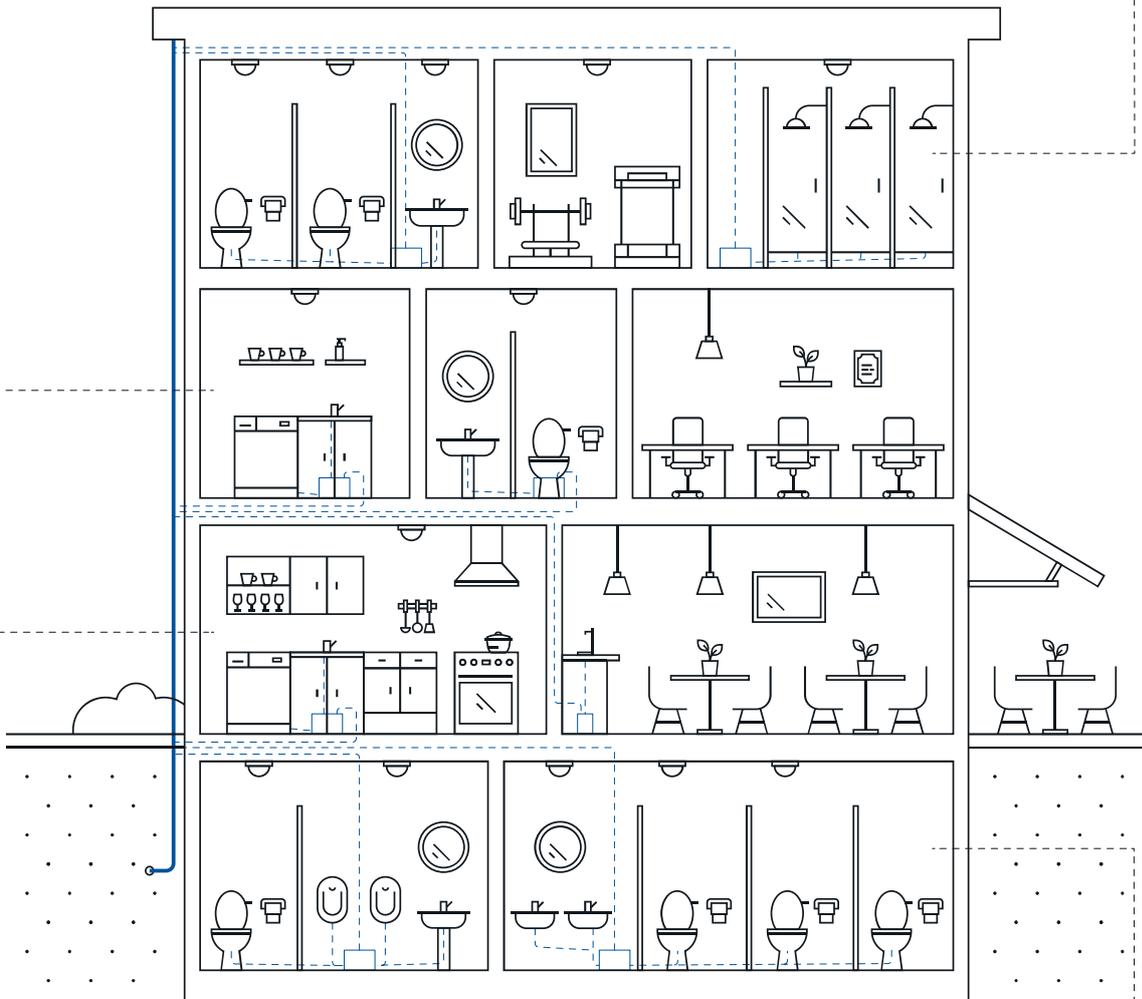
Need extra kitchen facilities for the employees?  
Made possible with the Sanivite. See page 26.

Office coffee machine getting used frequently?  
The Sanispeed can handle the volume and heat. See page 27.

## GYM

Need to install multiple showers? A Sanicom 1  
will do the job. See page 28.

Public toilets for the gym? Try a Sanicubic 2  
Classic. See page 37.



## CAFÉ & BAR

Busy Café? Get a Sanicom 1 for the glass washer.  
See page 28.

Kitchen water waste from the café?  
Try a Sanispeed. See page 27.

## PUBLIC TOILETS

Ensure public toilets never let you down.  
Use a Sanicubic 2 XL. See page 39.

Tough conditions require tough products and the Saniflo commercial range now has 14 products that are robust enough to perform in some of the most demanding situations. Having manufactured Saniflo products for over 60 years, no other manufacturer has the years of experience and expertise to produce such a comprehensive range of units for commercial applications.

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## 5. UNDERGROUND PUMP STATIONS

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## 6. SUBMERSIBLE PUMPS

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<b>SANIPUDDLE FSP</b>	Page 52		
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## 7. CONDENSATE PUMPS

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Toilet



Wall-hung Toilet



Basin



Sink



Bidet



Shower

										Distance Up	Distance Long	Pipe Size	Max Temp
										4m	100m	22-40mm	35° C
										5m	100m	22-40mm	35° C
										3m	30m	32-40mm	35° C
										5m	100m	22-40mm	35° C
										2.5m	40m	22-40mm	35° C
										5m	100m	22-40mm	35° C
										5m	100m	22-40mm	35° C
										5m	100m	22-40mm	35° C
										7m	110m	22-40mm	35° C
										4m	40m	32mm	35° C
										3m	30m	32mm	35° C
										3m	30m	32mm	35° C
										5m	50m	32-40mm	60° C
										7m	70m	32-40mm	75° C
										8m	80m	32mm	90° C
										11m	110m	50mm	90° C
										11m		50mm	70° C
										10/6m		90/110mm	70° C
										23m		50mm	55° C
										18m		110mm	55° C
										11m	110m		70° C
										10/6m		90/110mm	70° C
										25 m		50mm	55° C
										14m		40mm	70° C
										13m		50mm	70° C
										14m		63 mm	70° C
										14m		40mm	70° C
										14m		40mm	70° C
										10m	-	32mm	90° C
										7.5m	-	32mm	70° C
										7.5m	-	32mm	-
										14m	-	40mm	-
										7m	-	25mm	70° C
										7.5m	-	32mm	70° C
										4.5m	50m	8mm	80° C
										6m	60m	10mm	35° C
										6m	60m	10mm	35° C
										6m	60m	6mm	35° C



Bath



Dishwasher



Washing Machine



Air Conditioning Unit



Condensing Boiler



Refrigeration Unit



## HALF BATHROOMS



**SANIFLO**



**SANITOP**



**SANICOMPACT 43**

## IDEAL FOR: The installation of a toilet

The original macerator pump unit that allows the installation of a toilet where gravity drainage would not be possible.

**Size:** L 330mm x H263mm x W 163mm

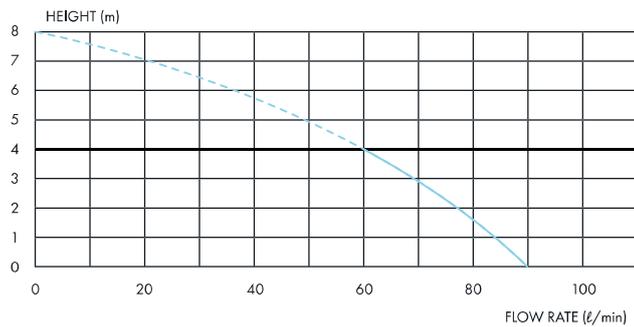
**Weight:** 5.7kg

**Discharge pipe diameter:** 22mm to 40mm

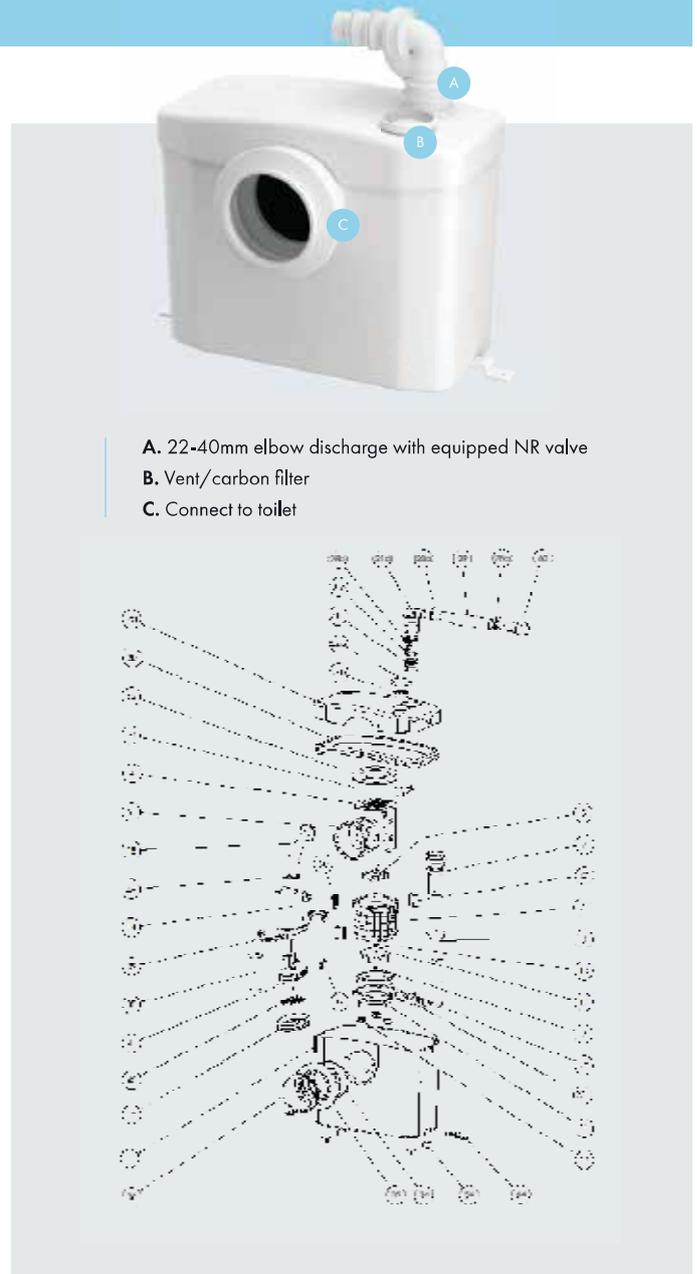
**Power / Electrical Information:** 220-240V / 50Hz / 400W, 2.3A / IP44

**Normal operating temperature:** 35°C

**Can be equipped with SANIALARM®**

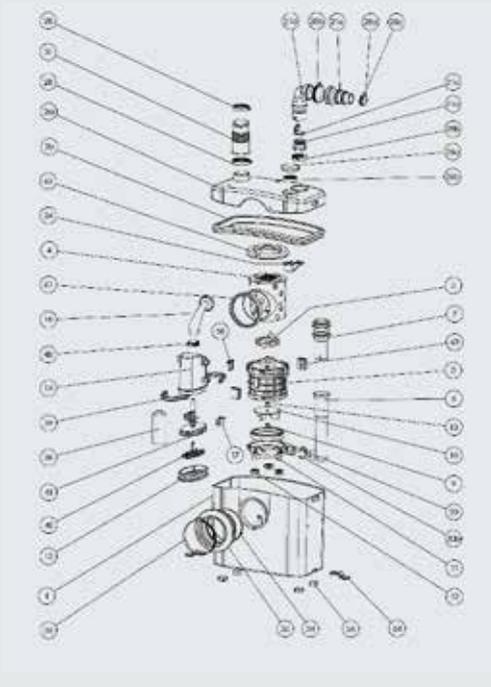


↑ 4m → 100m





- A. 22-40mm elbow discharge with equipped NR valve
- B. Vent/carbon filter
- C. Connect to toilet
- D. Connect to wash basin



**IDEAL FOR:** The installation of a half bathroom

The Sanitop allows the connection of a toilet and a wash basin to one macerator pump.

**Size:** L 330mm x H263mm x W 163mm

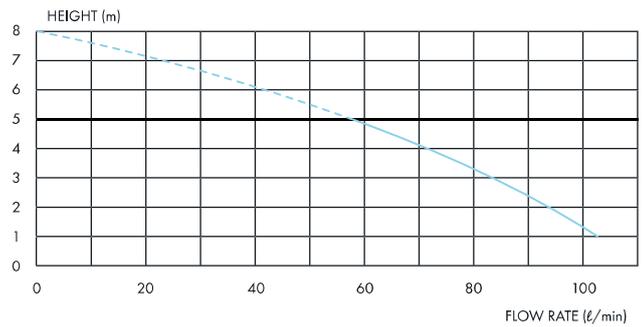
**Weight:** 5.8kg

**Discharge pipe diameter:** 22mm to 40mm

**Power / Electrical Information:** 220-240V / 50Hz / 400W, 2.3A / IP44

**Normal operating temperature:** 35°C

**Can be equipped with SANIALARM®**



↑ 5m → 100m



# SANICOMPACT® 43

**IDEAL FOR:** The installation of a compact, cisternless, water-saving toilet.

The Sanicompact flushes directly from the water supply. This type of flushing also uses much less water than conventional flushing. It also has an inlet for a wash basin.

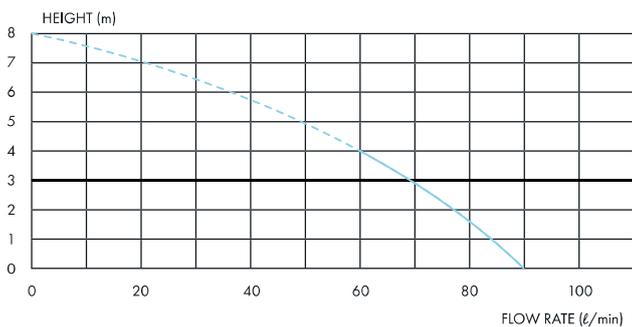
**Size:** L 390mm x H445mm x W 430mm

**Weight:** 23kg

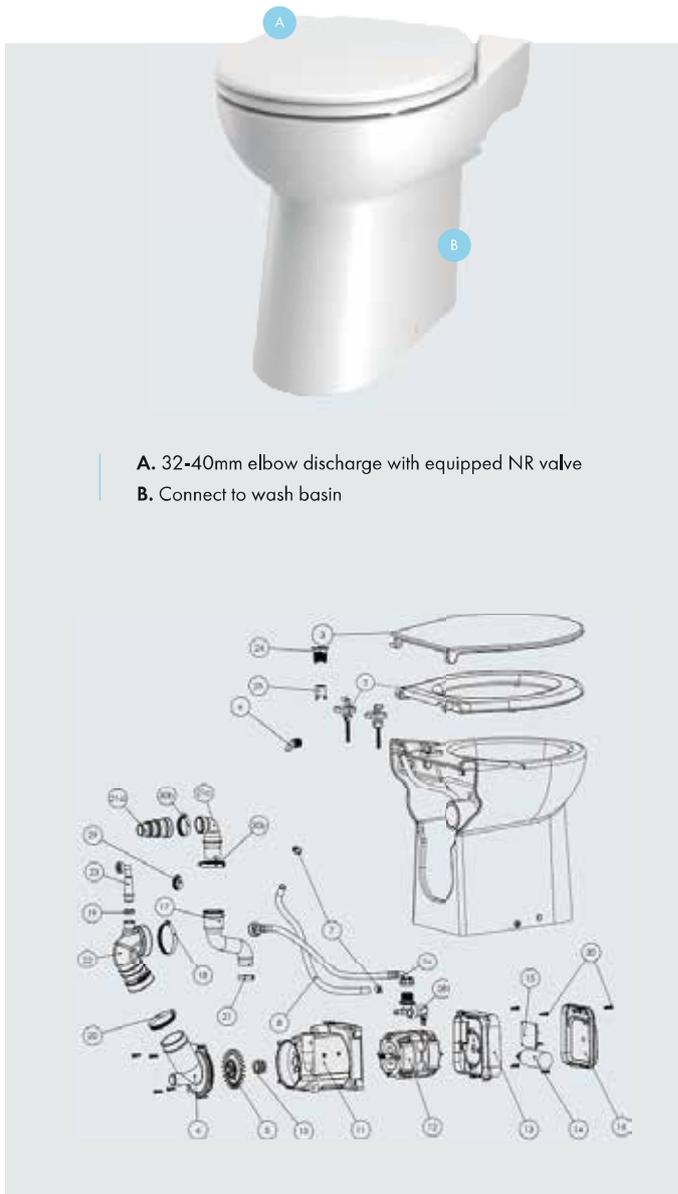
**Discharge pipe diameter:** 32mm to 40mm

**Power / Electrical Information:** 220-240V / 50Hz / 550W, 2.5A / IP44

**Normal operating temperature:** 35°C



↑ 3m → 30m





## FULL BATHROOMS



**SANIPRO XR**



**SANISLIM**



**SANIPACK**



**SANIPLUS**



**SANI ACCESS 3**



**SANIBEST Pro**

**IDEAL FOR:** The installation of a full bathroom.

The Sanipro XR macerator pump is capable of processing waste water from a full bathroom.

**Size:** L 413mm x H263mm x W 180mm

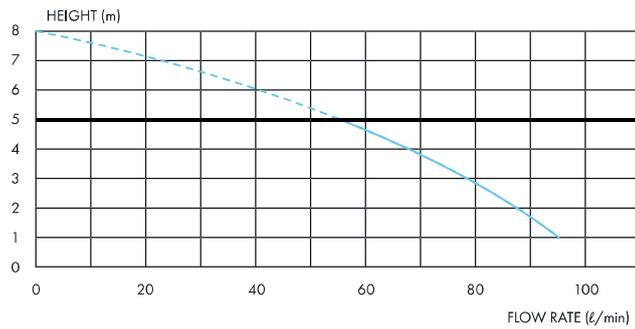
**Weight:** 7.2kg

**Discharge pipe diameter:** 22mm to 40mm

**Power / Electrical Information:** 220-240V / 50Hz / 400W, 2.3A / IP44

**Normal operating temperature:** 35°C

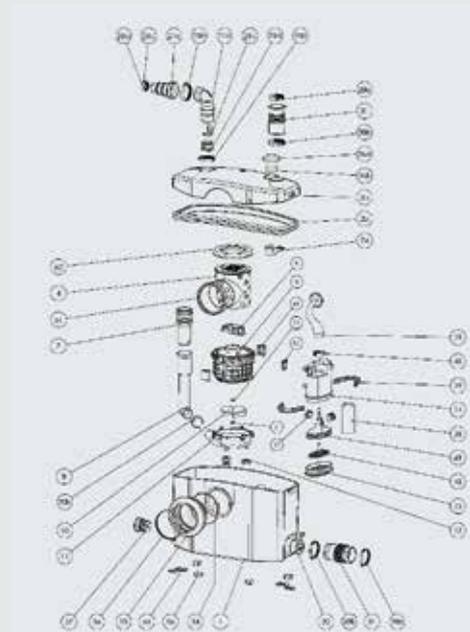
Can be equipped with SANIALARM®



↑ 5m → 100m



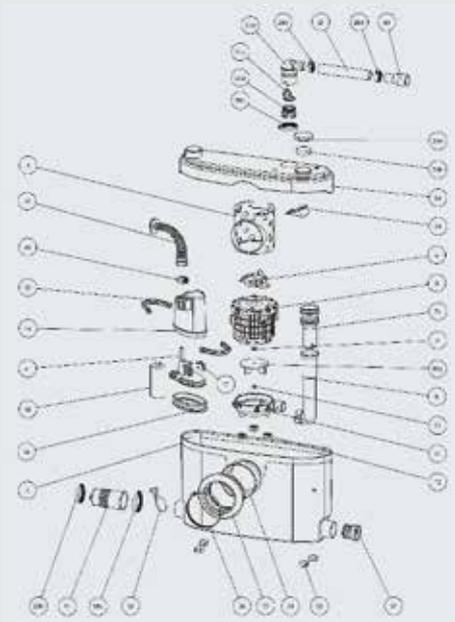
- A. 22-40mm elbow discharge with equipped NR valve
- B. Vent / carbon filter
- C. Connect to toilet
- D. Connect to shower, bidet or wash basin



\*Image shown with exposed pipes for illustrative purposes only



- A. 22-40mm elbow discharge with equipped NR valve
- B. Vent/carbon filter
- C. Connect to toilet
- D. Connect to shower, bidet or wash basin



**IDEAL FOR:** The installation of a full bathroom.

The Sanislim accommodates a full bathroom, and the slimline design takes up less space to fit behind most closed-coupled toilet suites.

**Size:** L 447mm x H270mm x W 131mm

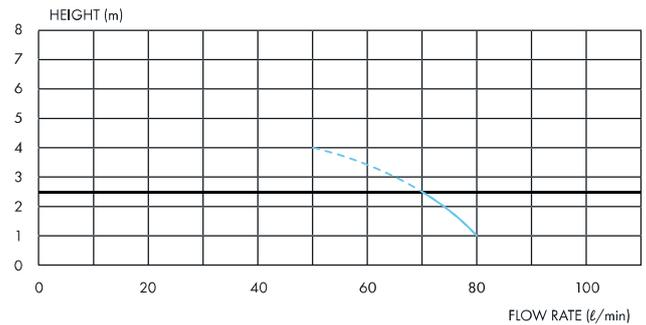
**Weight:** 5.8kg

**Discharge pipe diameter:** 22mm to 40mm

**Power / Electrical Information:** 220-240V / 50Hz / 400W, 2.3A / IP44

**Normal operating temperature:** 35°C

**Can be equipped with SANIALARM®**



↑ 2.5m → 40m



**IDEAL FOR:** The installation of a full bathroom.

The Sanipack allows for a stylish full bathroom with a wall-hung toilet.

**Size:** L 462mm x H295mm x W 146mm

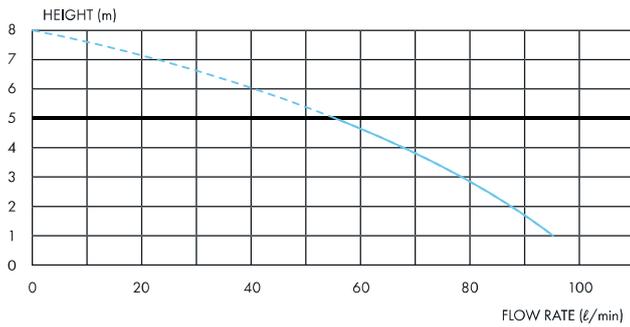
**Weight:** 7kg

**Discharge pipe diameter:** 22mm to 40mm

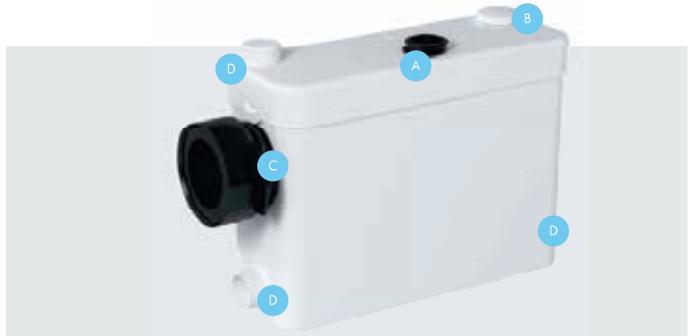
**Power / Electrical Information:** 220-240V / 50Hz / 400W, 2.3A / IP44

**Normal operating temperature:** 35°C

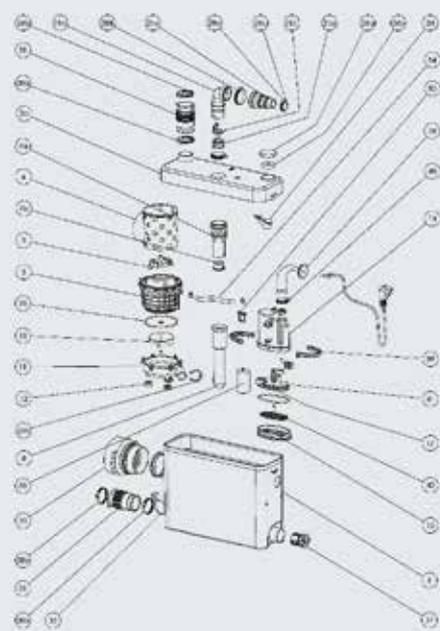
Can be equipped with SANIALARM®



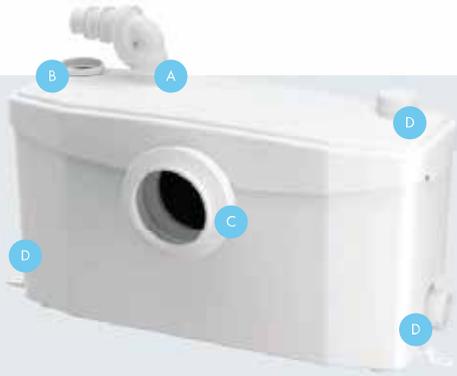
↑ 5m → 100m



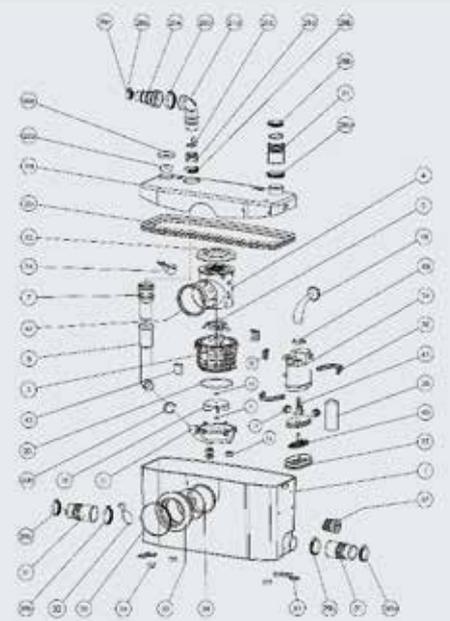
- A. 22-40mm elbow discharge with equipped NR valve
- B. Vent /carbon filter
- C. Connect to wall-hung toilet
- D. Connect to shower, bidet or wash basin



*\*Image shown with exposed pipes for illustrative purposes only*



- A. 22-40mm elbow discharge with equipped NR valve
- B. Vent/carbon filter
- C. Connect to toilet
- D. Connect to shower, bidet or wash basin



**IDEAL FOR:** The installation of a full bathroom with a bath.

The Saniplus is capable of handling waste water from a full bathroom, including a bath.

**Size:** L 512mm x H270mm x W 181mm

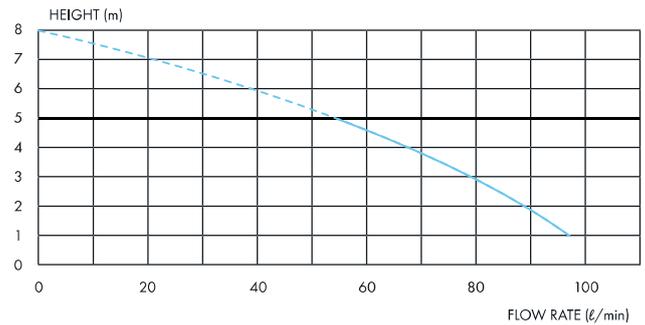
**Weight:** 7.8kg

**Discharge pipe diameter:** 22mm to 40mm

**Power / Electrical Information:** 220-240V / 50Hz / 400W, 2.3A / IP44

**Normal operating temperature:** 35°C

Can be equipped with SANIALARM®



↑ 5m → 100m



\*Image shown with exposed pipes for illustrative purposes only

**IDEAL FOR:** The installation of an en-suite bathroom.

The Saniaccess 3 is designed for areas where maintenance is required due to possible misuse. It's "easy to access" components make this possible.

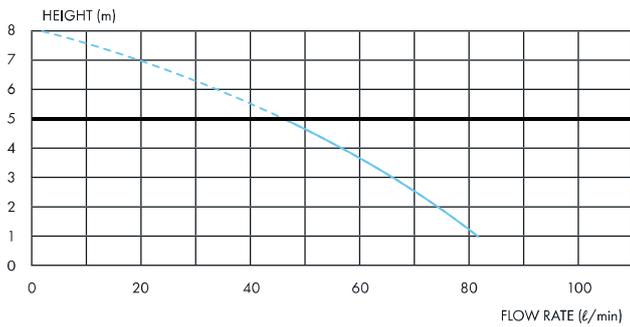
**Size:** L 462mm x H295mm x W 168mm

**Weight:** 7kg

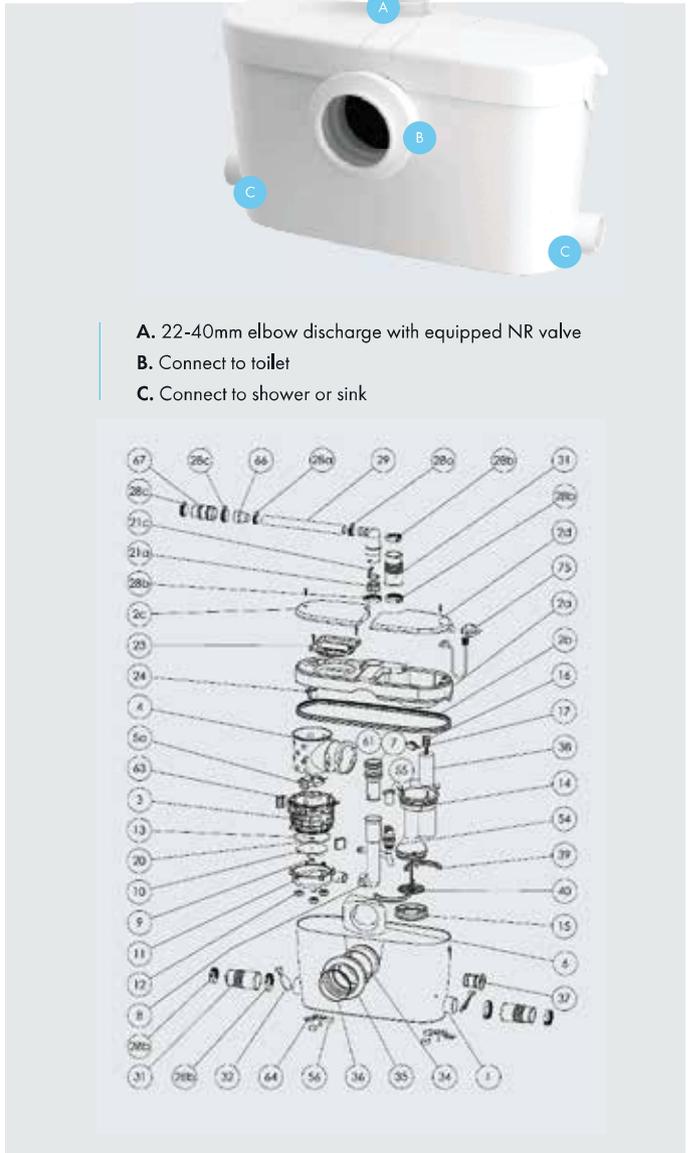
**Discharge pipe diameter:** 22mm to 40mm

**Power / Electrical Information:** 220-240V / 50Hz / 400W, 2.3A / IP44

**Normal operating temperature:** 35°C



↑ 5m → 100m

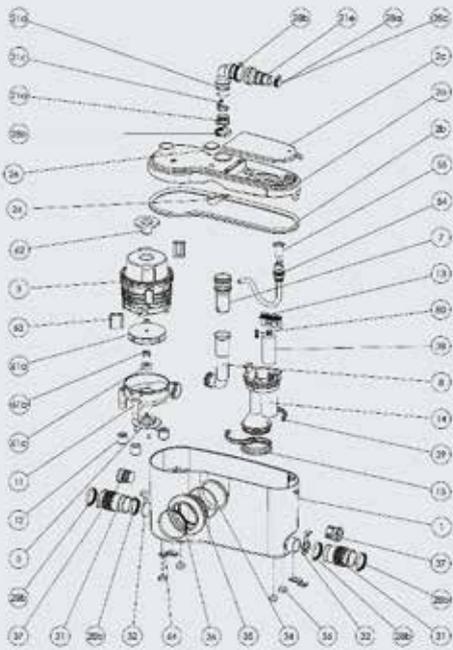


\*Image shown with exposed pipes for illustrative purposes only

# SANIBEST<sup>®</sup> Pro



- A. 22-40mm elbow discharge with equipped NR valve
- B. Vent/carbon filter
- C. Connect to toilet
- D. Connect to shower or wash basin



**IDEAL FOR:** The installation of a full bathroom.

The Sanibest Pro is designed for demanding applications whether it be public spaces or long-distance pumping requirements.

**Size:** L 507mm x H267.5mm x W 154mm

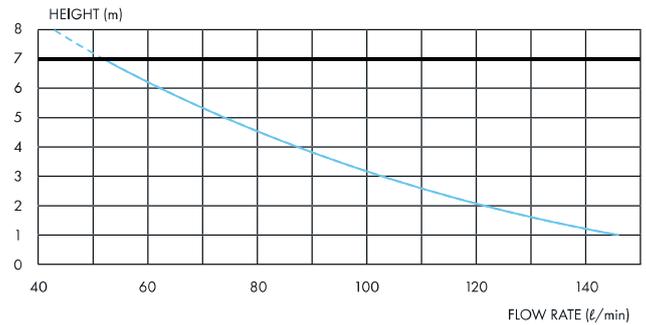
**Weight:** 11kg

**Discharge pipe diameter:** 22mm to 40mm

**Power / Electrical Information:** 220-240V / 50Hz / 1 100W, 5A / IP44

**Normal operating temperature:** 35°C

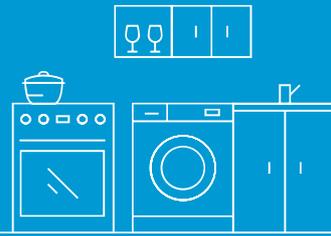
**Can be equipped with SANIALARM<sup>®</sup>**



↑ 7m → 110m



*\*Image shown with exposed pipes for illustrative purposes only*



# KITCHEN, LAUNDRY & EN SUITE



**SANISHOWER**



**SANIFLOOR**



**SANISHOWER FLAT**



**SANIVITE**



**SANISPEED**



**SANICOM 2**



**SANICOM 1**

## IDEAL FOR: The installation of a shower.

The Sanishower allows the addition of a shower and basin, or a kitchenette with a sink only.

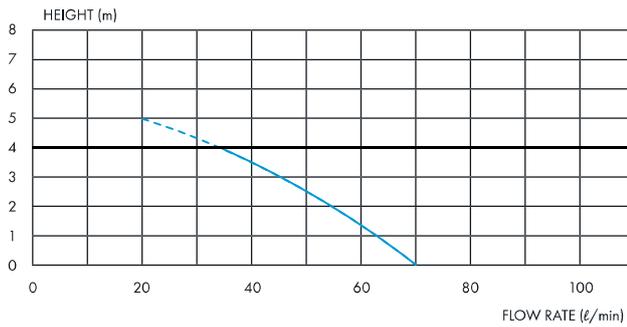
**Size:** L 296mm x H145mm x W 165mm

**Weight:** 3.5kg

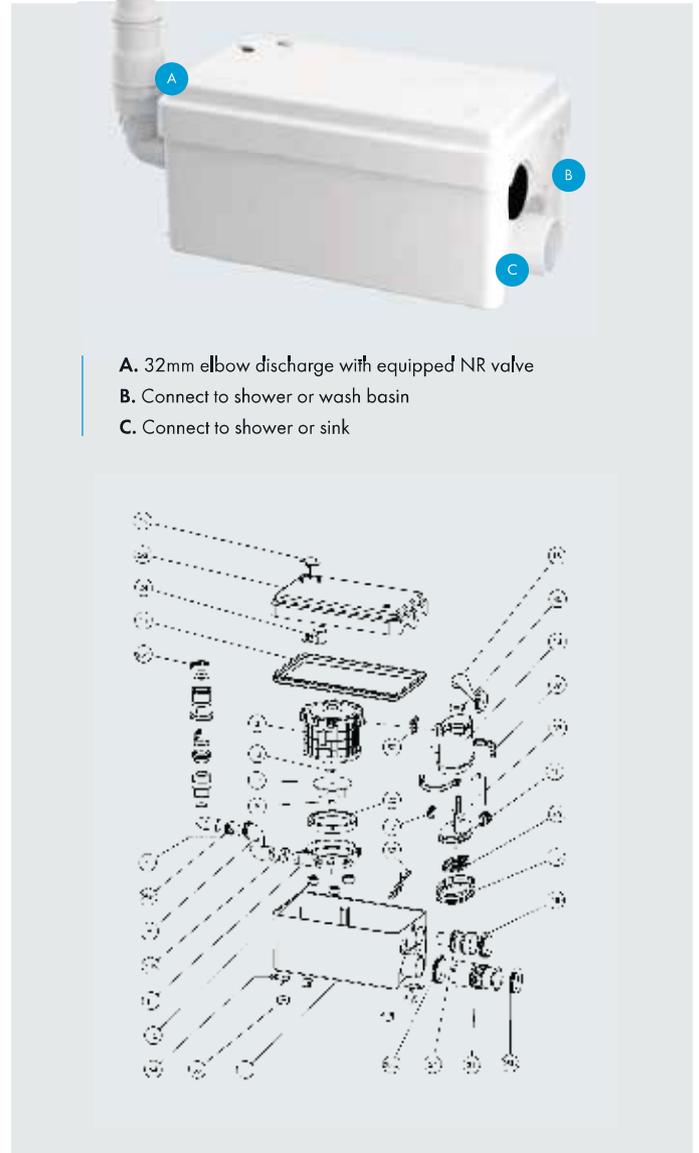
**Discharge pipe diameter:** 22mm to 32mm

**Power / Electrical Information:** 220-240V / 50Hz / 250W, 2.2A / IP44

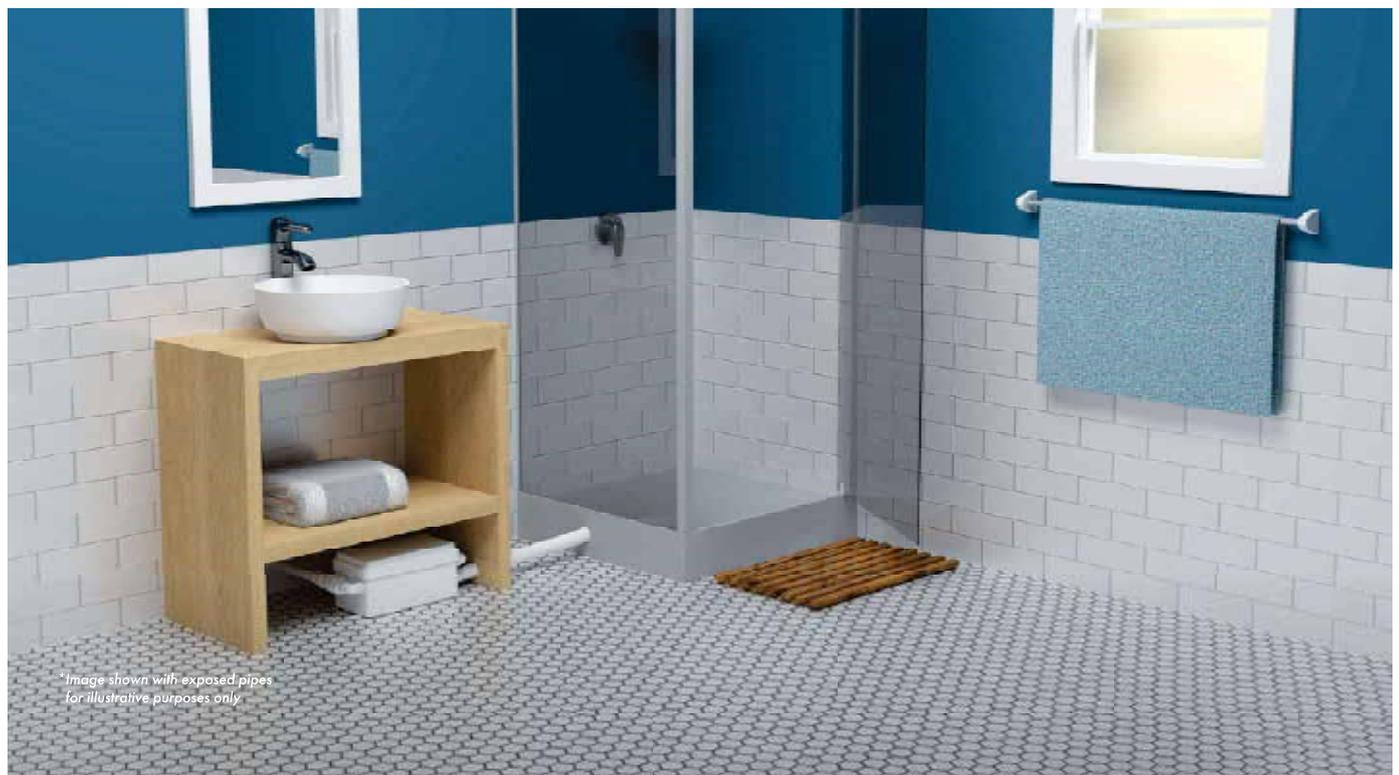
**Normal operating temperature:** 35°C



↑ 4m → 40m



- A. 32mm elbow discharge with equipped NR valve
- B. Connect to shower or wash basin
- C. Connect to shower or sink

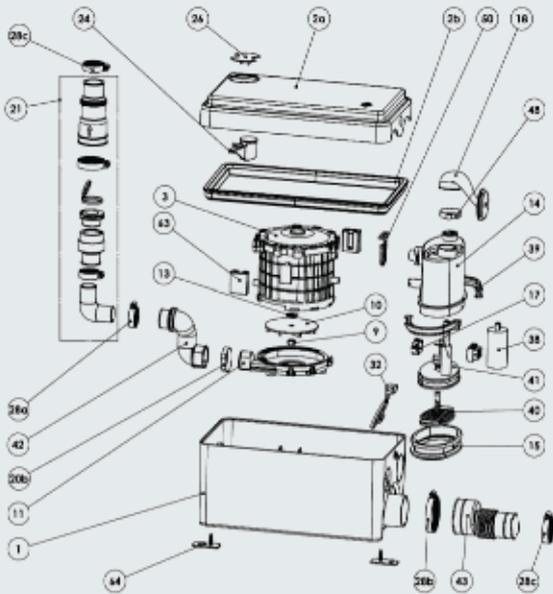


\*Image shown with exposed pipes for illustrative purposes only

# SANISHOWER® FLAT



- A. 32mm elbow discharge with equipped NR valve
- B. Connect to wash basin
- C. Connect to shower gully supplied



**IDEAL FOR:** The installation of a new low-level shower.

The Sanishower Flat allows the addition of a low-level shower tray and basin.

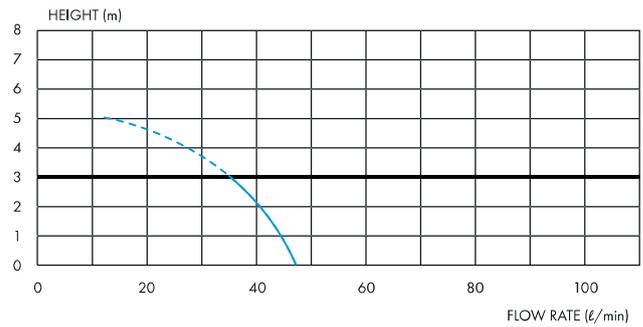
**Size:** L 296mm x H145mm x W 165mm

**Weight:** 3.5kg

**Discharge pipe diameter:** 22mm to 32mm

**Power / Electrical Information:** 220-240V / 50Hz / 250W, 2.2A / IP44

**Normal operating temperature:** 35°C



↑ 3m → 30m



\*Image shown with exposed pipes for illustrative purposes only

**IDEAL FOR:** The installation of a walk-in shower.

The Sanifloor is used for floor-level drainage (the drain point is level with the floor). A water sensor is integrated into the gully, activating the pump which then sucks the water from the gully.

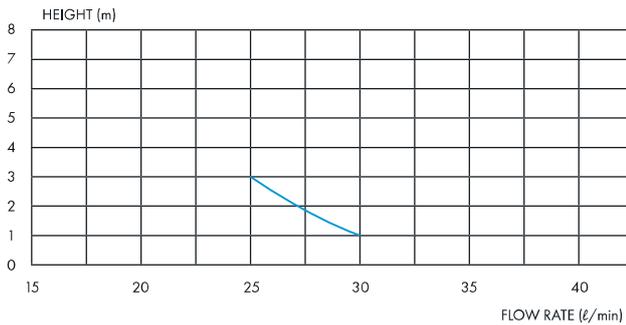
**Size:** L 296mm x H191mm x W 165mm

**Weight:** 3.5kg

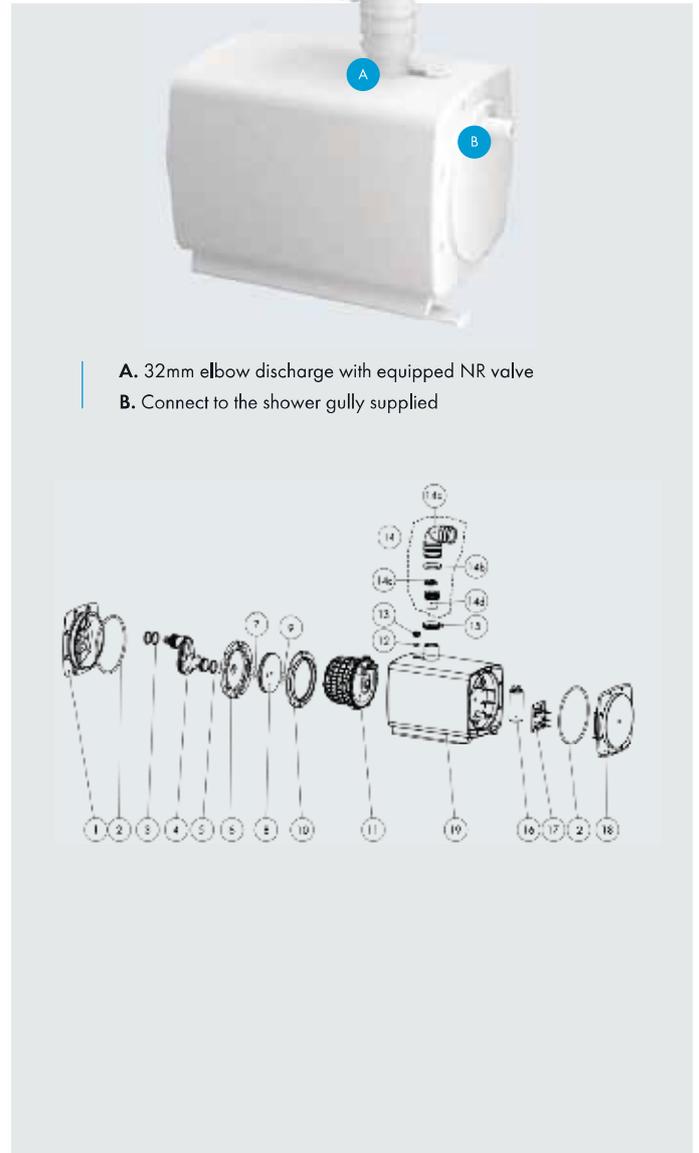
**Discharge pipe diameter:** 32mm

**Power / Electrical Information:** 220-240V / 50Hz / 250W, 1.7A / IP44

**Normal operating temperature:** 35°C

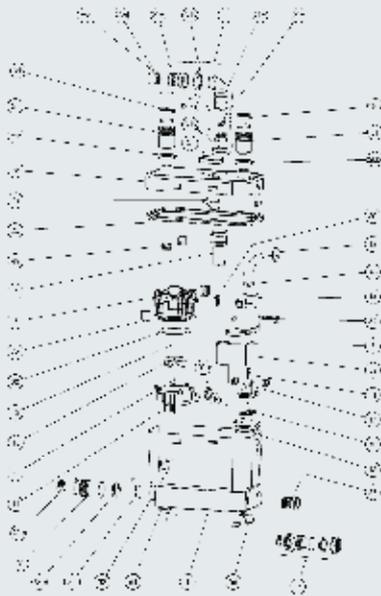


↑ 3m → 30m





- A. 32-40mm elbow discharge with equipped NR valve
- B. Vent
- C. Connect to shower, bathtub, wash basin, dishwasher or washing machine



**IDEAL FOR:** The installation of a new laundry or utility room.

The Sanivite has four inlets, enabling the connection of multiple sinks and/or a washing machine / dishwasher.

**Size:** L 373mm x H275mm x W 185mm

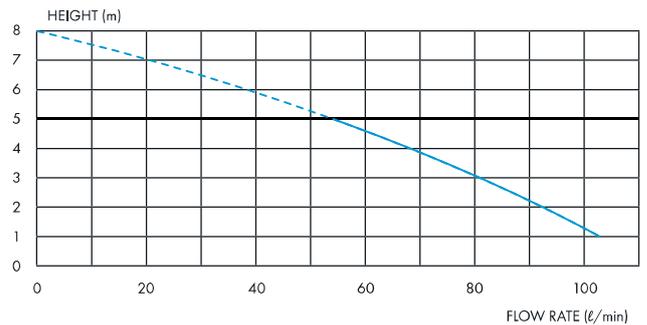
**Weight:** 6kg

**Discharge pipe diameter:** 32mm to 40mm

**Power / Electrical Information:** 220-240V / 50Hz / 400W, 2.2A / IP44

**Normal operating temperature:** 60°C (Intermittent)

Can be equipped with SANIALARM®



↑ 5m → 50m



**IDEAL FOR:** The installation of a residential or small commercial utility space.

The Sanispeed handles waste water produced by small commercial or residential washing machines, glass/dishwashers, sinks or coffee stations.

**Size:** L 373mm x H275mm x W 185mm

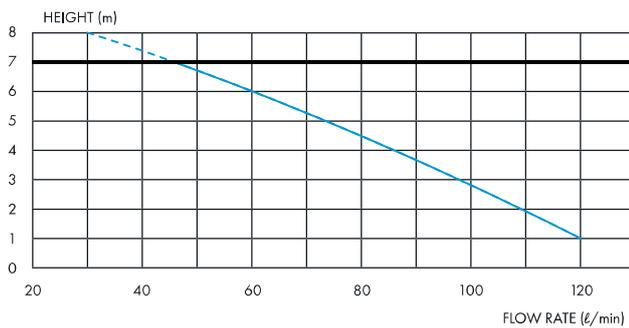
**Weight:** 6.4kg

**Discharge pipe diameter:** 32mm to 40mm

**Power / Electrical Information:** 220-240V / 50Hz / 400W, 2.2A / IP44

**Normal operating temperature:** 75°C (Intermittent)

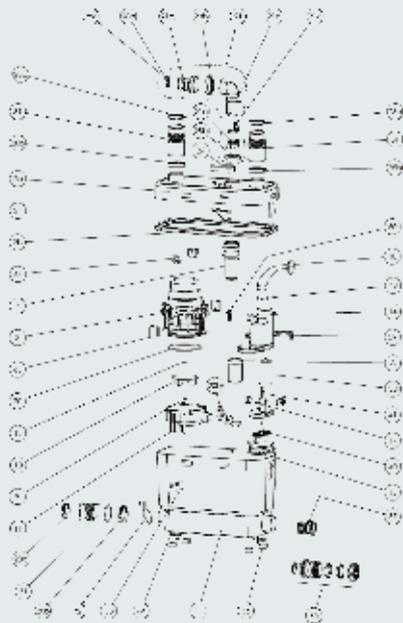
Can be equipped with SANIALARM®



↑ 7m → 70m



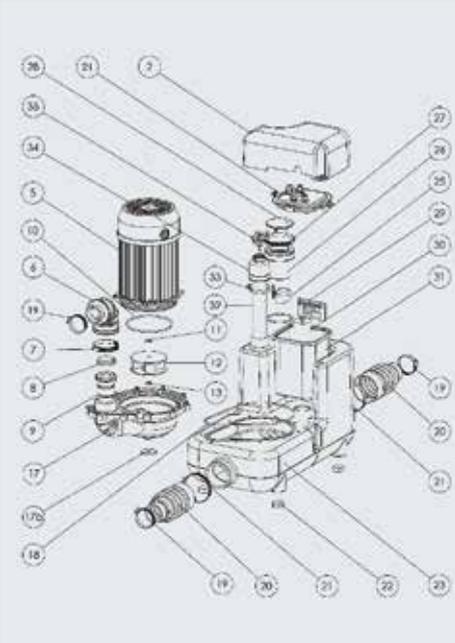
- A. 32-40mm elbow discharge with equipped NR valve
- B. Vent
- C. Connect to shower, bathtub, wash basin, dishwasher or washing machine



# SANICOM<sup>1</sup>



- A. 32mm elbow discharge with equipped NR valve
- B. Vent
- C. Connect to shower, bathtub, wash basin, dishwasher or washing machine



## IDEAL FOR: A greywater solution for a larger commercial space

The Sanicom 1 is a lifting station, and can accommodate numerous fixtures including commercial washing machines, dishwashers and sinks.

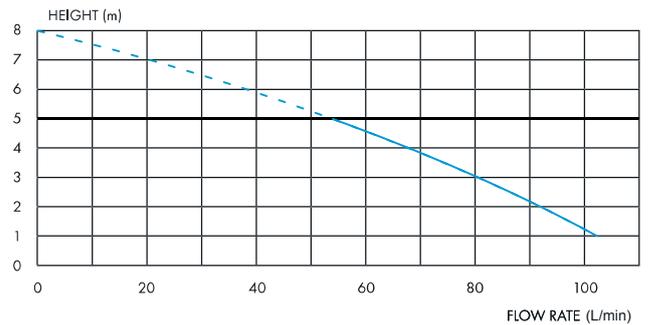
**Size:** L 419mm x H331.7mm x W 232mm

**Weight:** 10kg

**Discharge pipe diameter:** 32mm

**Power / Electrical Information:** 220-240V / 50Hz / 750W, 6.0A / IP44

**Normal operating temperature:** 90°C (Intermittent)



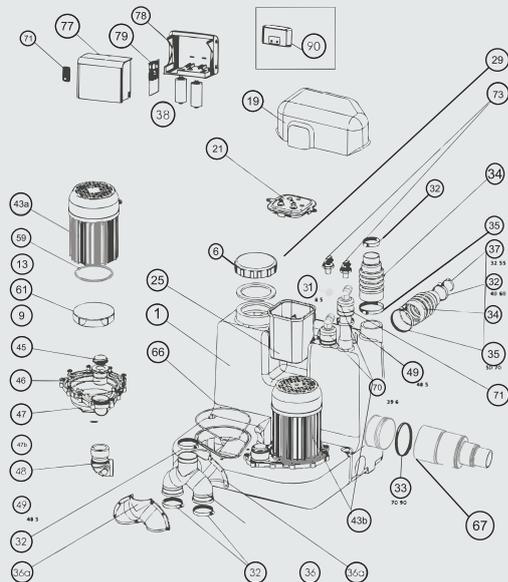
↑ 8m → 80m



# SANICOM<sup>2</sup>



- A. 50mm discharge with equipped NR valve
- B. 50mm open vent
- C. Inlet pipe 50/65/80mm
- D. Control Box



**IDEAL FOR:** Greywater from bathroom (without toilet), kitchen, laundry.

Sanicom 2 is a high performance commercial grey water lifting station featuring 2 powerful motors, ensuring continuity of service for your business. The easy access service design makes it ideal for busy commercial kitchens & cafe's.

**Size:** L 582mm x H 486mm x W 529mm

**Weight:** 23.6kg

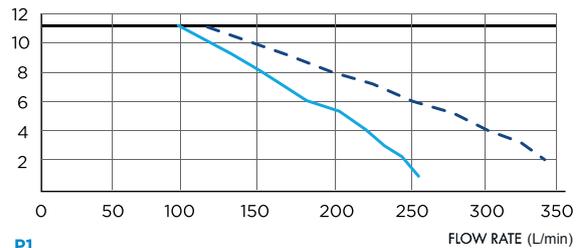
**Discharge pipe diameter:** 50mm

**Power / Electrical Information:** 220-240V / 50Hz / 2 x Motors 1500W / 13A / IP44

**Normal operating temperature:** 35°C - 90°C



Discharge height (m)



P1  
P1 + P2

↑ 11M → 110M





## FULL HOUSE & COMMERCIAL BUILDINGS



**SANICUBIG® 1**  
**SANICUBIG® TVX**



**SANICUBIG® 1GR**



**SANICUBIG® 1SC**



**SANICUBIG® 2 Classic**



**SANICUBIG® 2GR**



**SANICUBIG® 2VX**

# SANICUBIC<sup>®</sup> 1

**IDEAL FOR:** Handling waste water from an entire house or small business.

This powerful lifting station facilitates up to five toilets, as well as multiple greywater fixtures to one discharge point.

**Size:** L 570mm x H440mm x W 426mm

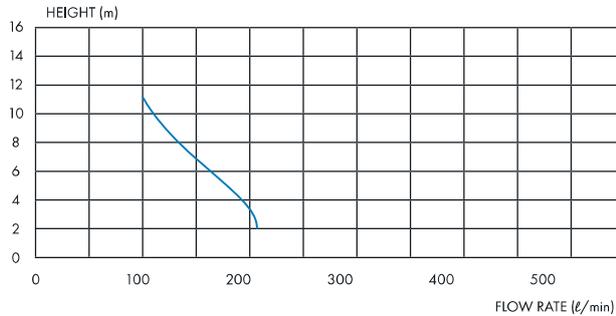
**Weight & Volume:** 16kg / 32ℓ

**Discharge pipe diameter:** 50mm

**Power / Electrical Information:** 220-240V / 50Hz / 1500W, 9A / IP44

**Normal operating temperature:** 70°C

**Equipped with a visual and audible external alarm box**



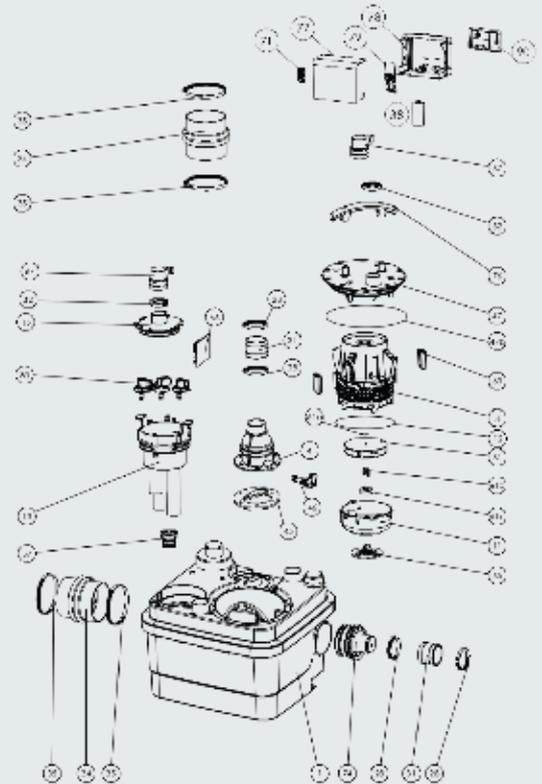
↑ 11m → 110m

## BENEFITS OF THE SANICUBIC<sup>®</sup> 1

1. Sancubic 1 can handle up to 180ℓ per minute from several fixtures
2. Powerful motor for absolute reliability and efficiency
3. Wired audible and visual LED alarm included with the system
4. Easy above-floor installation
5. Mostly accepts accidental flushing of sanitary items
6. IP68 rated enclosure for accidental submergence



- A. 50mm elbow discharge with equipped NR valve
- B. Connect to 50mm open venting pipe
- C. Connect to toilet, wash basin, shower, bathtub, washing machine etc.



**SANICUBIC<sup>®</sup> 1 is equipped with a visual and audible external alarm box (5m long wire).**



**1. CONTROL PANEL**

External wired control panel with LED power and overload indicator

**2. MOTOR**

A powerful 1500W grinder pump

**3. INLETS**

3 inlets: DN 40/50/100/110mm  
1 inlet: DN 40/50mm (coupling provide)

**4. DISCHARGE**

DN 50mm discharge fitting with equipped NR valve

**5. OPEN VENT**

DN 50mm



*Grinding technology mostly eliminates clogging issues caused by sanitary items.*



# SANICUBIC® 1VX

**IDEAL FOR:** Lifting waste water from houses or small commercial premises.

Sanicubic 1 VX is a lifting station with one vortex pump. It is designed for lifting wastewater from houses or small commercial buildings

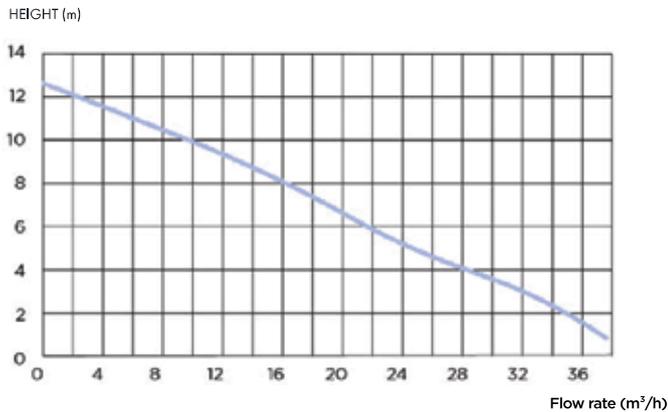
**Size:** L 550mm x H504mm x W 701mm

**Weight: & Volume:** 30kg / 21ℓ

**Discharge pipe diameter:** 80mm = 10m vertical, 100mm = 6m vertical

**Power / Electrical Information:** 230V / 50Hz / 2000W, / IP68

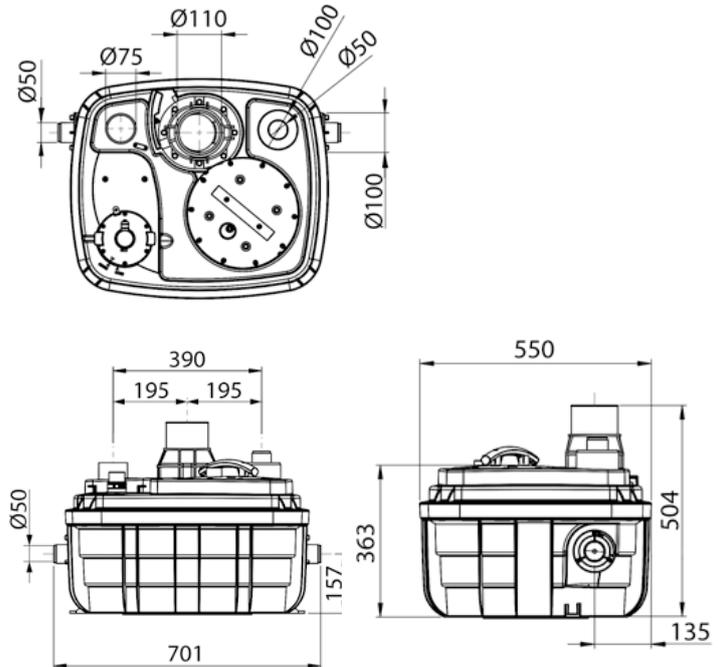
**Normal operating temperature:** 70°C



↑ 10m → 110m



- A. 90mm - 100mm discharge with equipped NR valve
- B. Connect to 75mm open venting pipe
- C. Connect to toilet, wash basin, shower, bathtub, washing machine etc.



## BENEFITS OF THE SANICUBIC® 1VX

1. Sanicubic 1 VX can handle up to 600ℓ per minute from several fixtures
2. Powerful motor for absolute reliability and efficiency
3. Wired audible and visual LED alarm included with the system
4. Easy above-floor installation
5. Mostly accepts accidental flushing of sanitary items
6. IP68 rated enclosure for accidental submergence



SANICUBIC® 1 is equipped with a visual and audible external alarm box (5m long wire).

# SANICUBIC® 1GR

**IDEAL FOR:** High level lifting performances.

Sanicubic 1 GR is a lifting station recommended for a single house or small commercial premises. It collects all wastewater from toilets, bathrooms, kitchens or laundry rooms.

**Size:** L 570mm x H439mm x W 460mm

**Weight & Volume:** 64kg / 55ℓ

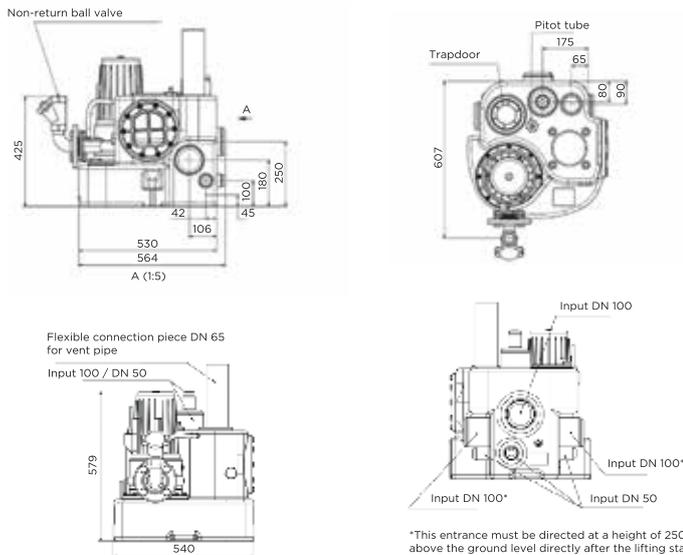
**Discharge pipe diameter:** 50mm

**Power / Electrical Information:** 220-240V / 50Hz / 2200W, IP68

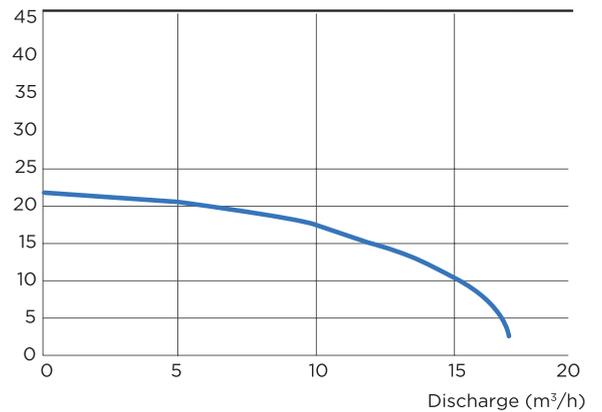
**Normal operating temperature:** 55°C



- A. 50mm discharge with equipped ball NR valve
- B. Connect to 75mm open venting pipe
- C. Connect to toilet, wash basin, shower, bathtub, washing machine etc.



Discharge height (m)



↑ 23m

## BENEFITS OF THE SANICUBIC® 1GR

1. Compact dimensions
2. Tough, reliable grinding lifting station
3. Intelligent level controller
4. Programmable operation and fault signal
5. External hard wired audio visual alarm
6. Features integrated non-return valves
7. Will handle up to 55°C intermittent



SANICUBIC® 1GR is equipped with a visual and audible alarm box

# SANICUBIC® 1SC

**IDEAL FOR:** High level lifting performances.

The Sanicubic 1 SC is a lifting station with 1 three-phase cast iron pump with a single-channel impeller. Designed for lifting wastewater from public buildings or shopping centre

**Size:** 1000mm x 1115mm

**Weight & Volume:** 225kg / 480ℓ

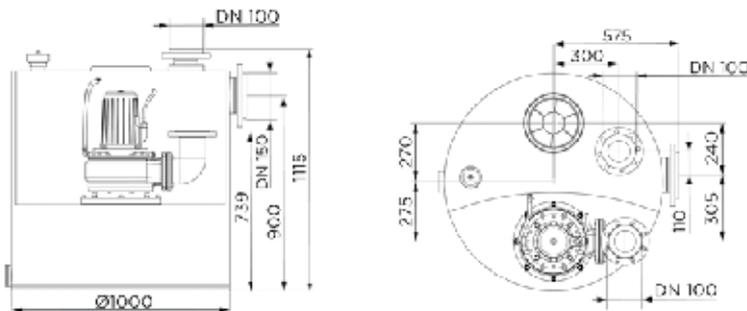
**Discharge pipe diameter:** 110mm

**Power / Electrical Information:** 400V / 50Hz / 6300W, IP68

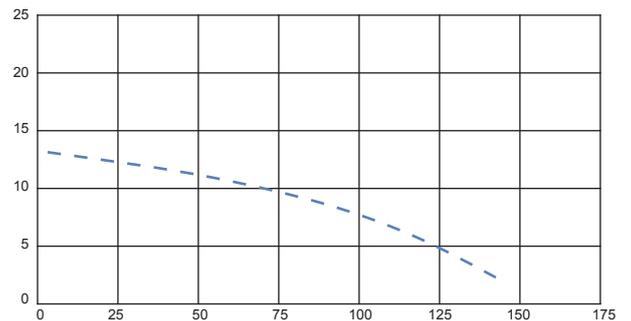
**Normal operating temperature:** 55°C



- A. 110mm discharge
- B. Connect to 110mm open venting pipe
- C. Connect toilet, wash basin, shower, bathtub, washing machine etc.



H (m)



Flow rate (m³/h)

↑ 18m

## BENEFITS OF THE SANICUBIC® 1SC

1. Floor standing for easy installation
2. Easily accessible for maintenance
3. 1 inlet DN150
4. Three-phase cast iron pump
5. Free passage 80mm or 100mm
6. Control panel included
7. Will handle up to 55°C intermittent



**SANICUBIC® 1 SC is equipped with a visual and audible alarm box**

# SANICUBIC® 2GR

**IDEAL FOR:** Smaller commercial premises and larger domestic dwellings.

The Sanicubic 2 GR station is designed for the lifting of wastewater from larger homes, apartment blocks, and commercial buildings such as train stations, cinemas, restaurants etc.

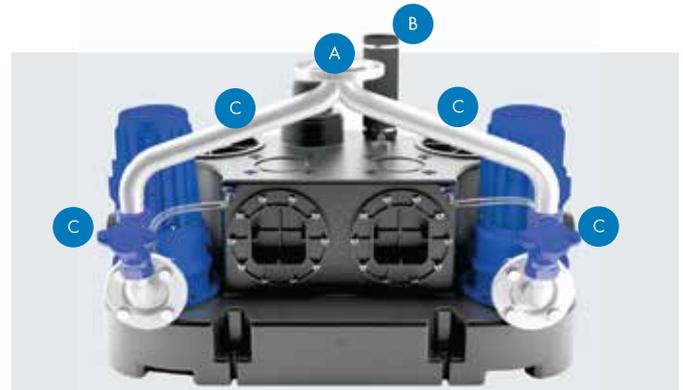
**Size:** 1198mm x 586mm x 766mm

**Weight & Volume:** 137kg / 150ℓ

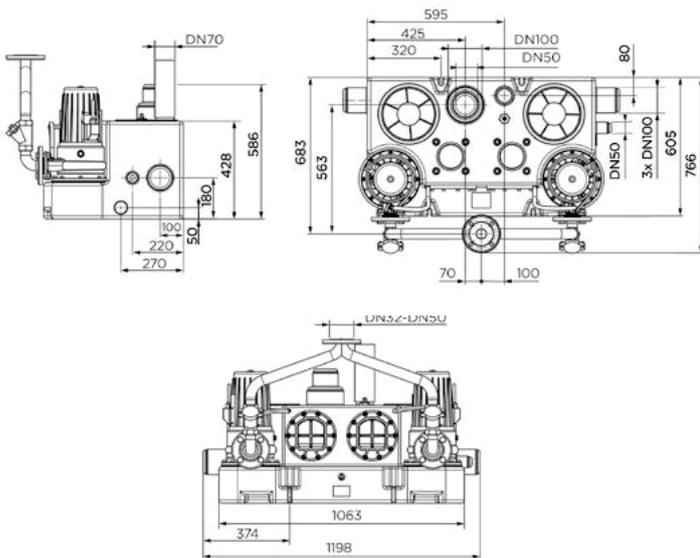
**Discharge pipe diameter:** 50mm

**Power / Electrical Information:** 400V / 50Hz / 2100W, IP68

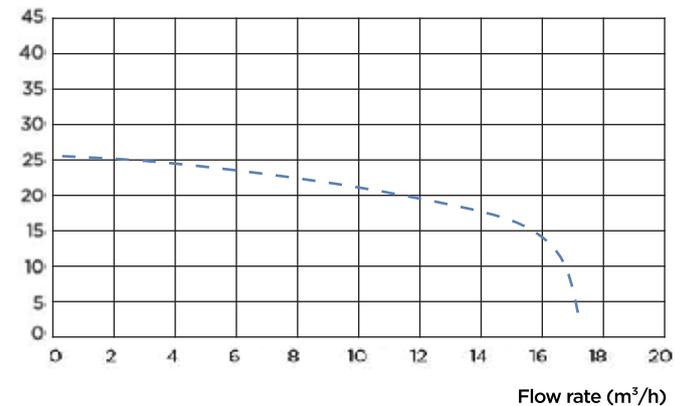
**Normal operating temperature:** 55°C



- A. 50mm discharge with equipped ball NR valve
- B. Connect to 75mm open venting pipe
- C. Connect to toilet, wash basin, shower, bathtub, washing machine etc.



H (m)



↑ 25m

## BENEFITS OF THE SANICUBIC® 2GR

1. Floor standing for easy installation
2. Easily accessible for maintenance
3. 3 inlets DN100, 2 inlets DN50
4. 150 litre tank
5. Includes non-return valve & outlet flange



SANICUBIC® 2GR is equipped with a visual and audible alarm box

# SANICUBIC® 2 Classic

**IDEAL FOR:** Handling waste water from an entire house or business.

This 1 HP heavy-duty duplex grinder system used to pump away waste water from several bathrooms and fixtures from an entire building structure.

**Size:** L 688mm x H 440mm x W 515mm

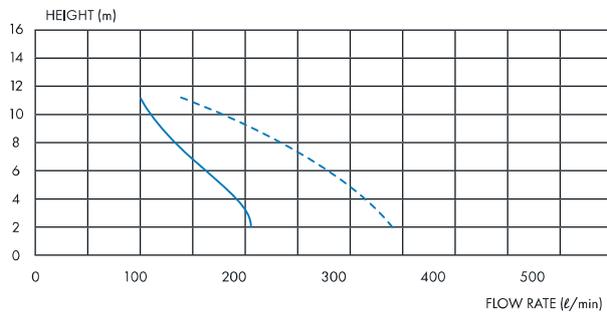
**Weight & Volume:** 30kg / 45ℓ

**Discharge pipe diameter:** 50mm

**Power / Electrical Information:** 400V / 50Hz / 2 x1500W 6A (1 motor running) / IP68

**Normal operating temperature:** 70°C

**Equipped with a visual and audible external alarm box**



↑ 11m → 110m

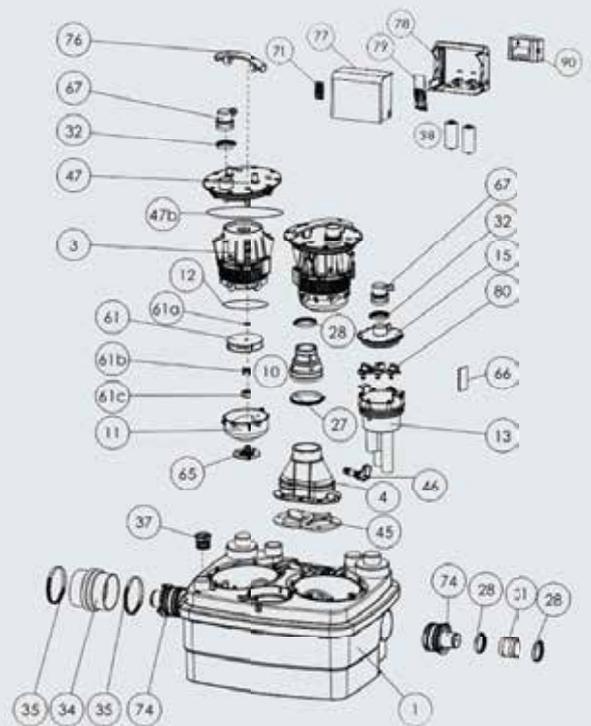
P1 P1 + P2

## BENEFITS OF THE SANICUBIC® 2

1. Sanicubic 2 can handle up to 12m<sup>3</sup>/h from several fixtures
2. Dual motor for absolute reliability and efficiency
3. Wired audible and visual LED alarm included with the system
4. Easy above-floor installation
5. Mostly accepts accidental flushing of sanitary items
6. IP68 rated enclosure for accidental submergence



- A. 50mm elbow discharge with equipped NR valve
- B. Connect to 50mm open venting pipe
- C. Connect to toilet, wash basin, shower, bathtub, washing machine etc.



**SANICUBIC® 2 Classic is equipped with a visual and audible external alarm box (5m long wire).**

The dual-motor technology can be used not only for demanding situations (vs Sanicubic1), but also if back-up is required. For example, if one motor jams (e.g. bone or metal accidentally flushed), the second one will still operate, allowing for no loss of functionality while the first motor is being fixed.



#### 1. CONTROL PANEL

External wired control panel with LED power and overload indicator

#### 2. MOTOR

Two powerful 1500W grinder pumps

#### 3. INLETS

4 inlets: DN 40/50/100/110mm  
1 inlet: DN 40/50mm (coupling provide)

#### 4. DISCHARGE

DN 50mm discharge fitting with equipped NR valve

#### 5. OPEN VENT

DN 50mm

*Grinding technology mostly eliminates clogging issues caused by sanitary items.*



# SANICUBIC® 2VX

**IDEAL FOR:** Handling water from an industrial facility.

The Sanicubic 2 VX is ideal for residential buildings, commercial buildings, restaurants, schools, hotels, shopping centres. It is easy to install as it stands on the floor and does not need to be positioned below ground.

**Size:** L 913mm x H 799mm x W 713mm

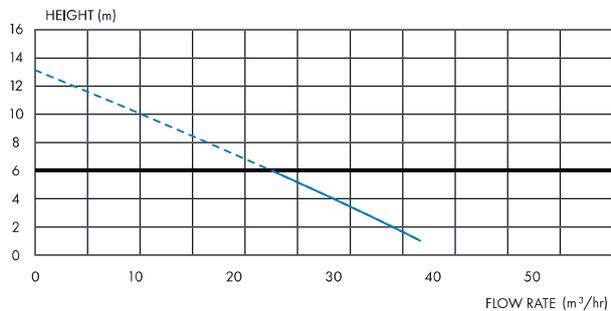
**Weight & Volume:** 55kg / 120ℓ

**Discharge pipe diameter:** 80mm = 10m vertical  
100mm = 6m vertical

**Power / Electrical Information:** 220 - 240V / 50Hz /  
2 x 2000W 8A (1 motor running) / IP68

**Normal operating temperature:** 70°C

**Equipped with a visual and audible external alarm box**



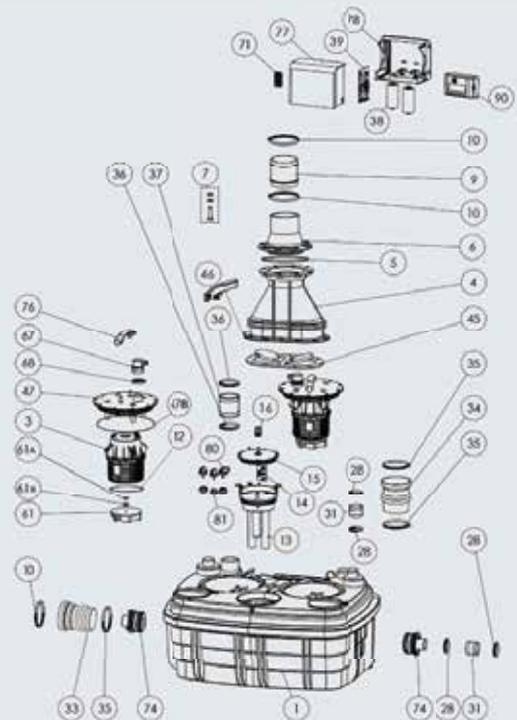
↑ 10m → 100m

## BENEFITS OF THE SANICUBIC® 2VX

1. Ideal for large-volume commercial situations
2. Large 120ℓ tank volume
3. Two alarms for ultimate safety – both hard-wired
4. Easy above-floor installation
5. Volt-free contact for connection to a Building Management System



- A. 80/110mm elbow discharge with two integrated NR valves
- B. Connect to 75mm open venting pipe
- C. Connect to toilet, wash basin, shower, bathtub, washing machine etc.



**SANICUBIC® 2VX is equipped with a visual and audible external alarm box (5m long wire).**



*New Vortex dilacerating technology.*



**1. CONTROL PANEL**

External wired control panel with LED power and overload indicator

**2. MOTOR**

Two powerful 2000W grinder pumps

**3. INLETS (Up to 5 inlets)**

4 inlets: DN 40/50/100/110mm

1 inlet: DN 40/50mm

1 additional DN 125mm connector (coupling provide)

**4. DISCHARGE**

DN 80/100mm discharge fitting with equipped NR valve

**5. OPEN VENT**

DN 75mm





# UNDERGROUND PUMP STATION



**SANIFOS<sup>®</sup> 110**



**SANIFOS<sup>®</sup> 280**



**SANIFOS<sup>®</sup> 610SLD**



**SANIFOS<sup>®</sup> 610**



**SANIPUMP<sup>®</sup>**

# SANIFOS<sup>®</sup>110

**IDEAL FOR:** A house where the drainage is too low for the sewer and a surface-mounted pump is not an option.

This is an underground pump station that handles waste water from an entire house. The 110ℓ tank is pre-mounted with an integrated cutter pump system and fittings.

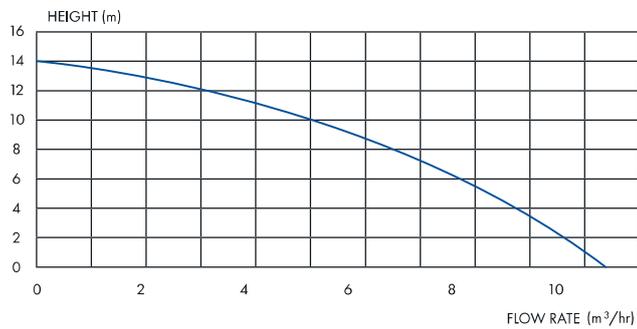
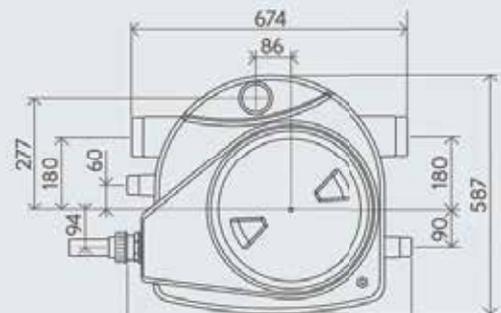
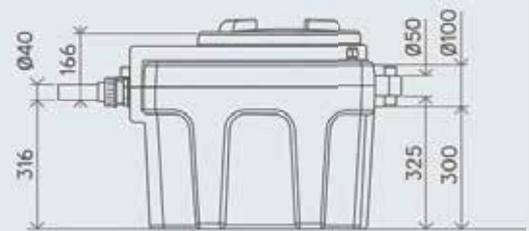
**Size:** L 696mm x H 482mm x Diameter 587mm

**Weight:** 23kg

**Discharge pipe diameter:** 40mm

**Power / Electrical Information:** 220 - 240V / 50 - 60Hz / 1500W / IP68

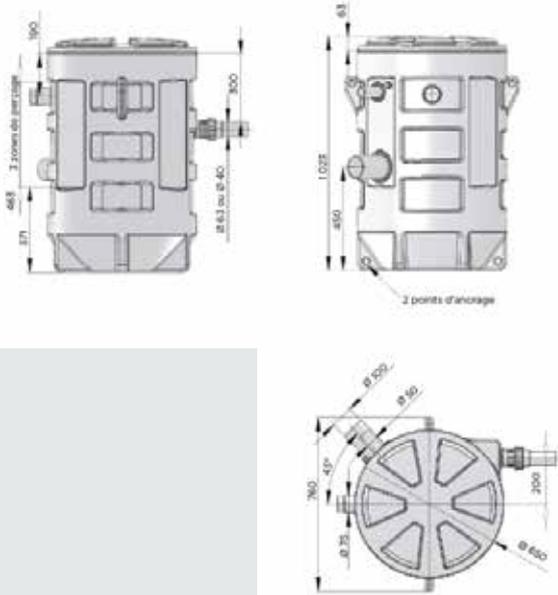
**Normal operating temperature:** 70°C



↑ 11m → 110m



# SANIFOS® 280



**New Vortex dilacerating technology.**

**IDEAL FOR:** Pumping residential or industrial waste water, when the sewer is at a too high level for natural gravity drainage.

This pump has a 280 litre storage tank with a float switch and offers easy handling for installation below ground level. There are three drilling zones to allow access to the tank where you need it for your project

**Size:** L 1023mm x H 760mm

**Weight:** 38kg

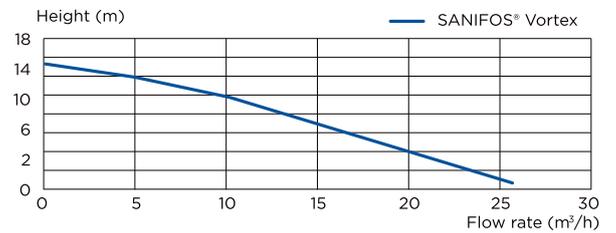
**Discharge pipe diameter:** 50mm

**Power / Electrical Information:** 220 - 240V / 50 - 60Hz / 1500W / 6A / IP68

**Inlets:** 6 inlets  $\varnothing$  ext. 50/40/100/110/125

**Working Temperature:** 70 C for short periods

**Equipped with:** Sanifos 250 HF Alarm / check valve with ball NRV



↑ 11m → 110m

Sanifos 280 (vortex)



# SANIFOS® 610

**IDEAL FOR:** Pumping residential or industrial waste water, when the sewer is at a too high level for natural gravity drainage.

This is an automatic lifting station for residential or industrial waste. It can take waste from a toilet, basin, bath, shower, bidet, washing machine, dishwasher and sink.

**Size:** 1140mm x 1000mm

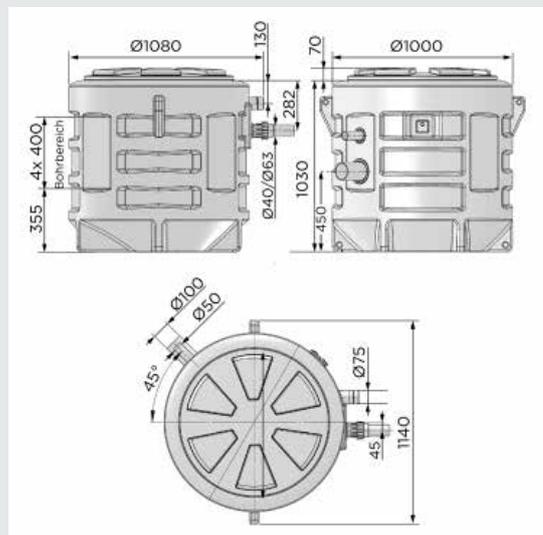
**Weight:** 1 pump: 68kg / 2 pumps: 88kg

**Discharge pipe diameter:** 63mm

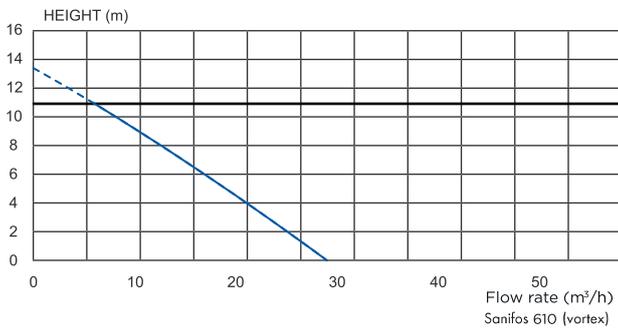
**Power / Electrical Information:** 220 - 240V / 50 - 60Hz / 2 x 1500W / 6A (1 motor running) / IP68

**Inlets:** 6 inlets Ø ext. 50/40/100/110/125

**Working Temperature:** 70°C



**New Vortex dilacerating technology.**



↑ 12m → 120m



# SANIFOS® 610 SLD

**IDEAL FOR:** A single house, residential or commercial use where storm water drainage is not possible due to limited access.

This powerful lifting station is capable of pumping 48 m<sup>3</sup>/h.

**Size:** 1050mm x 1140mm

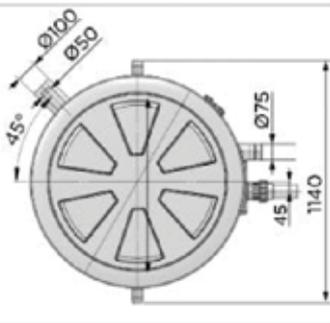
**Volume:** 610ℓ

**Discharge pipe diameter:** 63mm

**Power / Electrical Information:** 220 - 250V / 50 - 60Hz / 1100W / IP68



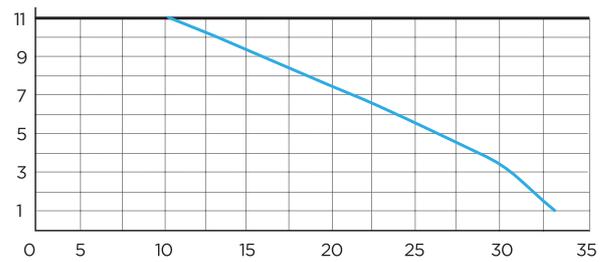
- A. 50mm discharge with equipped ball NR valve
- B. Connect to 75mm open venting pipe
- C. Rain water inlet



↑ 14m

## FLOW RATE PERFORMANCE CHART

Discharge height (m)

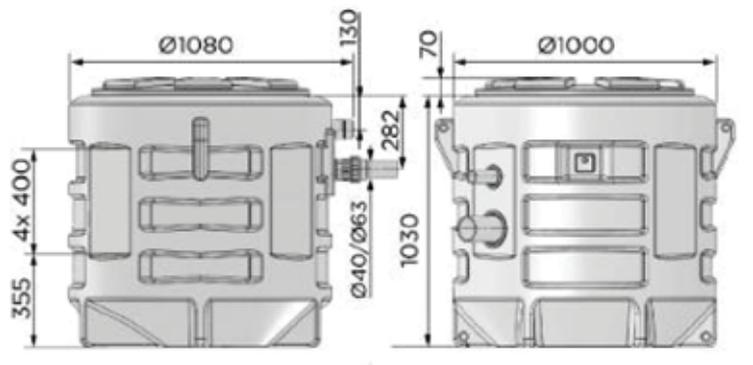


Sanipump SLD

OUTPUT (m<sup>3</sup>/h)

## BENEFITS OF THE SANIFOS® 610 SLD

1. Ideal for single residential or small commercial applications
2. Tough reliable storm water pump
3. Compact space saving tank design
4. Wired high level alarm
5. Choice of optional inlet connection points
6. IP68 rated
7. Complete package ready to install. Includes internal pipework, non return and ball valve supplied
8. Energy saving and reduced motor wear thanks to large working volume





**IDEAL FOR:** The handling of waste water from an underground pit or tank.

A submersible pump with macerator blades for use in domestic or commercial applications.

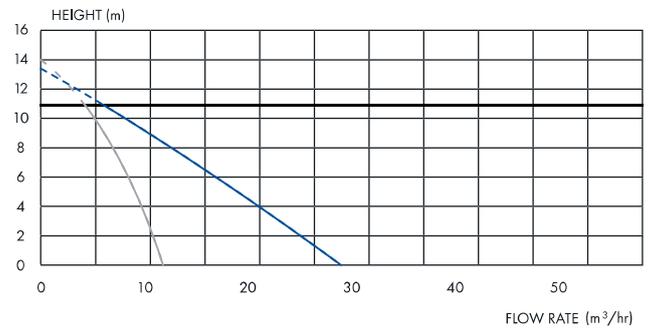
**Size:** L 265mm x H 382mm

**Weight:** 13kg

**Discharge pipe diameter:** 40mm

**Power / Electrical Information:** 220 - 240V / 50 - 60Hz / 1500W / 6A / IP68

**Working Temperature:** 70°C



↑ 11m → 110m

Sanipump (bladed)

Sanipump (vortex)



# SUBMERSIBLE PUMPS



**SANISUB<sup>®</sup> ZPK**



**SANISUB<sup>®</sup> 400**



**UFB<sup>®</sup> 200/30 & 40**



**SANIPUMPSLD<sup>®</sup> 700 SA**



**SANIPUDDLE<sup>®</sup> FSP**



**SANISUB<sup>®</sup> STEEL  
AND EMERGENCY KIT**

## IDEAL FOR: Residential/Industrial/Agricultural

Sanisub ZPK 40A has an automatic release triggered by adjustable float. Can handle water up to an average temperature of 90°C over a short period.

**Size:** 212mm x 342mm

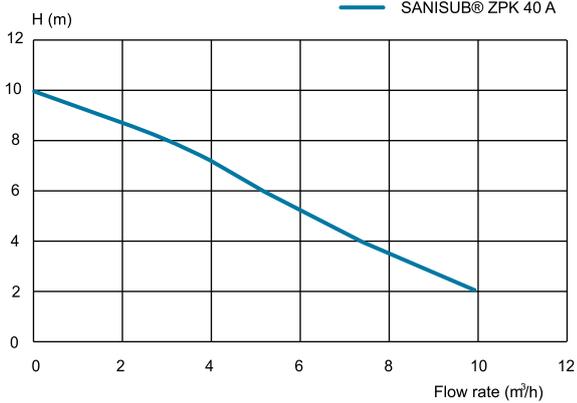
**Weight:** 6.5kg

**Discharge pipe diameter:** 32mm

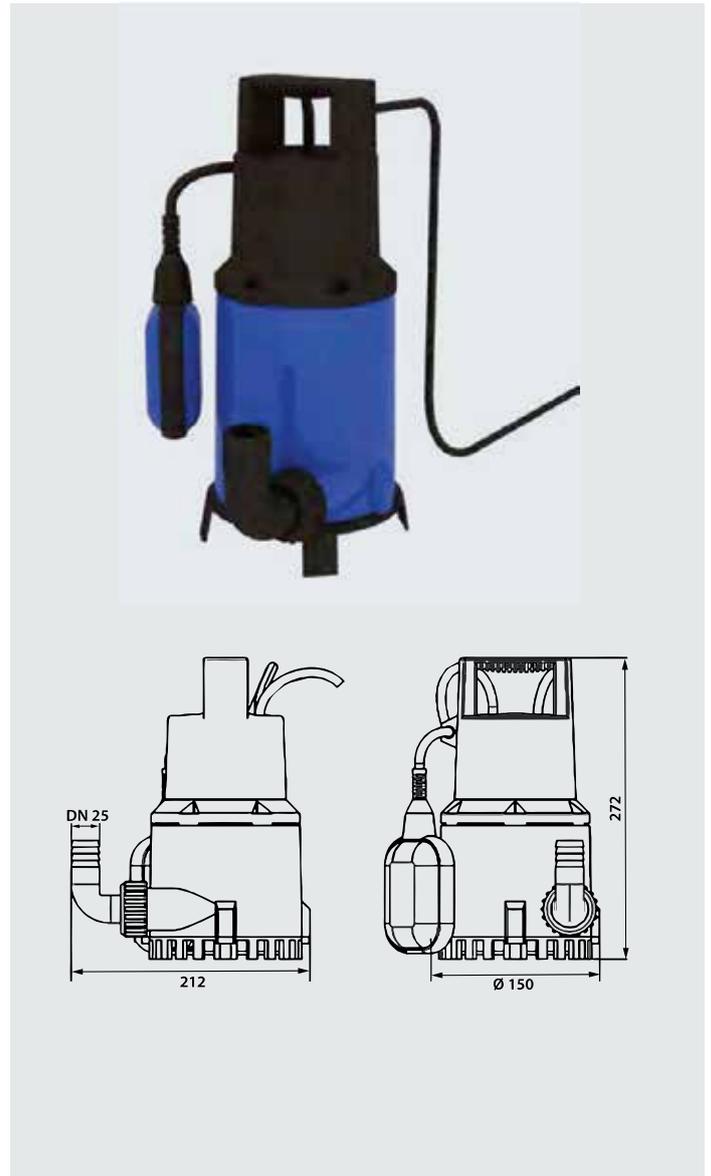
**Power / Electrical Information:** 220 - 240V / 50 - 60Hz / 850W / 3.7A / IP68

**Working Temperature:** 90°C

**Free passage:** 30mm Particle size



↑ 10m



# SANISUB® 400

## IDEAL FOR: Residential

Automatic release Portable Submersible pump Integrated non return valve Pump for basements, sumps or for flood water

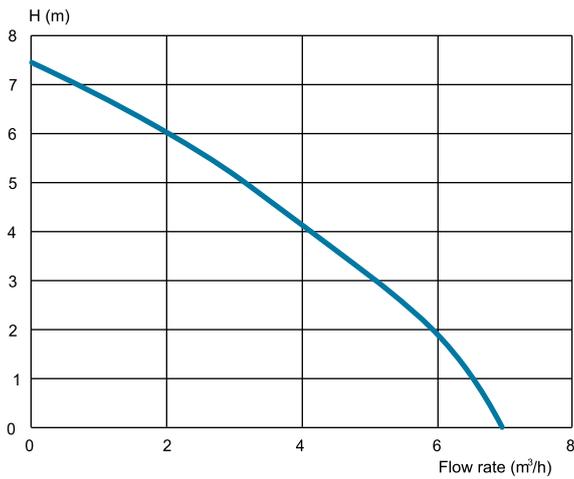
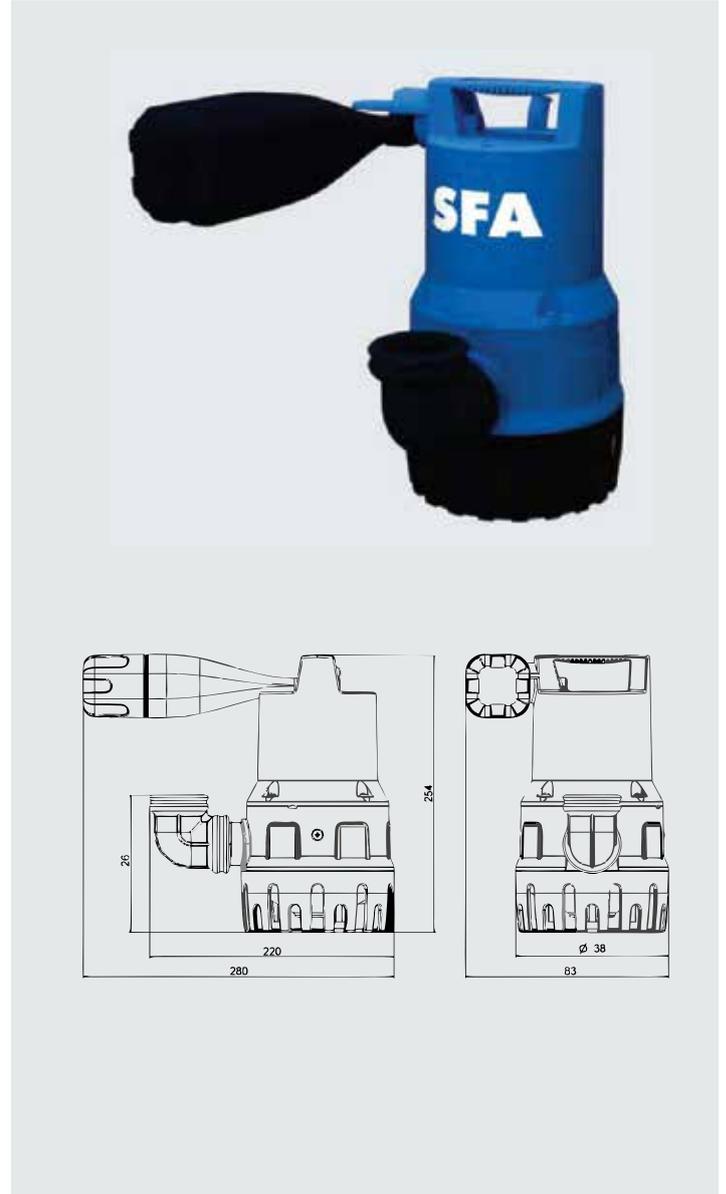
Size: 183mm x 254mm

Weight: 4.1kg

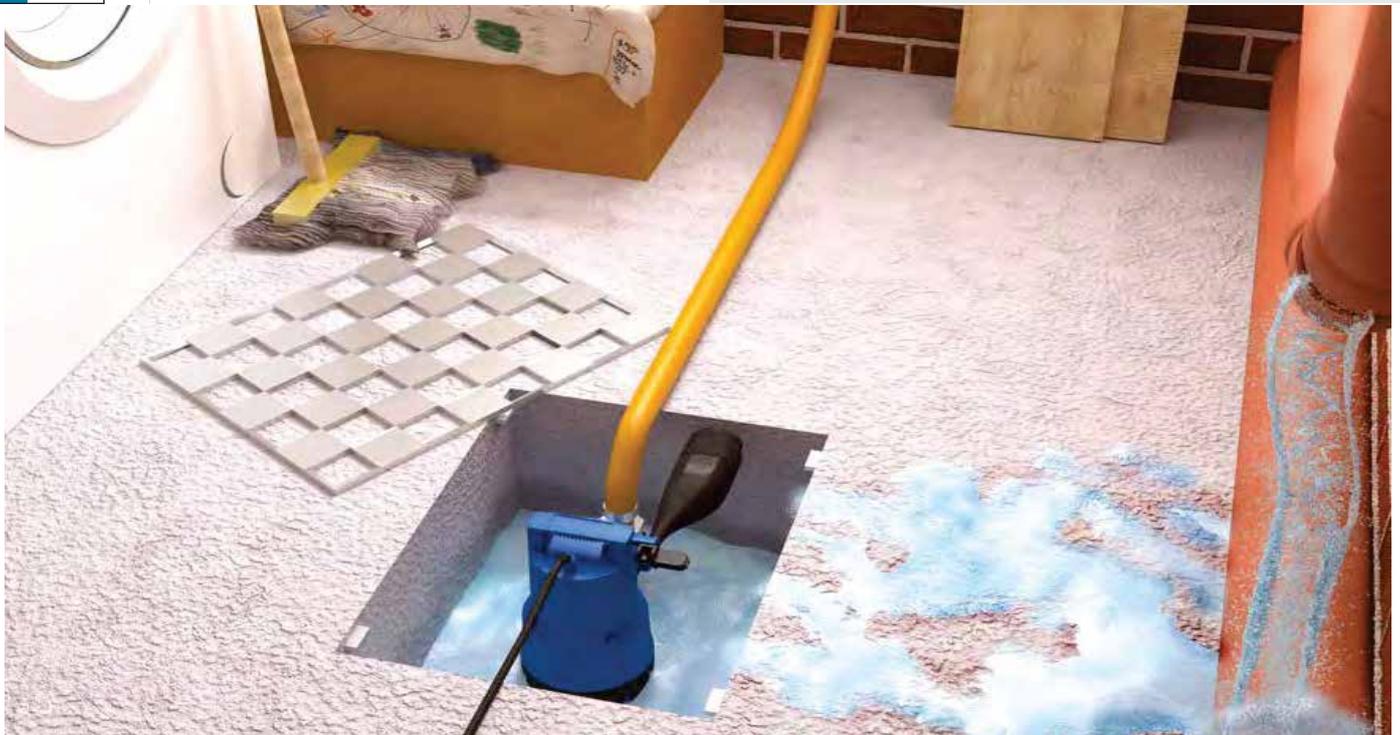
Discharge pipe diameter: 32mm

Power / Electrical Information: 220 - 240V / 50 - 60Hz / 400W / 1.4A / IP68

Free passage: 10mm Particle size



↑ 7.5m



# UFB® 200/30 & 40

## IDEAL FOR: Residential

**Pumping of domestic waste water from washing machines, Showers, washbasins etc.**

**Size:** UFB 200/30: 460mm x 350mm x 432mm

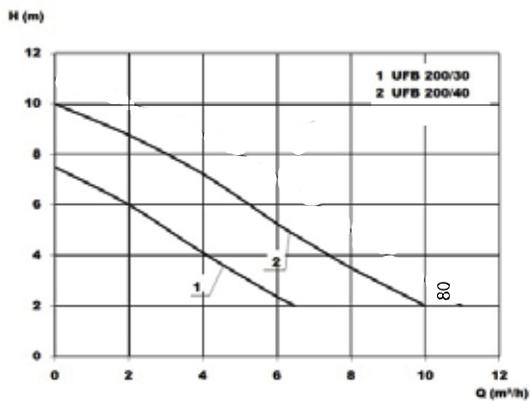
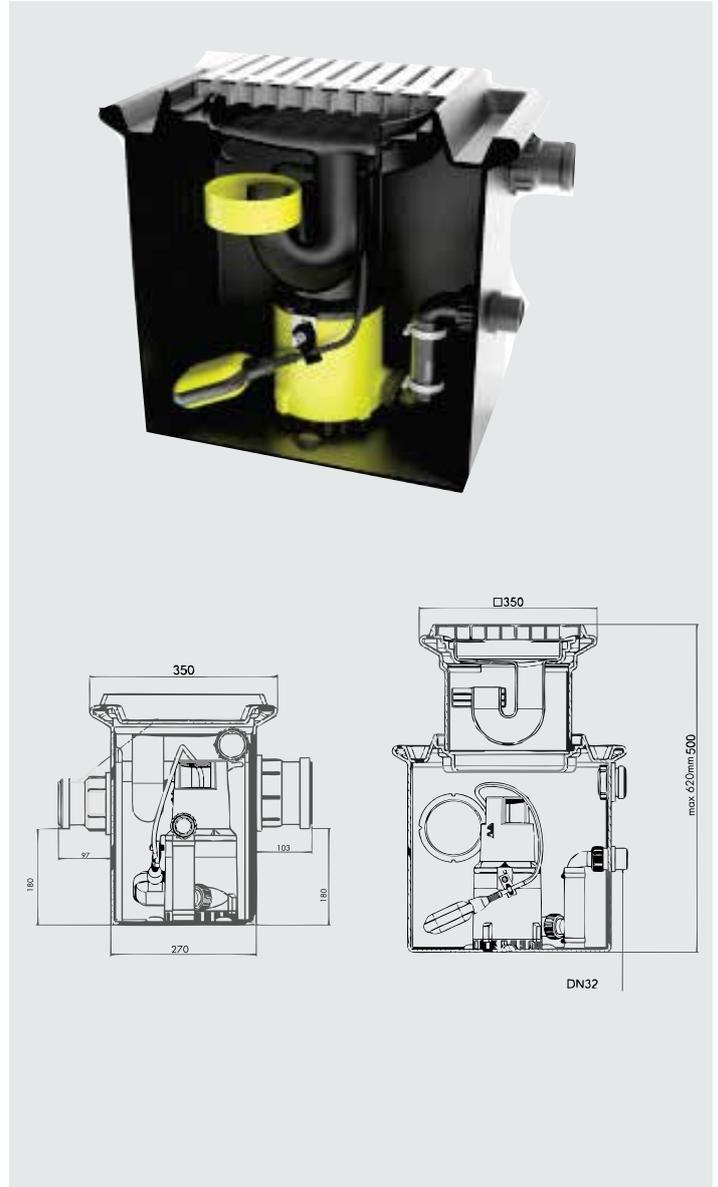
**Size:** UFB 200/40: 460mm x 350mm x 432mm (Adjustable)

**Weight:** UFB 200/30: 6.1KG | UFB 200/40: 8KG

**Discharge pipe diameter:** 32mm

**Power / Electrical Information:** 220 - 240V / 50 - 60Hz / IP68  
 UFB 200/30 1.8A / 350w motor / UFB 200/ 40 3.5A / 650W motor

**Working Temperature:** 40°C ( short term 90°C)



UFB 200/30

↑ 7.5m

UFB 200/40

↑ 10m



# SANIPUMP® SLD 700 SA

**IDEAL FOR:** Residential/Industrial

**Pumping of rainwater. It can be installed in concrete manholes or pits.**

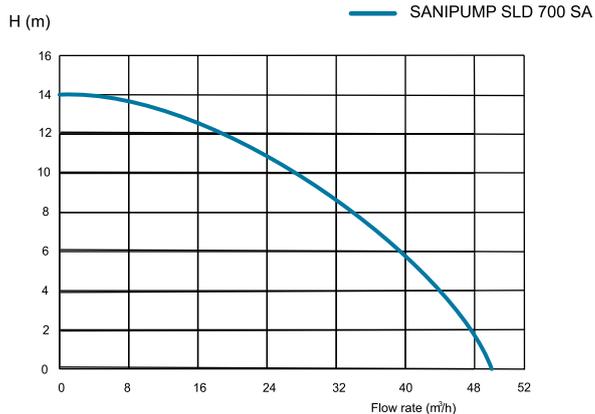
**Size:** 355mm x 240mm x 514mm

**Weight:** 32.8kg

**Discharge pipe diameter:** 63mm

**Power / Electrical Information:** 220 - 240V / 50 - 60Hz / 1100W / 9.2A / IP68

**Free passage:** 50mm Particle size



↑ 14 m



# SANIPUDDLE® FSP

## IDEAL FOR: Residential

Portable pump for pumping puddles. For cellars, laundry, swimming pools, ponds, garages etc.

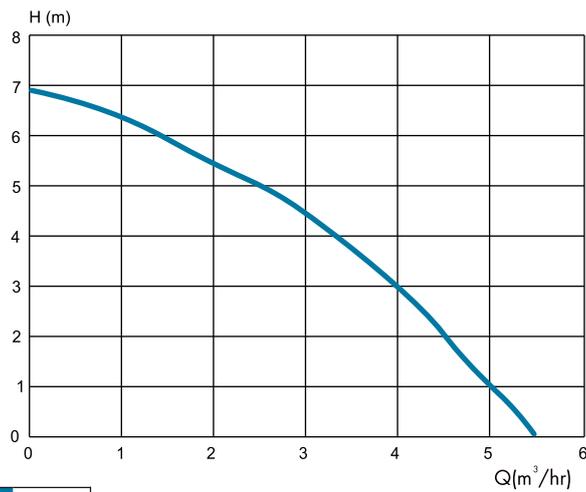
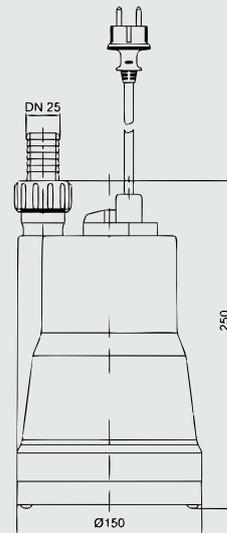
Size: 250mm x 150mm

Weight: 3.77kg

Discharge pipe diameter: 25mm

Power / Electrical Information: 220 - 240V / 50 - 60Hz / 300W / 1.3A / IP68

Free passage: 1mm Particle size & leaves only 4mm of water



↑ 7m



# SANISUB<sup>®</sup> STEEL AND EMERGENCY KIT

**IDEAL FOR:** Residential/Industrial/Agricultural

For wastewater with a mini-mum particle size of 10mm.  
Complete with basket, hose and pump.

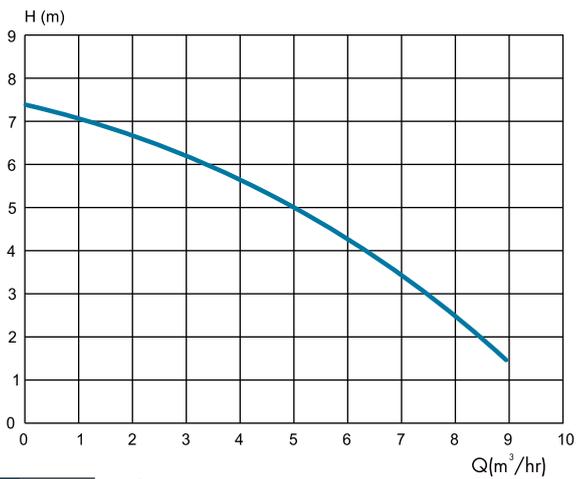
Size: 276mm x 233mm x 168mm

Weight: 13kg

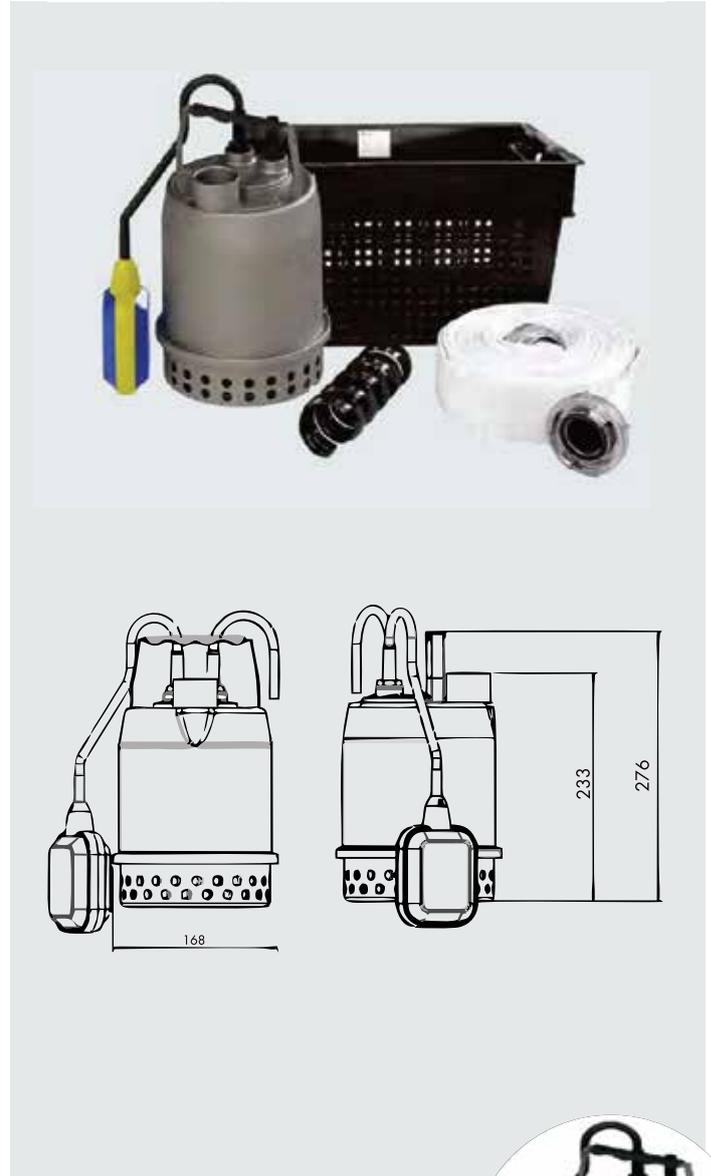
Discharge pipe diameter: 32mm

Power / Electrical Information: 220 - 240V / 50 - 60Hz /  
450W / 2A / IP68

Working Temperature: 35°C max 80°C (short period)



↑ 7.5m



Also available without emergency kit





## CONDENSATE PUMPS



**SANICONDENS** *Pro*



**SANICONDENS** *Glim Mini*



**SANICONDENS** *Glim Pack*



**SANICONDENS** *Glim Deco*

# SANICONDENS® Pro

**IDEAL FOR:** Commercial refrigeration systems, air conditioners and de-humidifiers.

The Sanicondens Pro pumps condensate away from the refrigerated display or large air conditioners.

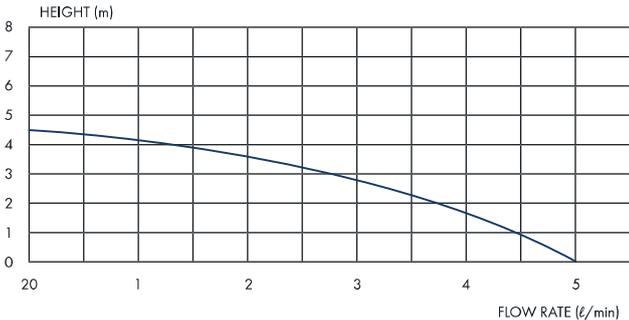
**Size:** L 242mm x H 169mm x W 143mm

**Weight:** 2kg

**Discharge pipe diameter:** 8mm / 11mm

**Power / Electrical Information:** 220 - 240V / 50Hz / 60W / 0.52A / IP20

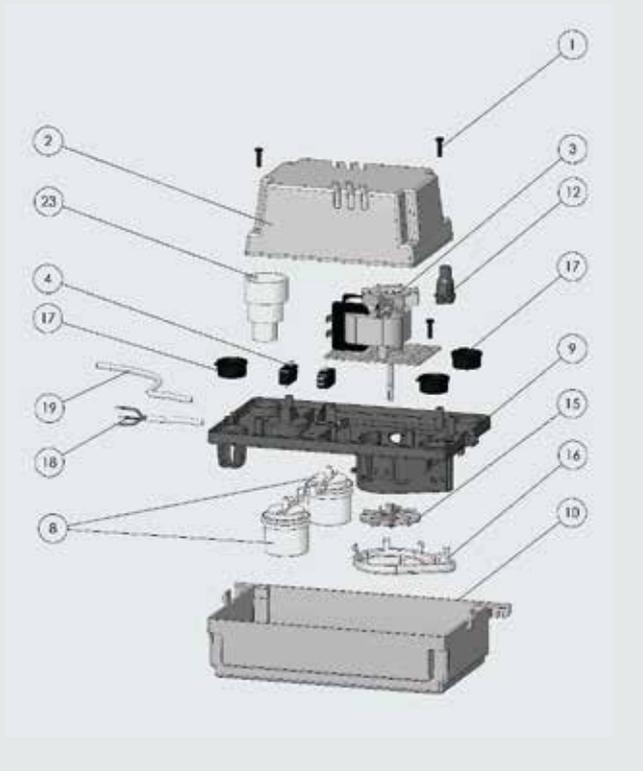
**Working Temperature:** 80°C



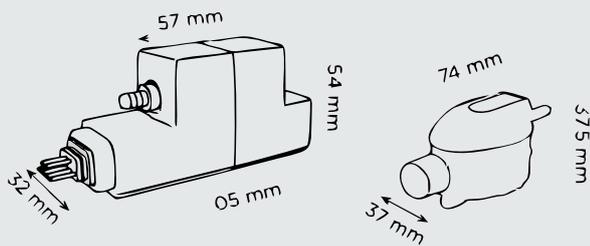
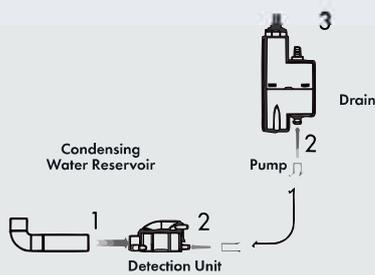
↑ 4.5m



A. 8/11 mm elbow discharge with equipped NR valve  
 B. Connect to boiler, air conditioner, etc.



# SANICONDENS® Clim Mini S



**IDEAL FOR:** The installation of an air conditioning system.

The Sanicondens Clim Mini is specifically designed to handle condensate produced by air conditioning systems.

**Size:** L 104mm x H 49.5mm x W 28mm

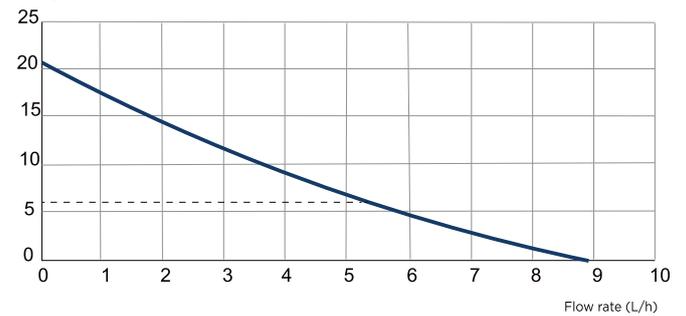
**Weight:** 0.5kg

**Discharge pipe diameter:** 10mm

**Power / Electrical Information:** 220 - 240V / 50Hz / 22W / 0.52A / IP20



Height (m)



↑ 6m



**IDEAL FOR:** The installation of an air conditioning system.

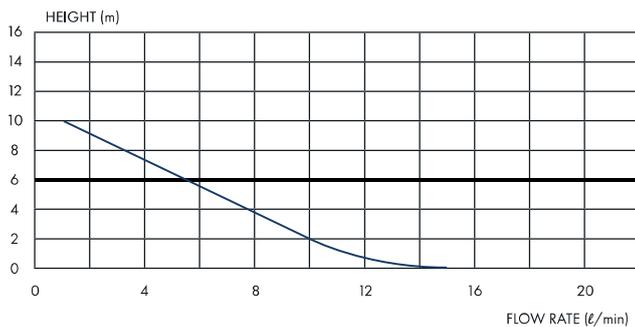
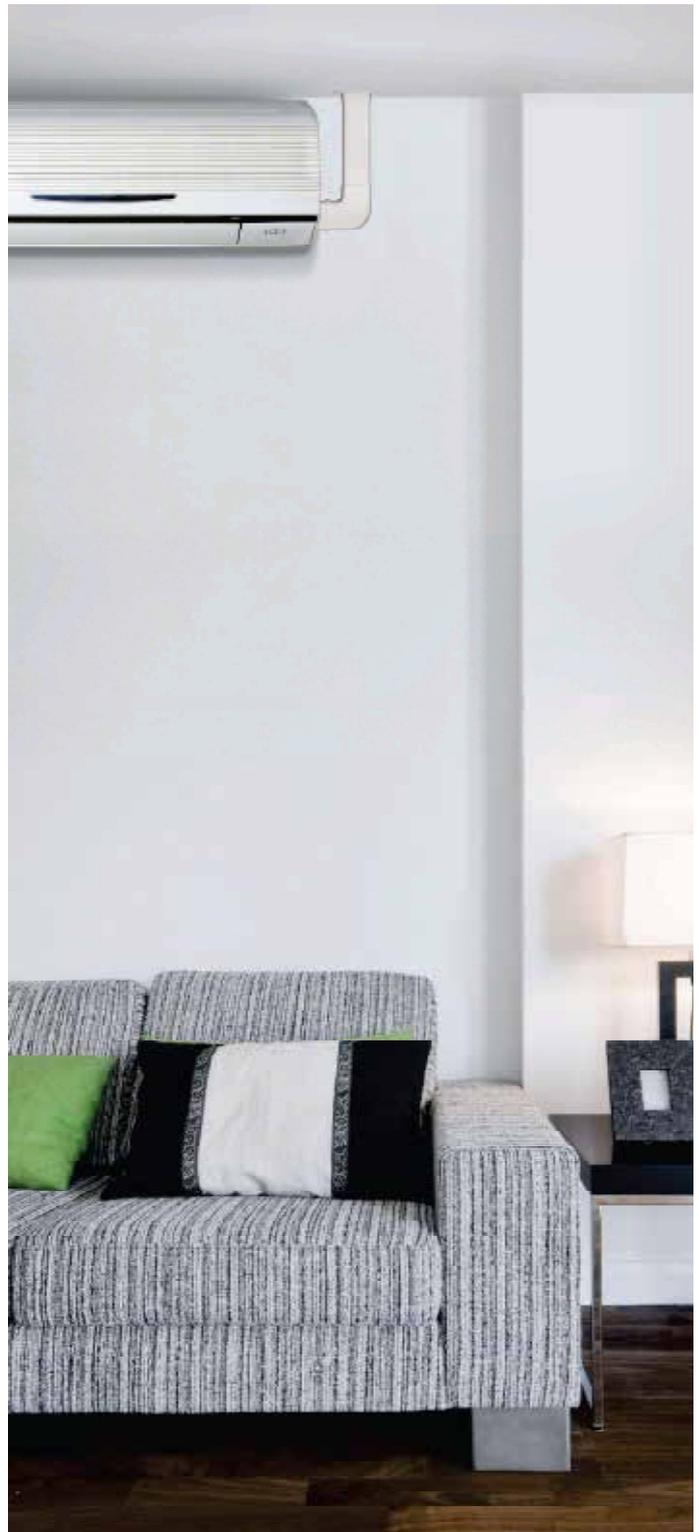
A Sanicondens Clim Mini is incorporated into the Clim Pack, specifically designed for split units, which comes with trimmable plastic trunking for a perfect finish.

**Size:** Minimum L 127mm x H 360mm x W 62mm  
Maximum L 127mm x H 860mm x W 62mm

**Weight:** 1.3kg

**Discharge pipe diameter:** 10mm

**Power / Electrical Information:** 220 - 240V / 50Hz / 22W / 0.52A / IP20



↑ 6m

# SANICONDENS® Clim Deco



**IDEAL FOR:** The installation of air conditioning systems and refrigeration units.

This easy-to-install unit disposes of condensate produced by commercial air conditioning systems and refrigeration units.

**Size:** L 45mm x H 115mm x W 57.5mm

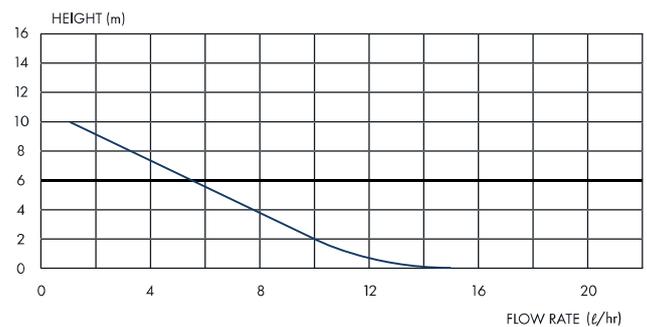
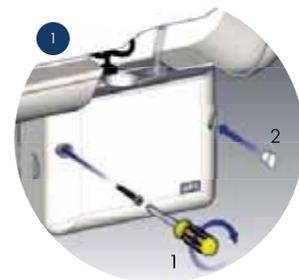
**Weight:** 0.4kg

**Discharge pipe diameter:** 8mm to 10mm

**Power / Electrical Information:** 220 - 240V / 50Hz / 25W / 0.52A / IP24

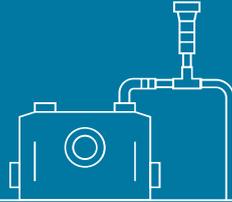


## Installation



↑ 6m





# ACCESSORIES



**SANIALARM**



**EXTENSION PIPE**



**ISOLATING VALVES**



**AIR ADMITTANCE VALVE**

# SANIALARM

Alerts the user to prevent further usage until the unit has been inspected

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 level allowed. 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 drain-water pumps.



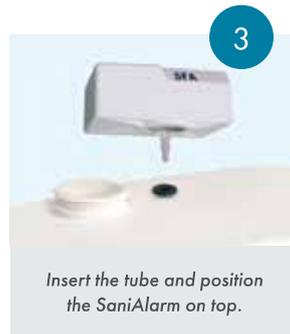
**\*Suitable for use with Saniflo, Sanitop, Sanipro XR, Sanislim, Sanipack, Sanibest Pro, Sanivite and Sanispeed.**



1  
Install two AA batteries (not included).



2  
Drill a 10mm-diameter hole on top of the case where indicated.



3  
Insert the tube and position the SaniAlarm on top.



4  
Turn the switch to the ON position.

# EXTENSION PIPE

SFA Saniflo introduced the Extension Pipe to simplify the installation process and make it easier to hide the pump and plumbing behind any finished wall. This extension pipe is used with the Saniflo, Sanitop, Sanipro, Sanislim, Saniplus, Sanibest Pro and Saniaccess 3 systems.

The 450mm extension pipe was designed with the idea to reduce time when installing the macerating and grinding systems. It has an inner gasket which connects to the rear spigot of the Saniflo toilet without any difficulty. Its sealed connection keeps water from seeping out once the toilet is flushed.

The ease of installation is the reason why installers recommend the extension pipe for any Saniflo installation. When using the extension pipe, the toilet bowl should be raised 10mm for additional gravity flow toward the macerating or grinding system.



**Extension pipe includes paintable decorative trim that surrounds the pipe and provides a perfect finish.**

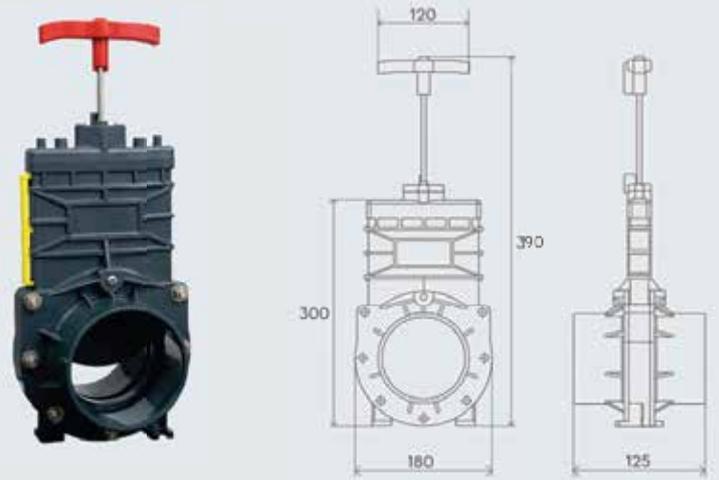


# ISOLATING VALVES

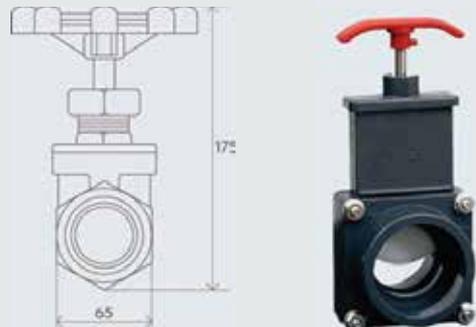
Designed for use with the Sanicubic range, isolating valves allow you to carry out maintenance on lifting stations easily, quickly and without restrictions.

## WHY CHOOSE THIS PRODUCT?

1. Allows convenient maintenance
2. Designed specifically for use with the Sanicubic range



Size: 100mm or 110mm / Weight: 1.86kg

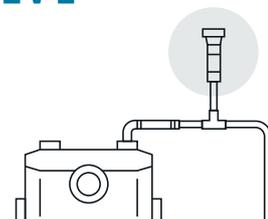


Size: 50mm / Weight: 1.44kg



## AIR ADMITTANCE VALVE

Where the pipework goes to a floor lower, fit an air admittance valve at the highest point capable of withstanding 10psi pressure, or increase pipe size coming down to 'break' syphon.





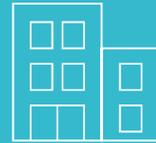
# CASE STUDIES



**RESIDENTIAL**



**PROFESSIONAL**



**COMMERCIAL**



**INDUSTRIAL**



**MODULAR CONSTRUCTION**

## THE CHALLENGE

Canal Walk, Western Cape

Basins and sinks installed in remote areas at Clicks stores

Clicks' pharmacy and staff kitchen are situated at the back of the store. There is no drain to discharge the waste. To install conventional drainage would require costly excavation work.

## THE SOLUTION

Due to the distance from the main drain, **SANISPEED** has been used to remove all greywater. The unit pumps grey water from a wash basin and double kitchen sink 3.5m vertically and then 15m horizontally to reach the main drain, without major work.



See product on page 27

# PHARMACY



● Traditional Drain  
● Saniflo Drain  
● Main Outlet Drain



# FOOD COURT



● Traditional Drain  
● Saniflo Drain  
● Main Outlet Drain



## THE CHALLENGE

Howard Centre, Pinelands, Western Cape

An extra sink installed where no drain is available!

The shop needed an extra sink for washing dishes. There was no drain available in the location where the owner needed the sink to be installed.

## THE SOLUTION

**SANISHOWER** located in the bottom of the cupboard was the perfect answer to allow for the installation of an extra sink. The unit carries waste water 2.8m up to the ceiling and 10m across a neighbouring shop via a 32mm pipe to reach the main drain.



See product on page 23

## THE CHALLENGE

Clifton, Western Cape

En-suite bathroom installed where there is no access to the drain.

Adding an en-suite bathroom to a beautiful bedroom when the drainage point is at the opposite side of the flat. A plumber would have had to cut the concrete, chop the tiles from three rooms and even break two walls. A massive cost for such a project.

## THE SOLUTION

**SANIPACK** enables the installation of an en suite with suspended/wall-hung toilet. The Sanipack carries waste up to the ceiling, across the entrance corridor to the main bathroom to finally reach the drain. Without undergoing major work, this new en suite was installed in just half a day.



See product on page 18

## LUXURY COMPLEX



## TOWN HOUSE

- Traditional Drain
- Saniflo Drain
- Main Outlet Drain



## THE CHALLENGE

Green Point, Western Cape

Guest bathroom added to a basement.

Located in the basement, it is practically impossible to add a new bathroom to the guest bedroom. Adding a sump pump would have been very expensive and intrusive, and would have left a large hole.

## THE SOLUTION

Without digging to make drainage connections, the **SANIPRO XR** unit quietly discharges waste through small-diameter, above-floor piping to the sewage. The discharge pipe carries waste out of the house to reach the main stack at the upper level.



See product on page 16

# CITY CENTRE ROOF TOP CLUB



## THE CHALLENGE

Cape Quarter, Cape Town, Western Cape

Commercial kitchen and restrooms installed on a roof top.

Installing a fully equipped commercial kitchen and bathroom on a rooftop involves major work, especially regarding the drainage parameter. In this case, it would have cost an extra R55 000 just to remove the air-conditioner, which is located in the path of the conventional drain.

## THE SOLUTION

**SANICUBIC 2 CLASSIC** removes waste from the double kitchen sink, dish and glass washers, two wash basins and two toilets, without major work. The air conditioner remained in position as Sanicubic 2 Classic is discharging 5m horizontally and 6m vertically through a 50mm pipe to reach the upper drainage point. An easy, reliable and cost-effective way to install all amenities where needed.



See product on page 39

# MODULAR CONSTRUCTION



## THE CHALLENGE

Johannesburg, Gauteng

Toilets and wash basins installed in containers!

A sanitation container is designed to offer flexibility, but draining the waste is not that easy. It needs to be located near a septic tank or sewer connection/manhole, thus compromising the unit's flexibility.

## THE SOLUTION

**SANICUBIC 1** has been installed into the Kwikspace sanitation containers to collect and lift all waste. Those containers can now be installed anywhere and moved very easily.



See product on page 31

## THE CHALLENGE

Century City, Western Cape

Half bathroom installed in unused cloakroom.

Owners of an apartment in a premium residential building in Century City had an unused cloakroom that they wanted to turn into a bathroom. The problem was that the main sewer line was located on the other side of the apartment.

## THE SOLUTION

Due to space constraints the solution was a **SANICOMPACT 43**, which uses minimal space due to not having a cistern and incorporates a macerator within the pan. The unit also allows for the easy facilitation of a basin. It's sleek design suited the style of the apartment.



See product on page 14

# RESIDENTIAL APARTMENT



- Traditional Drain
- Saniflo Drain
- Main Outlet Drain



# GOVERNMENT

## THE CHALLENGE

Cape Town, Western Cape

Private bathrooms on all 18 floors of parliament since 1995!

A new bathroom was needed for each ministerial office. In some cases, the offices were situated far from the main drainage pipe. Cutting the concrete in order to reach the conventional drain would have compromised the integrity of the building.

## THE SOLUTION

**SANIFLO** units have been installed with the toilets in order to break up the waste and reach the smaller drain 3 metres away. The units were installed in 1995 and are still operational today.



- Traditional Drain
- Saniflo Drain
- Main Outlet Drain



See product on page 12

**THE CHALLENGE**  
Durban, KwaZulu-Natal

Coffee counter and staff kitchen located far from drain.

The Empire Coffee counter and the staff kitchen are located at the opposite side to the main drain. The facilities manager did not want to disrupt the entire store to do the installation.

**THE SOLUTION**

**SANICOM 1** can handle very hot water and the intensive activity that occurs in an industrial kitchen. The unit carries greywater from a double kitchen sink, glass and dishwasher and a wash basin up through the ceiling all the way to the entrance where the main drainage pipe is situated. All achieved without having to break the walls and break up the tiles.



See product on page 28

**CONVENIENCE STORE CHAIN**



**THE CHALLENGE**  
Alberton, Gauteng

Bathrooms in a shopping complex with no sewage line.

The new shopping complex was built in an area with no sewage. Each of the three shops needed its own bathroom and it would have been costly to install a new sewage line.

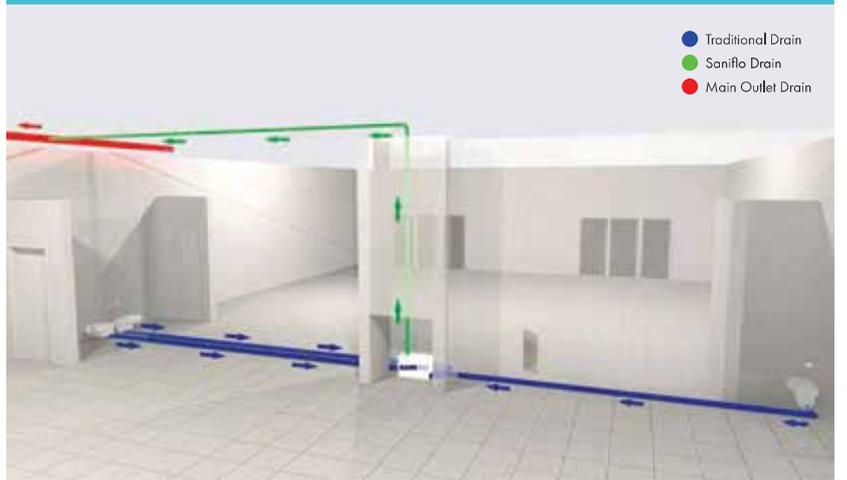
**THE SOLUTION**

**SANICUBIC 1** enables the installation of multiple bathrooms. Here the unit removes waste from three toilets and three wash basins through a 50mm discharge pipe, 4m up and 40m across to reach the existing sewer line.



See product on page 31

**SHOPPING COMPLEX**



# DENTIST

- Traditional Drain
- Saniflo Drain
- Main Outlet Drain



## THE CHALLENGE

Goodwood, Western Cape

Dental practice relocated to the middle of a mall.

The dentist studio has been moved from the external part of the mall to the inside shops area. This new position will enable the practice to attract more patients. The limitation is that the main drain pipe is now opposite side from the dental chairs, wash basin and staff room.

## THE SOLUTION

**SANIPRO XR** has been installed in the staff room to enable the discharge of waste from the toilet and kitchen sinks. **SANIVITE** has been used to remove grey water coming from all dental chairs and wash basins. The owner received a reliable and cost effective Saniflo solution to set up his new practice.



See product on page 16



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General MANAGER

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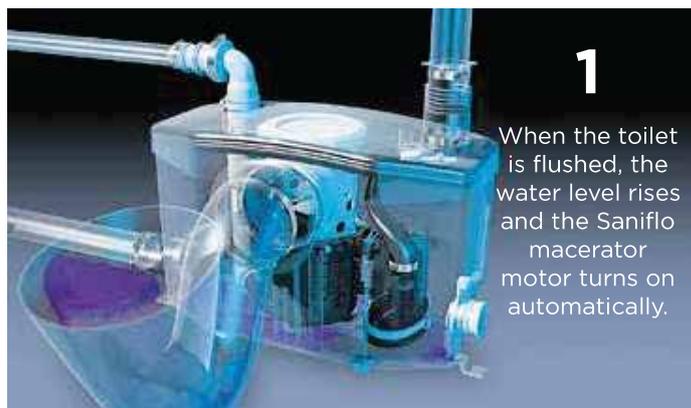
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## WHAT IS A MACERATOR?



**Saniaccess® 3    Saniplus®    Sanipack®**  
**Sanicompact®**

To “macerate” is to soften and break in pieces. Our Saniflo macerating systems use a stainless steel rotating 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.



**1**

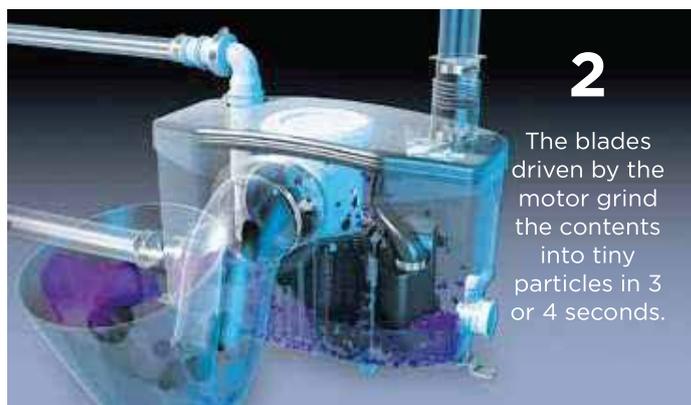
When the toilet is flushed, the water level rises and the Saniflo macerator motor turns on automatically.

## WHAT IS A GRINDER?



**Sanibest® Pro**  
**Sanicubic® 1    Sanicubic® 2**

The grinder will accept accidental flushing of sanitary items such as **feminine hygiene products**. The heavy-duty stainless steel blade grinds up the waste particles (i.e. toilet use, shower, washing machine, etc.) and pumps it into a sanitary sewer as a fine slurry.



**2**

The blades driven by the motor grind the contents into tiny particles in 3 or 4 seconds.

## WHAT IS A VORTEX?



**Sanicubic® 1VX    Sanicubic® 2VX**

A specially designed pump impeller that creates a whirlpool, or vortex action as the effluent enters the lift station enclosure. This technology keeps solids away from the impeller as it turns, pushing waste rapidly through the pump and to the discharge pipe. In doing so, the **possibility of clogging is substantially reduced**.



**3**

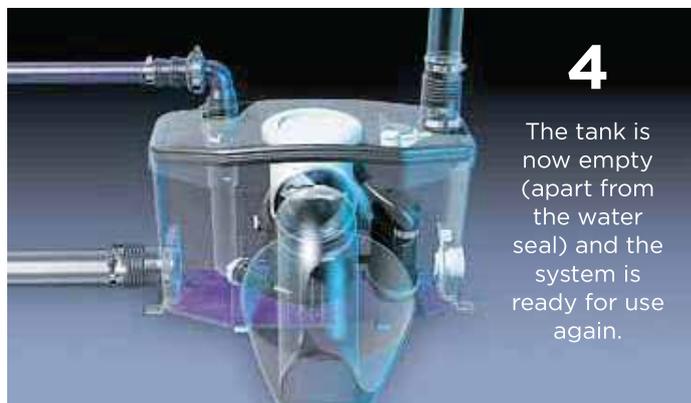
The finely ground particles are pumped through a standard 22 or 40 mm pipe.

## WHAT IS A SINGLE CHANNEL



**Sanicubic® 1SC**

A high performance single channel cutting blade for high volume lifting station requirements



**4**

The tank is now empty (apart from the water seal) and the system is ready for use again.

**ALL YOU NEED IS A POWER SUPPLY AND WATER!**

# Saniflo SFA GROUP

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