SANIFLO®

MADE IN FRANCE

1958 2018 SFA SANIFLO

PLUMBING THE POSSIBILITIES

INDEX

Saniflo – a history of expertise	Page 03
10 Good reasons to choose Saniflo	Page 04
How does Saniflo work?	Page 05
Macerator or greywater pump?	Page 06
Types of installations	Page 07
10 Golden rules	Page 08
Saniflo in your home	Page 09
Saniflo in commercial spaces	Page 10
The right product for your project	Page 11

SECTION 1: HALF BATHROOMS — **PAGE 14**

Saniflo	Page 15
Sanitop	Page 16
Sanicompact 43	Page 17

SECTION 2: FULL BATHROOMS — **PAGE 18**

Sanipro XR	Page 19
Sanislim	Page 20
Sanipack	Page 21
Saniplus	Page 22
Saniaccess 3	Page 23
Sanibest Pro	Page 24

SECTION 3: KITCHEN, LAUNDRY & EN SUITE — **PAGE 26**

Sanishower	Page 27
Sanishower Flat	Page 28
Sanifloor	Page 29
Sanivite	Page 30
Sanispeed	Page 31
Sanicom 1	Page 32

SECTION 4: FULL HOUSE & COMMERCIAL BUILDINGS — **PAGE 34**

Sanicubic 1	Page 35
Sanicubic 2 Classic	Page 37
Sanicubic 2 XL	Page 39

*Image shown with exposed pipes for illustrative purposes only

SECTION 5: UNDERGROUND PUMP STATIONS — **PAGE 42**

Sanifos 110	Page 43
Sanifos 250	Page 44
Sanifos 500	Page 45
Sanipump	Page 46

SECTION 6: CONDENSATE PUMPS — **PAGE 48**

Sanicondens Pro	Page 49
Sanicondens Clim mini	Page 50
Sanicondens Clim pack	Page 51
Sanicondens Clim deco	Page 52

SECTION 7: ACCESSORIES — **PAGE 54**

Sanialarm	Page 55
Extension Pipe	Page 55
Saniflo Isolating Valves	Page 56
Air Admittance Valve	Page 56

SECTION 8: CASE STUDIES – SANIFLO IN USE — **PAGE 58**

Residential	Page 59
Professional	Page 61
Commercial	Page 63
Industrial	Page 66
Modular Construction	Page 66

SANIFLO, A HISTORY OF EXPERTISE

1958

French SFA Group (SANIFLO) revolutionises the sanitary equipment market by designing the toilet macerator.

1970-1980

Following its success in France, SANIFLO widens its sales to Europe and North America and starts advertising on TV.

1990-2000

SANIFLO is one of the first groups in France to apply for quality certifications. Its production sites are some of the first to be ISO certified.

2008

The Group celebrates 50 years of innovation.

2011

SANIFLO Group is now directly involved in 33 countries through its subsidiaries, and its products are in use in more than 100 countries.

2014

SANIFLO Africa (Pty) Ltd opens in Cape Town.

2018

The Group celebrates 60 years of innovation.

SANIFLO®
PLUMBING THE POSSIBILITIES

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.

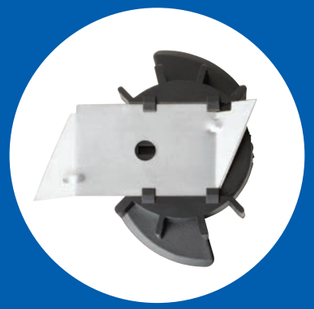
9. EASE OF MAINTENANCE.

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.

HOW DOES SANIFLO WORK?



MACERATOR

Private use (Residential)

To 'macerate' is to soften and break into 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 the sewer pipe as fine slurry.

PRODUCTS
Saniflo / Sanitop / Sanipro XR / Sanislim / Sanipack / Sanicompact / Saniplus / SaniAccess 3

GRINDER

Public use (Restaurants, bars, offices)

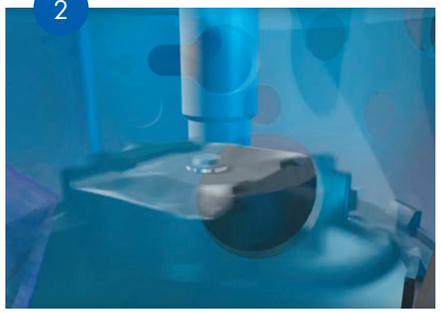
The grinder will mostly accept accidental flushing of sanitary items. It grinds up waste from toilets, showers, washing machines etc. and pumps it into the public sewer or septic tanks.

PRODUCTS
Sanibest Pro / Sanicubic 1 / Sanicubic 2 Classic / Sanifos110 / Sanipump

1

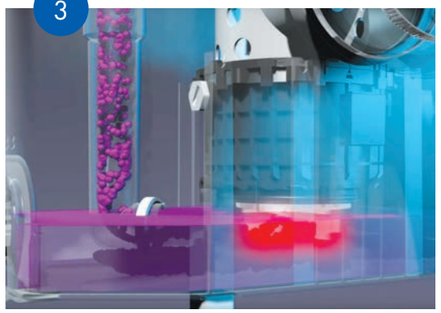
The toilet is flushed into the unit, the water level rises up to the sensor, and the Saniflo macerator motor turns on automatically.

2



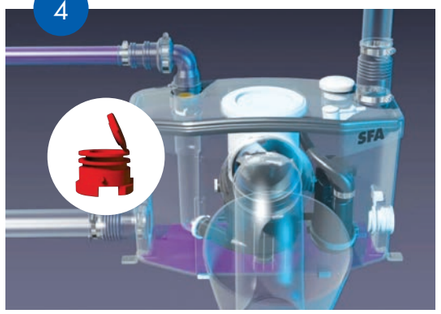
The blades, driven by the motor, grind the contents into tiny particles in 3 or 4 seconds.

3



The finely ground particles are pumped through a standard 22 or 32 mm pipe.

4



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

MACERATOR OR GREYWATER PUMP

MACERATOR PUMPS

If you are installing a toilet, a macerator pump should be used.

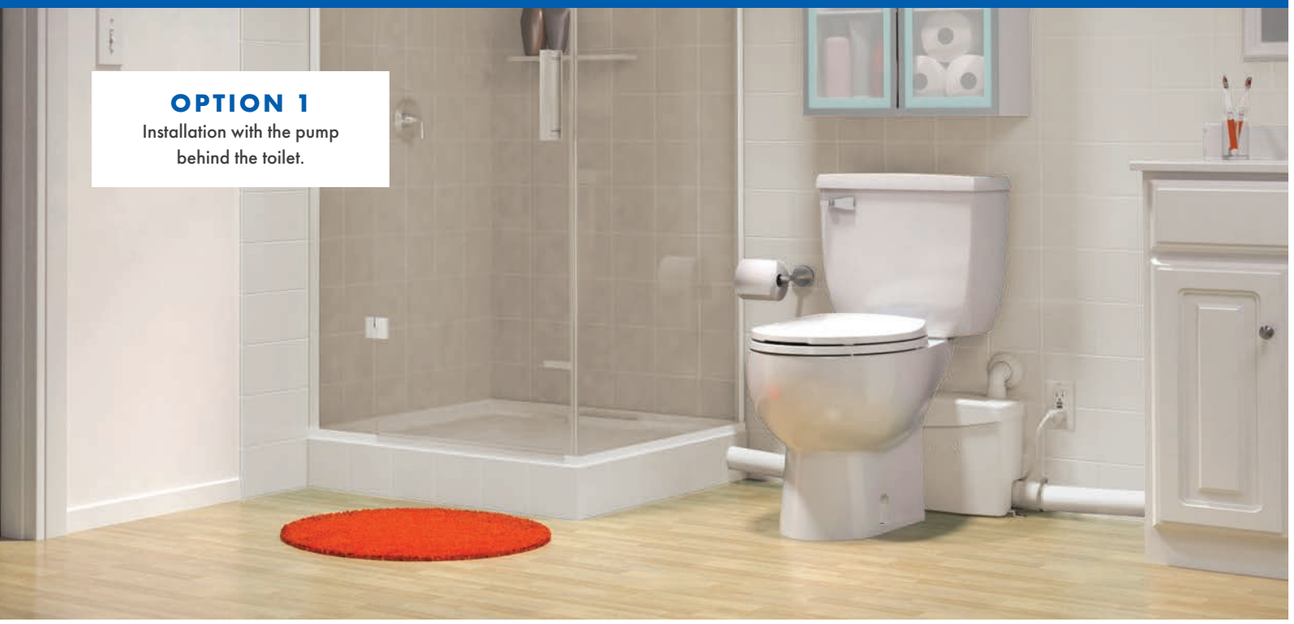
A macerator is a high-speed motor with blades that break up organic waste and paper into a fine slurry, so that it can be pumped away through small-bore pipework. With a range of macerating pumps capable of accepting waste from up to five fixtures, your renovations won't rely on any major structural work as your Saniflo pumps can be installed on top of any finished floor, even if it is located below the existing sewer lines.

GREYWATER PUMPS

If you are not installing a toilet, a greywater pump should be installed.

Greywater is produced from general domestic and office processes such as dish or glass washing, bathing and laundry. Our greywater pump range is ideal for renovating either your home or office, as each pump allows you to install additional facilities such as kitchens, laundry rooms and even shower and washing facilities anywhere you choose – even if the selected space is far from the sewer line. With the ability to pump greywater without relying on traditional gravity-fed plumbing, installing Saniflo does not entail disruptive construction, as the waste lines can be concealed in wall cavities and ceiling voids.

TYPES OF INSTALLATIONS



OPTION 1
Installation with the pump behind the toilet.

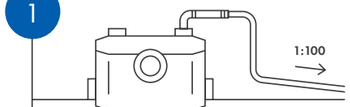
OPTION 2
Installation with the pump and pipes behind the wall.

Saniflo offers flexibility when it comes to installation. We understand that different applications require different approaches. This is why we provide the necessary tools for you to install a full or half bathroom with the finished look you desire.

10 GOLDEN RULES

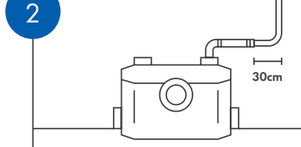
FOR CORRECT SANIFLO INSTALLATION

1



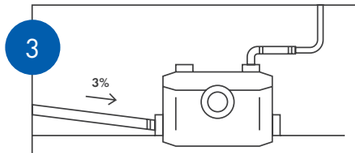
All horizontal pipes should have a minimum fall of 1:100. Discharge pipework should be copper or rigid solvent weld plastic, not 'push-fit'.

2



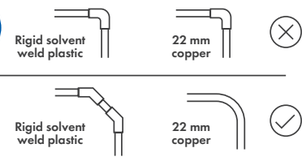
If a vertical run is needed, this should be at the start of the run (within 30cm of the unit) and from the high point there must be a minimum fall of 1:100 (see rule 1).

3



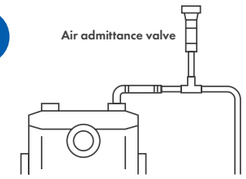
Pipes entering the Saniflo should have a gravity fall of 1:33.

4



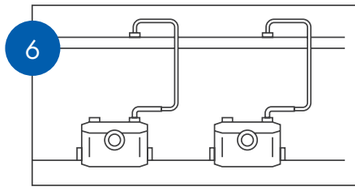
Bends should be smooth/long radius, not tight elbows. All pipework should be supported according to pipe manufacturers recommendations.

5



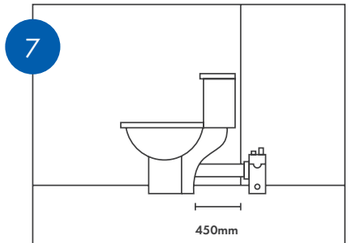
Where the pipework falls to a floor lower for example, fit an air admittance valve at the highest point, capable of withstanding 10psi pressure, or increase pipe size coming down to 'break' syphon.

6



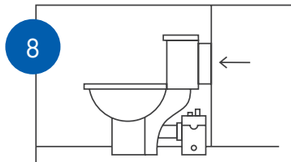
Each Saniflo discharge pipe should run separately to the soil pipe. If wastes are combined, it can only be into a larger pipe, which is on a gravity fall.

7



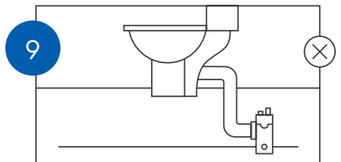
The unit should be easily accessible and removable in the event of maintenance being required. If boxed in, the boxing should be easily removable. Any extension between the toilet pan spigot and wall should not exceed 450mm.

8



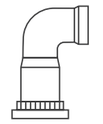
Since many close coupled toilet suites do not have the space between the toilet pan spigot and the wall, you may have to batten the cistern off the wall to make room for the Saniflo. However, Sanislim will fit behind most closed coupled toilet suites without the need for this.

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 30.

LOFT CONVERSION BATHROOM

Need an additional bathroom? Try a Sanislim.
See page 20

BEDROOM/EN SUITE

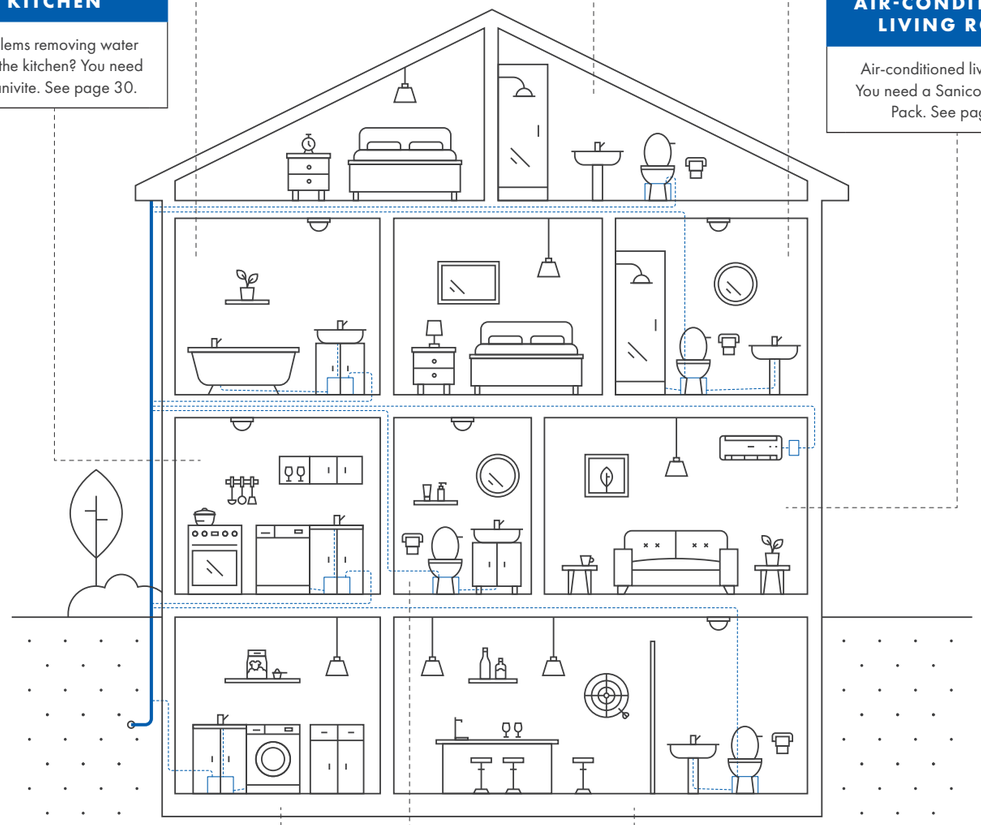
Add an en suite to any bedroom.
Possible with a Sanipro XR. See page 19.

KITCHEN

Problems removing water from the kitchen? You need a Sanivite. See page 30.

AIR-CONDITIONED LIVING ROOM

Air-conditioned living room? You need a Sanicondens Clim Pack. See page 51.



BASEMENT UTILITY ROOM

Creating a new utility room?
Try a Sanivite. See page 30.

GUEST LOO

Not enough room to install a guest loo?
Possible with a Sanicompact 43. See page 17.

GARAGE CONVERSION

Add a bar with a basin and toilet to your newly converted Mancave. Use a Sanitop.
See page 16.

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

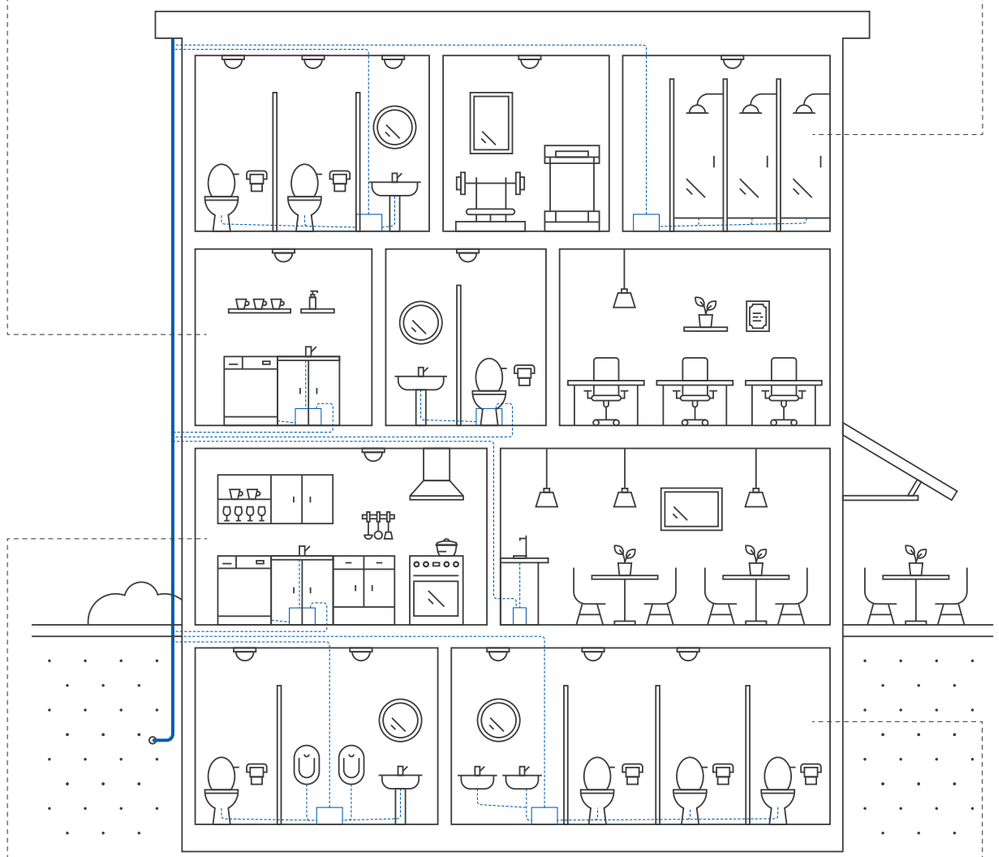
Need extra kitchen facilities for the employees?
Made possible with the Sanivite. See page 30.

Office coffee machine getting used frequently?
The Sanispeed can handle the volume and heat. See page 31.

GYM

Need to install multiple showers? A Sanicom 1 will do the job. See page 32.

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 32.

Kitchen water waste from the café?
Try a Sanispeed. See page 31.

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.

THE RIGHT PRODUCT FOR YOUR PROJECT

EXAMPLES OF SITUATIONS IN WHICH OUR PRODUCTS CAN BE INSTALLED

House / Loft or attic / Upper floor / Ground floor / Basement / Garage / Cabin / Pool house / Restaurant or bar / Mining camp / Warehouse / Office / Shopping complex

See page 58 for many more examples

													DISTANCE UP	DISTANCE LONG	PIPE SIZE	MAXIMUM TEMPERATURE
1. HALF BATHROOMS																
SANIFLO	page 15	•											4m	100m	22-40mm	35° C
SANITOP	page 16	•		•									5m	100m	22-40mm	35° C
SANICOMPACT 43	page 17			•									3m	30m	32-40mm	35° C
2. FULL BATHROOMS																
SANIPRO XR	page 19	•		•	•	•							5m	100m	22-40mm	35° C
SANISLIM	page 20	•		•	•	•							2.5m	40m	22-40mm	35° C
SANIPACK	page 21		•	•	•	•							5m	100m	22-40mm	35° C
SANIPLUS	page 22	•		•	•	•	•						5m	100m	22-40mm	35° C
SANIACCESS 3	page 23	•		•	•	•							5m	100m	22-40mm	35° C
SANIBEST PRO	page 24	•		•	•	•							7m	110m	22-40mm	35° C
3. KITCHEN, LAUNDRY & EN SUITE																
SANISHOWER	page 27			•	•	•							4m	40m	32mm	35° C
SANISHOWER FLAT	page 28			•		•							3m	30m	32mm	35° C
SANIFLOOR	page 29					•							3m	30m	32mm	35° C
SANIVITE	page 30			•	•	•	•	•	•				5m	50m	32-40mm	60° C
SANISPEED	page 31			•	•	•	•	•	•				7m	70m	32-40mm	75° C
SANICOM 1	page 32			•	•	•	•	•	•				8m	80m	32mm	90° C
4. FULL HOUSE & COMMERCIAL BUILDINGS																
SANICUBIC 1	page 35	•	•	•	•	•	•	•	•				11m	110m	50mm	70° C
SANICUBIC 2 Classic	page 37	•	•	•	•	•	•	•	•				11m	110m	50mm	70° C
SANICUBIC 2 XL	page 39	•	•	•	•	•	•	•	•				10m	100m	80mm	70° C
5. UNDERGROUND PUMP STATIONS																
SANIFOS 110	page 43	•	•	•	•	•	•	•	•				11m	110m	40mm	70° C
SANIFOS 250	page 44	•	•	•	•	•	•	•	•				11m	110m	50mm	70° C
SANIFOS 500	page 45	•	•	•	•	•	•	•	•				12m	120m	50mm	70° C
SANIPUMP	page 46	•	•	•	•	•	•	•	•				11m	110m	40mm	70° C
6. CONDENSATE PUMPS																
SANICONDENS Pro	page 49									•	•	•	4.5m	50m	8mm	80° C
SANICONDENS Clim mini	page 50									•			6m	60m	10mm	-
SANICONDENS Clim pack	page 51									•	•	•	6m	60m	10mm	-
SANICONDENS Clim deco	page 52									•			6m	60m	6mm	-

Toilet · Wall-hung Toilet · Basin · Sink · Bidet · Shower · Bath · Dishwasher · Washing Machine · Air Conditioning Unit · Condensing Boiler · Refrigeration Unit

SECTION 1

HALF BATHROOMS

SANIFLO®

SANITOP®

SANICOMPACT® 43

SANIFLO®

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 H 263mm x W 163mm

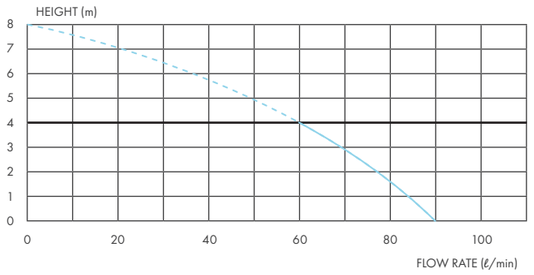
Weight: 5.7kg

Discharge pipe diameter: 22mm to 40mm

Power/Electrical Information: 220–240V / 50Hz / 400W, 5.0A / IP44

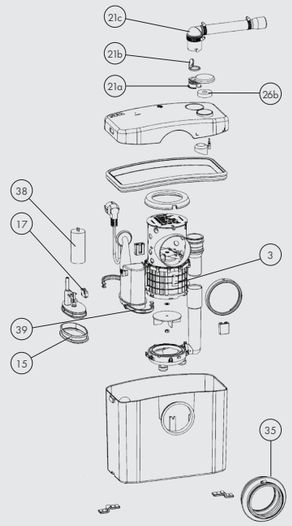
Normal operating temperature: 35˚C

Can be equipped with SANIALARM®



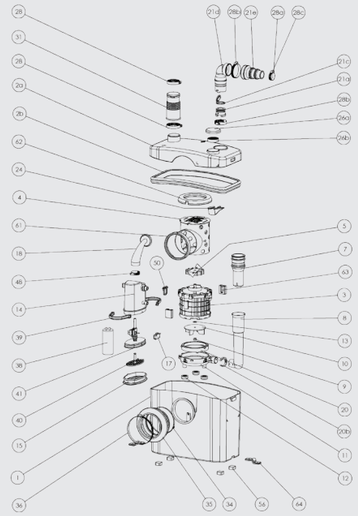
4m 100m

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



SANITOP®

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 H 263mm x W 163mm

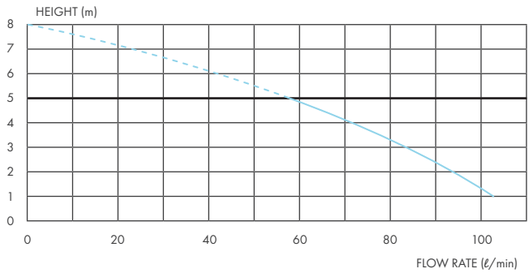
Weight: 5.8kg

Discharge pipe diameter: 22mm to 40mm

Power/Electrical Information: 220–240V / 50Hz / 400W, 5.0A / 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.

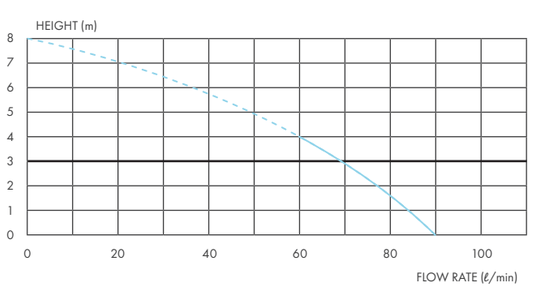
Size: L 390mm x H 445mm x W 430mm

Weight: 23kg

Discharge pipe diameter: 32–40mm

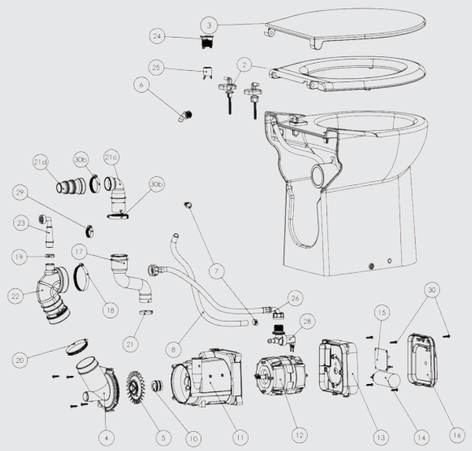
Power/Electrical Information: 220–240V / 50Hz / 550W 7.2A / IP44

Normal operating temperature: 35˚C



3m 30m

A. 32-40mm elbow discharge with equipped NR valve
B. Connect to wash basin



SECTION 2

FULL BATHROOMS

SANIPRO XR®

SANISLIM®

SANIPACK®

SANIPLUS®

SANIACCESS 3

SANIBEST® Pro

SANIPRO XR®

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 H 263mm x W 180mm

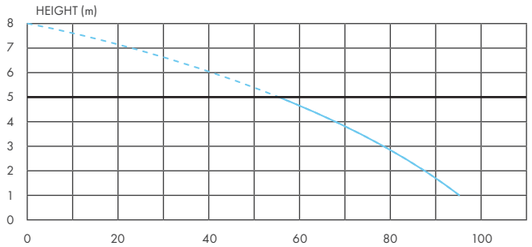
Weight: 7.2kg

Discharge pipe diameter: 22–40mm

Power/Electrical Information: 220–240V / 50Hz / 400W 4.5A / 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

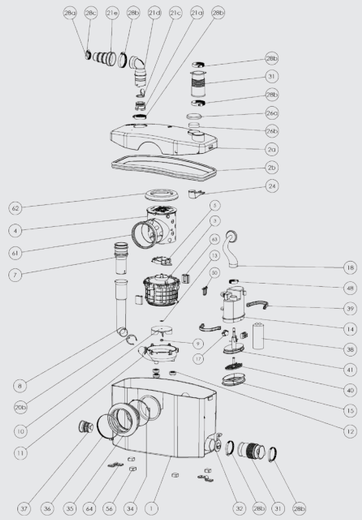
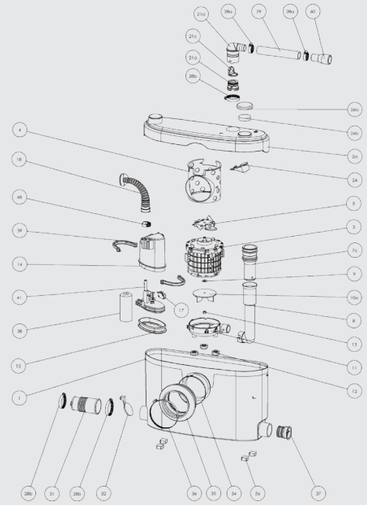


**Image shown with exposed pipes for illustrative purposes only*

SANISLIM®

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

Size: L 447mm x H 270mm x W 131mm

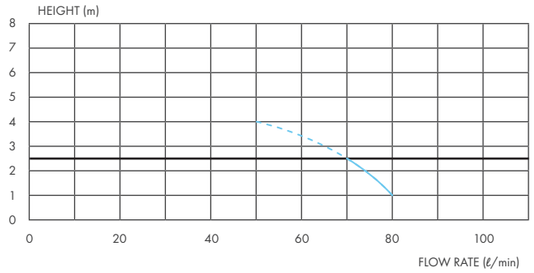
Weight: 5.8kg

Discharge pipe diameter: 22mm to 40mm

Power/Electrical Information: 220–240V / 50Hz / 400W 4.5A / IP44

Normal operating temperature: 35˚C

Can be equipped with SANIALARM®



2.5m 40m

SANIPACK®

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 H 295mm x W 146mm

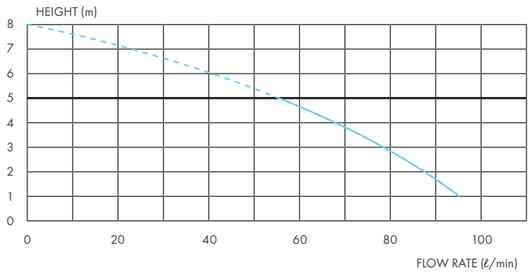
Weight: 7kg

Discharge pipe diameter: 22–40mm

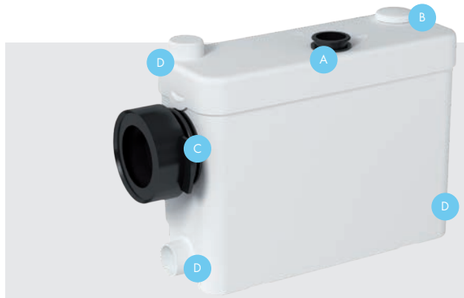
Power/Electrical Information: 220–240V / 50Hz / 400W 4.5A / IP44

Normal operating temperature: 35˚C

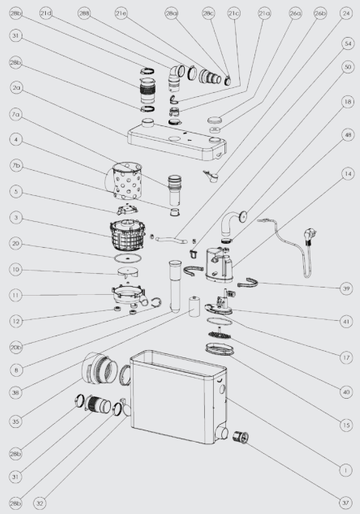
Can be equipped with SANIALARM®



5m 100m

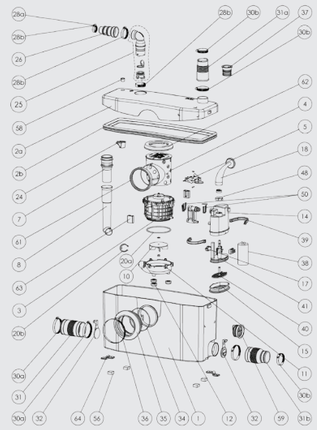


A. 22-40mm elbow discharge with equipped NR valve
B. Vent/carbon filter
C. Connect to wall-hung toilet
D. Connect to shower, bidet or wash basin



SANIPLUS®

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 H 270mm x W 181mm

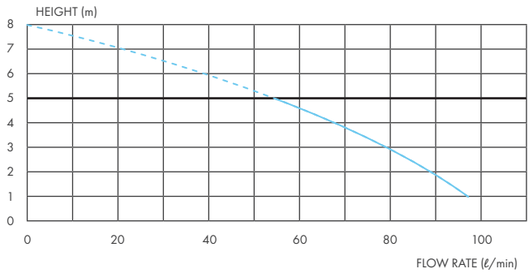
Weight: 7.8kg

Discharge pipe diameter: 22mm to 40mm

Power/Electrical Information: 220–240V / 50Hz / 400W 4.5A / IP44

Normal operating temperature: 35˚C

Can be equipped with SANIALARM®



5m 100m

SANIACCESS 3

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.

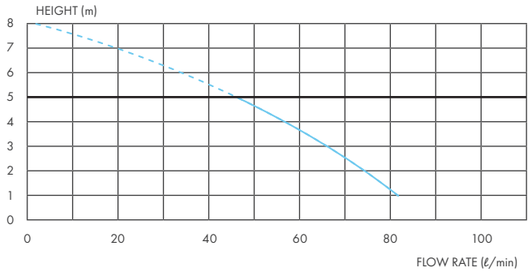
Size: L 462mm x H 295mm x W 168mm

Weight: 7kg

Discharge pipe diameter: 22–40mm

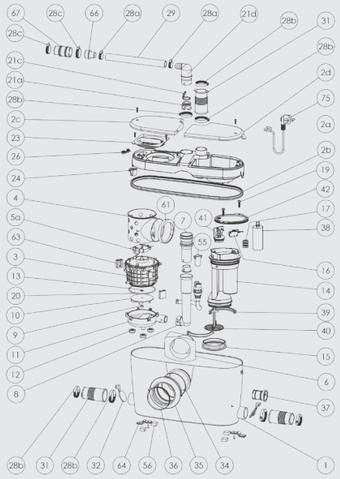
Power/Electrical Information: 220–240V / 50Hz / 400W 4.5A / IP44

Normal operating temperature: 35˚C



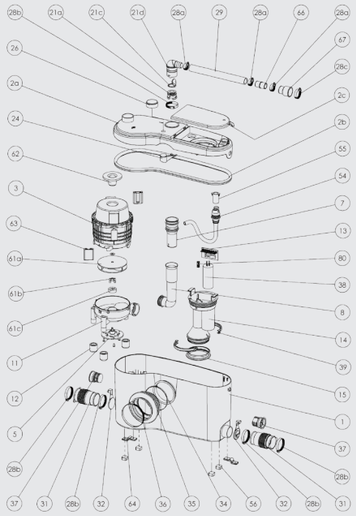
5m → 100m

A. 22-40mm elbow discharge with equipped NR valve
B. Connect to toilet
C. Connect to shower or sink



SANIBEST® 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 H 267.5mm x W 154mm

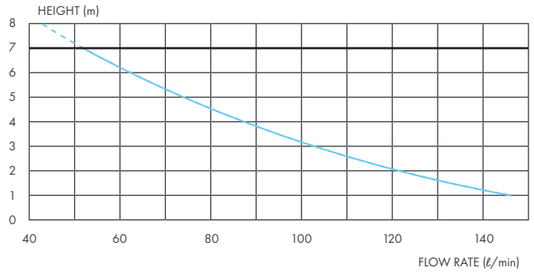
Weight: 11kg

Discharge pipe diameter: 22mm to 40mm

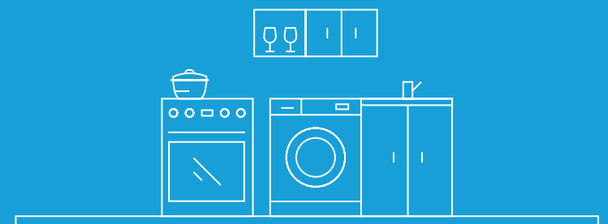
Power/Electrical Information: 220–240V / 50Hz / 1 100W 9.0A / IP44

Normal operating temperature: 35˚C

Can be equipped with SANIALARM®



7m → 110m



KITCHEN, LAUNDRY & EN SUITE

SANISHOWER®

SANISHOWER® FLAT

SANIFLOOR®

SANIVITE®

SANISPEED®

SANICOM® 1

SANISHOWER®

IDEAL FOR: The installation of a shower

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

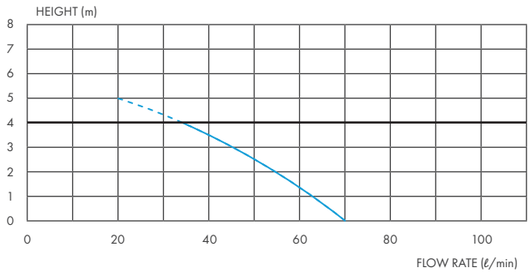
Size: L 296mm x H 145mm x W 165mm

Weight: 3.5kg

Discharge pipe diameter: 32mm

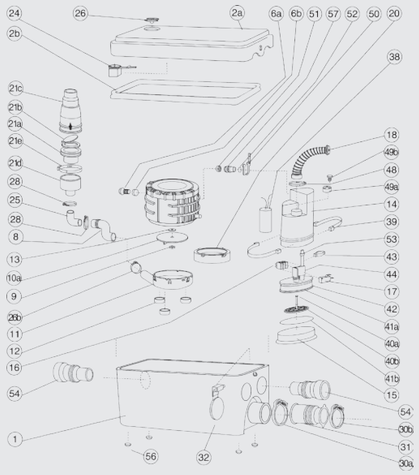
Power/Electrical Information: 220–240V / 50Hz / 250W 1.3 / IP44

Normal operating temperature: 35˚C



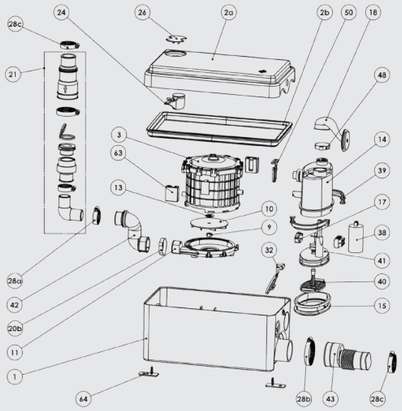
4m → 40m

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



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.

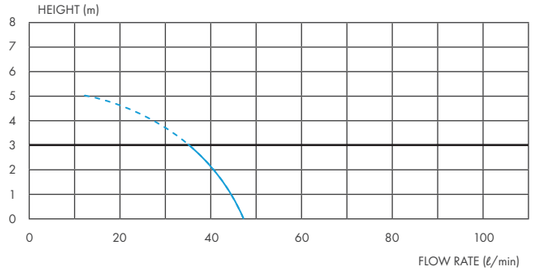
Size: L 296mm x H 145mm x W 165mm

Weight: 3.5kg

Discharge pipe diameter: 32mm

Power/Electrical Information: 220–240V / 50Hz / 250W 1.3 / IP44

Normal operating temperature: 35˚C



3m → 30m

SANIFLOOR®

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.

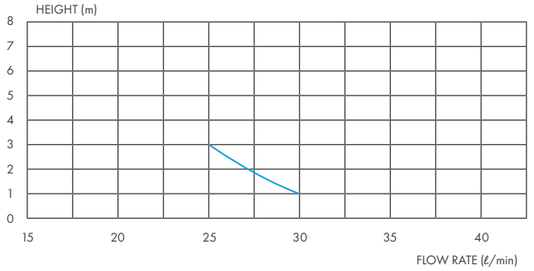
Size: L 296mm x H 191mm x W 165mm

Weight: 3.5kg

Discharge pipe diameter: 32mm

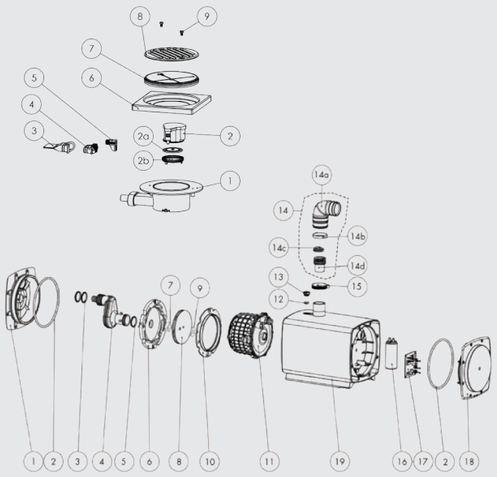
Power/Electrical Information: 220–240V / 50Hz / 250W 1.3A / IP44

Normal operating temperature: 35°C



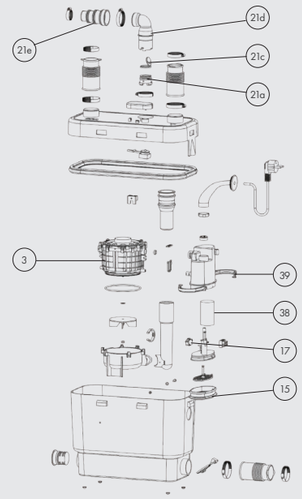
3m 30m

A. 32mm elbow discharge with equipped NR valve
B. Connect to the shower gully supplied



SANIVITE®

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 H 275mm x W 185mm

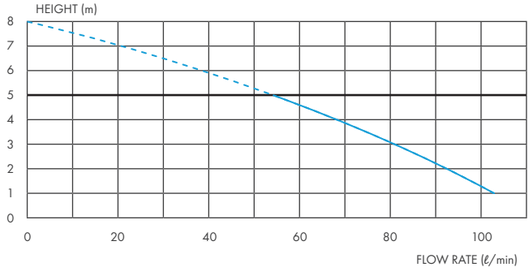
Weight: 6kg

Discharge pipe diameter: 32mm to 40mm

Power/Electrical Information: 220–240V / 50Hz / 400W 1.7A / IP44

Normal operating temperature: 60°C (Intermittent)

Can be equipped with SANIALARM®



5m 50m

SANISPEED®

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 H 275mm x W 185mm

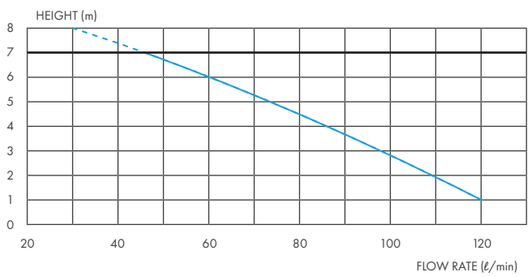
Weight: 6.4kg

Discharge pipe diameter: 32mm to 40mm

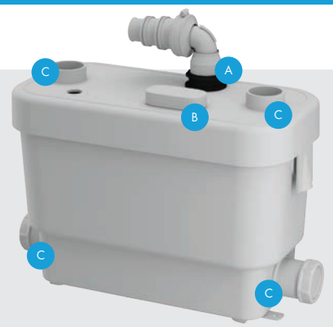
Power/Electrical Information: 220–240V / 50Hz / 400W 2.0A / IP44

Normal operating temperature: 75˚C (Intermittent)

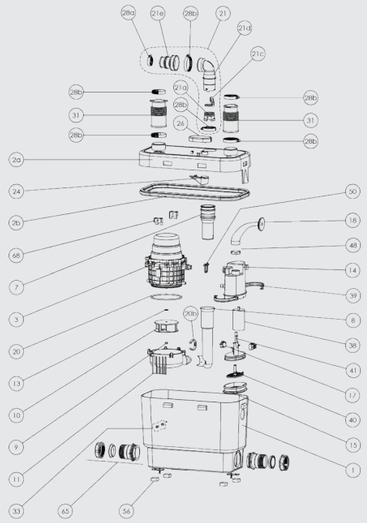
Can be equipped with SANIALARM®



7m → 70m

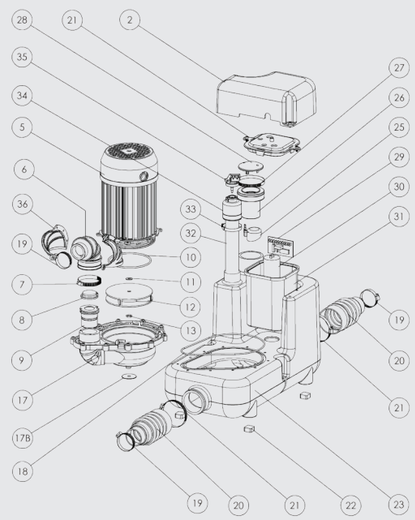


A. 32-40mm elbow discharge with equipped NR valve
B. Vent
C. Connect to shower, bathtub, wash basin, dishwasher or washing machine



SANICOM® 1

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 Sanicom1 is a lifting station, and can accommodate numerous fixtures including commercial washing machines, dishwashers and sinks.

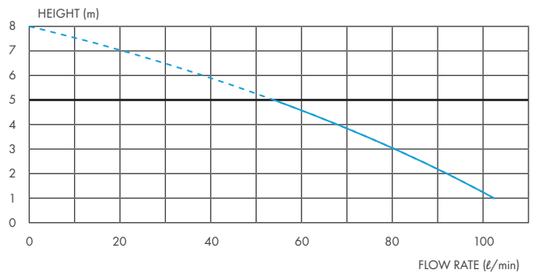
Size: L 419mm x H 331.7mm x W 232mm

Weight: 10kg

Discharge pipe diameter: 32mm

Power/Electrical Information: 220–240V / 50Hz / 750W 6.0A / IP44

Normal operating temperature: 90˚C (Intermittent)



8m → 80m

SECTION 4

FULL HOUSE & COMMERCIAL BUILDINGS

SANICUBIC® 1

SANICUBIC® 2 Classic

SANICUBIC® 2 XL

SANICUBIC® 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 H 440mm x W 426mm

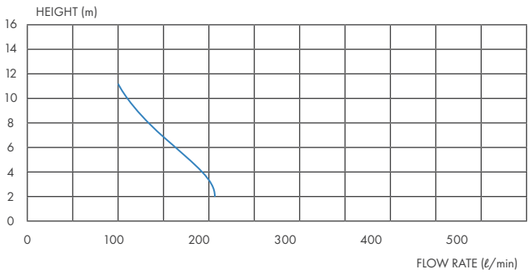
Weight & Volume: 16kg / 32ℓ

Discharge pipe diameter: 50mm

Power/Electrical Information: 220–240V / 50Hz / 1500W 6A / IP68

Normal operating temperature: 70°C

Equipped with a visual and audible external alarm box



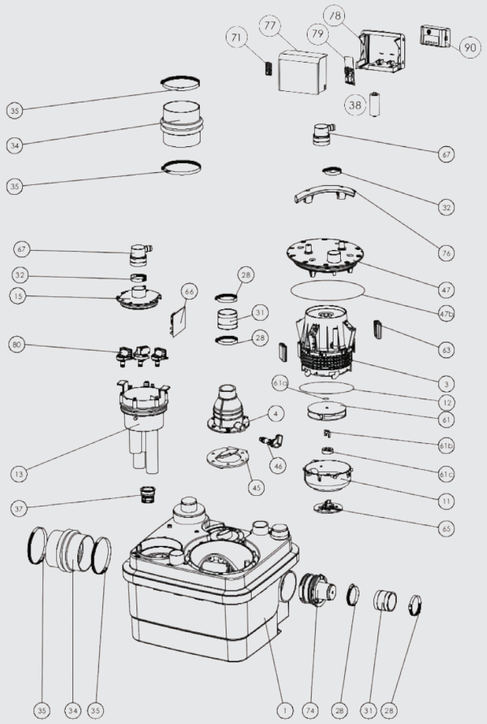
11m | 110m

P1

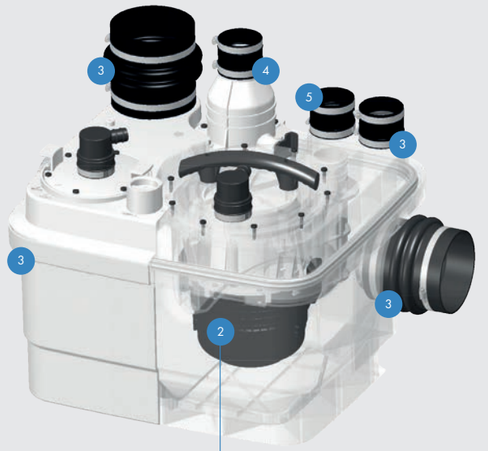
BENEFITS OF THE SANICUBIC®1

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



1. CONTROL PANEL
External wired control panel with LED power control 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 provided)

4. DISCHARGE
DN 50mm elbow discharge pipe with equipped NR valve

5. VENT
DN 50mm

Grinding technology mostly eliminates clogging issues caused by sanitary items.

SANICUBIC® 2 Classic

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

The Sanicubic 2 is a 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

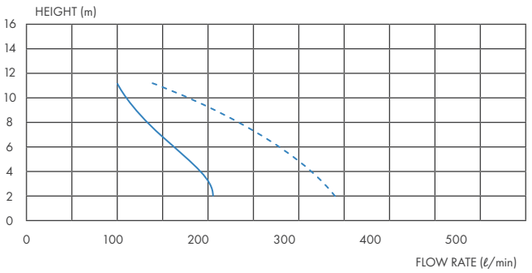
Weight & Volume: 30kg / 45ℓ

Discharge pipe diameter: 50mm

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

Normal operating temperature: 70°C

Equipped with a visual and audible external alarm box

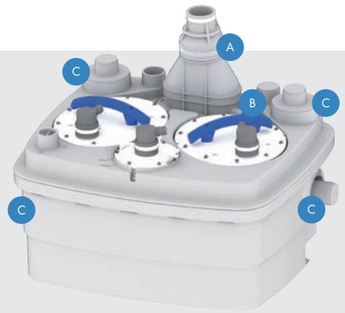


11m | 110m

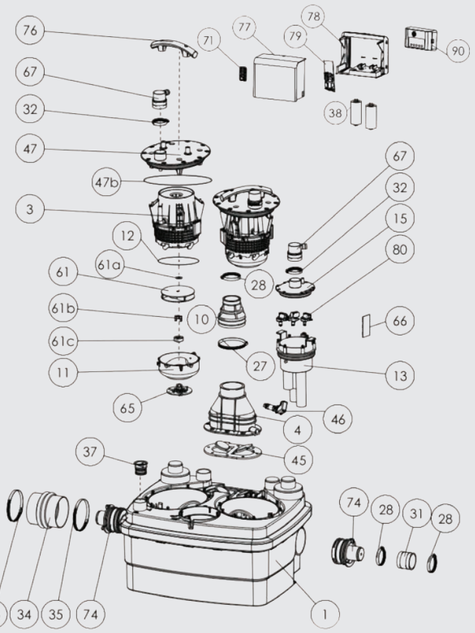
P1 | P1 + P2

BENEFITS OF THE SANICUBIC®2

1. Sanicubic 2 can handle up to 12m³/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 possible submergence

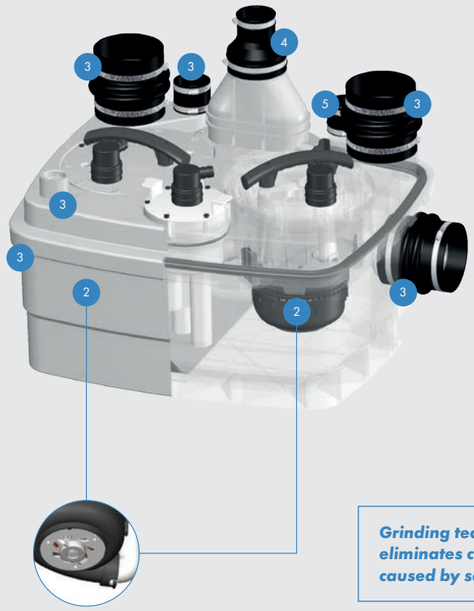


A. 50mm elbow discharge with equipped NR valve
B. Connect to 50mm open venting pipe
C. Connect to toilet, wash basin, shower, bathtub, washing machine etc.



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 control and overload indicator

2. MOTOR
Two powerful grinder pumps of 1500W each

3. INLETS (Up to 5 inlets)
4 inlets: DN 40 / 50 / 100/ 110mm
1 inlet: DN 40 / 50mm (coupling provided)

4. DISCHARGE
DN 50mm elbow discharge pipe with equipped NR valve

5. VENT
DN 50mm

Grinding technology mostly eliminates clogging issues caused by sanitary items.

SANICUBIC® 2 XL

IDEAL FOR: Handling water from an industrial facility

Being one of the largest macerator lifting stations, the Sanicubic 2 XL can handle up to 40m³ of waste water per hour.

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

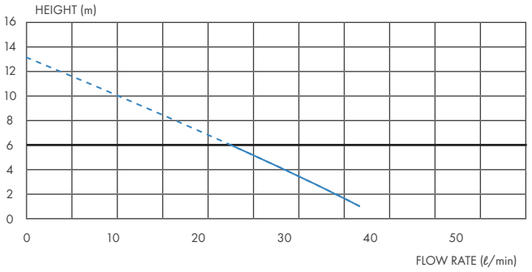
Weight & Volume: 55kg / 120ℓ

Discharge pipe diameter: 80mm = 10m vertical, 110mm = 6m vertical

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

Normal operating temperature: 70˚C

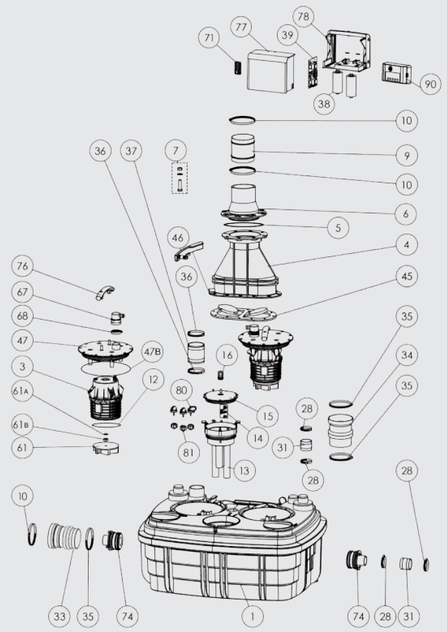
Equipped with a visual and audible external alarm box



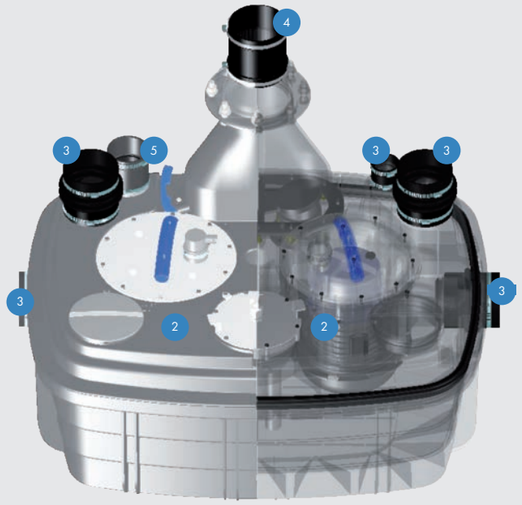
BENEFITS OF THE SANICUBIC®2 XL

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



New Vortex dilacerating technology.

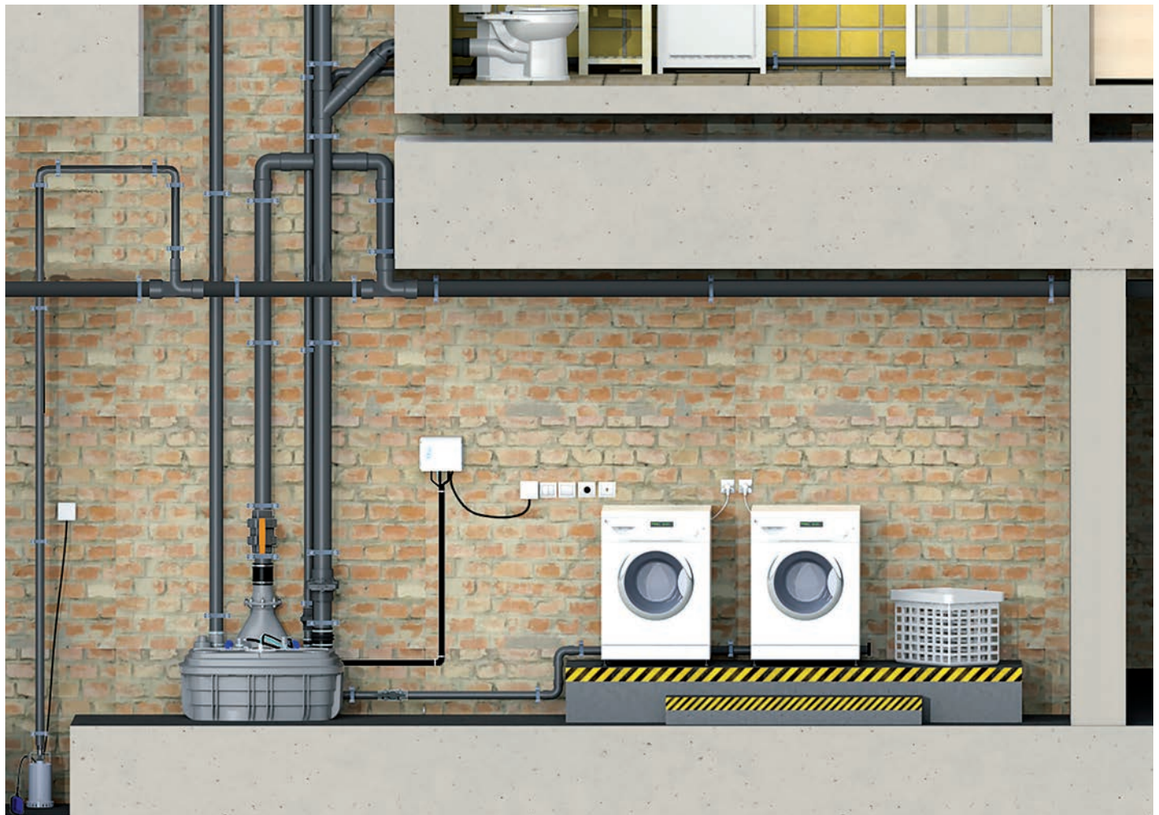
1. CONTROL PANEL
External-wired control panel with LED power control and overload indicator

2. MOTOR
Two powerful vortex pumps of 2000W each

3. INLETS (Up to 5 inlets)
4 inlets: DN 40/50/100/110mm
1 inlet: DN 40/50mm
1 additional DN 125mm connector (coupling provided)

4. DISCHARGE
DN 80/100mm elbow discharge pipe with equipped NR valve

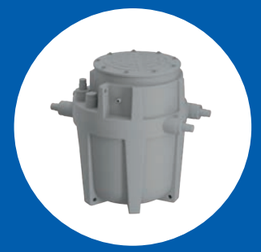
5. VENT
DN 75mm



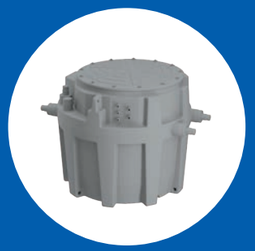
SECTION 5

UNDERGROUND PUMP STATION

SANIFOS® 110



SANIFOS® 250



SANIFOS® 500

SANIPUMP®

SANIFOS® 110

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

The Sanifos 110 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.

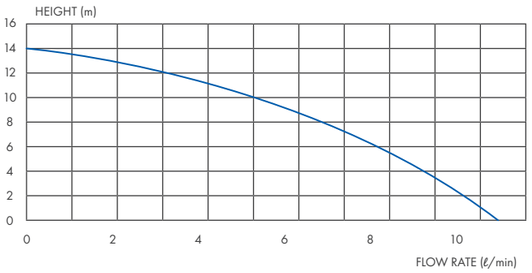
Size: L 696mm x H 482mm x Diameter 587mm

Weight: 23kg

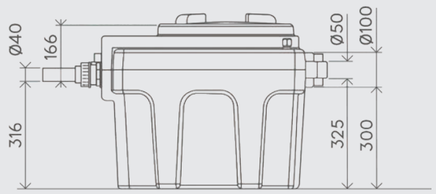
Discharge pipe diameter: 40mm

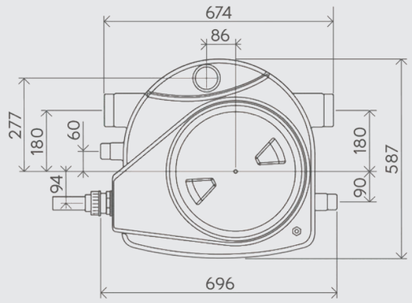
Power/Electrical Information: 220-240V / 50-60Hz / 1500W / IP68

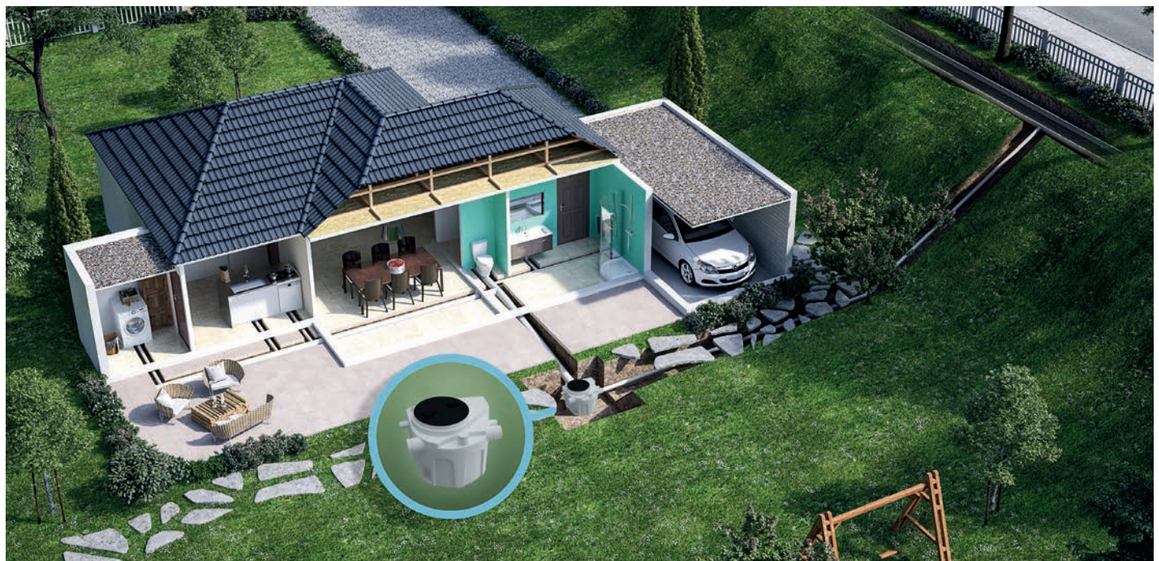
Normal operating temperature: 70˚C



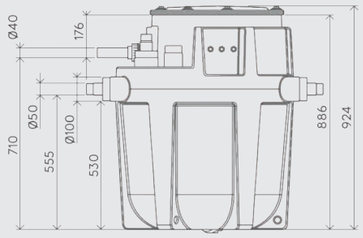
11m | 110m

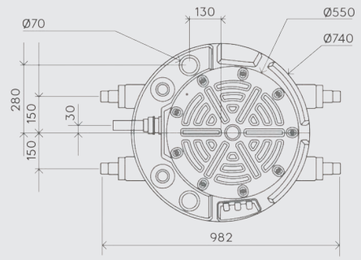






SANIFOS® 250





New Vortex dilacerating technology.

IDEAL FOR: A home or commercial building where the drainage is too low for the sewer and a surface-mounted pump is not an option

The Sanifos 250 is an underground pump station that handles waste water from larger residential or commercial buildings. The 250ℓ tank is pre-mounted with an integrated vortex pump system and fittings.

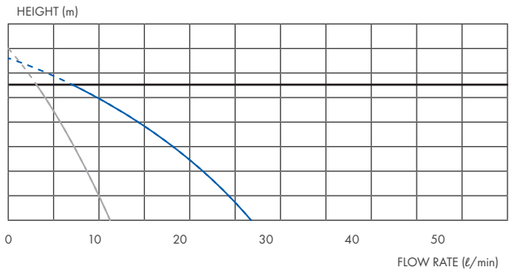
Size: L 982mm x H 924mm x Diameter 740mm

Weight: 38kg

Discharge pipe diameter: 50mm

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

Normal operating temperature: 70˚C



11m | 110m

Sanifos 250 (bladed) | Sanifos 250 (vortex)

SANIFOS® 500

IDEAL FOR: A large home or commercial/industrial building where the drainage is too low for the sewer and a surface-mounted pump is not an option

The Sanifos 500 is an underground dual-pump station that handles waste water from large residential or commercial/industrial building. The 500ℓ tank is pre-mounted with an integrated dual vortex pump system and fittings.

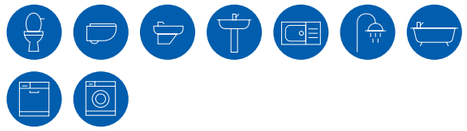
Size: L 1272mm x H 934mm x Diameter 1030mm

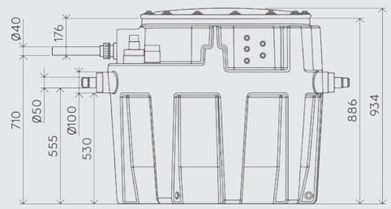
Weight: 89kg

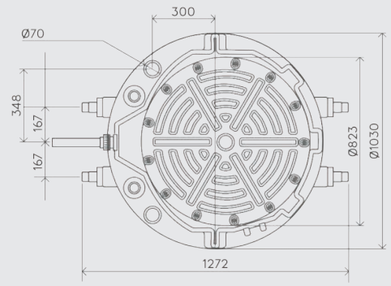
Discharge pipe diameter: 50mm

Power/Electrical Information: 220-240V / 50-60Hz / 2 x 1500W / IP68

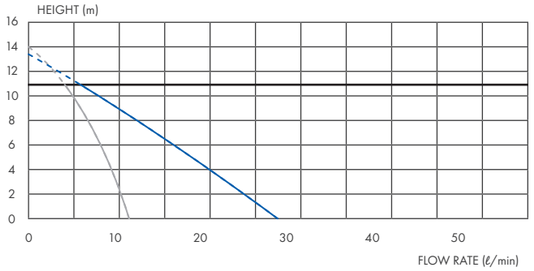
Normal operating temperature: 70˚C







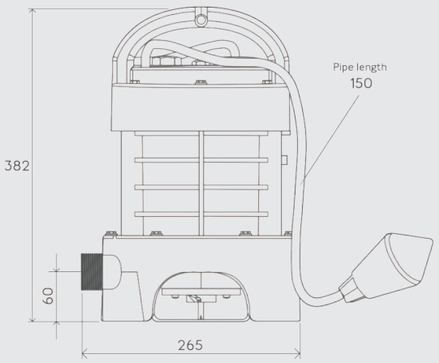
New Vortex dilacerating technology.



12m | 120m

Sanifos 500 (bladed) | Sanifos 500 (vortex)

SANIPUMP®



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.

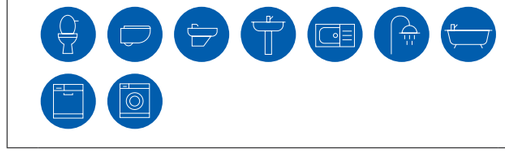
Size: L 265mm x H 382mm

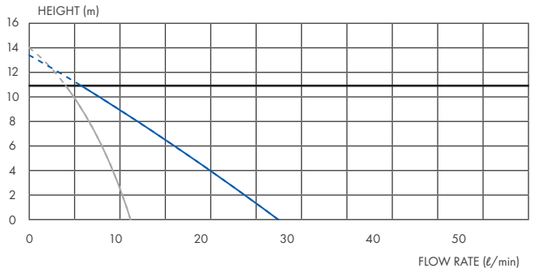
Weight: 13kg

Discharge pipe diameter: 40mm

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

Normal operating temperature: 70˚C





11m | 110m

Sanipump (bladed) | Sanipump (vortex)

CONDENSATE PUMPS

SANICONDENS® Pro

SANICONDENS® Clim Mini

SANICONDENS® Clim Pack

SANICONDENS® Clim 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.

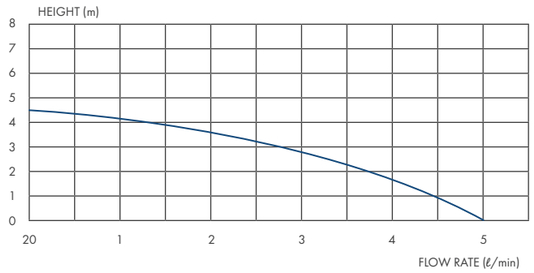
Size: L 242mm x H 169mm x W 143mm

Weight: 2kg

Discharge pipe diameter: 8mm/11mm

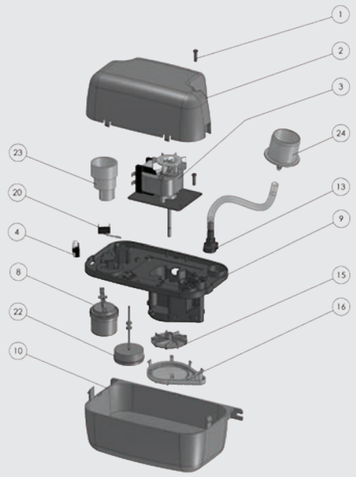
Power/Electrical Information: 220–240V / 50Hz / 60W
0.52A / IP20

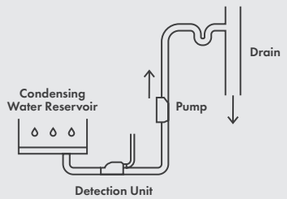
Normal operating temperature: 80°C



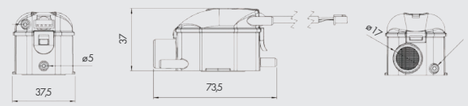
4.5m → 50m

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

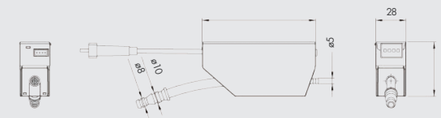


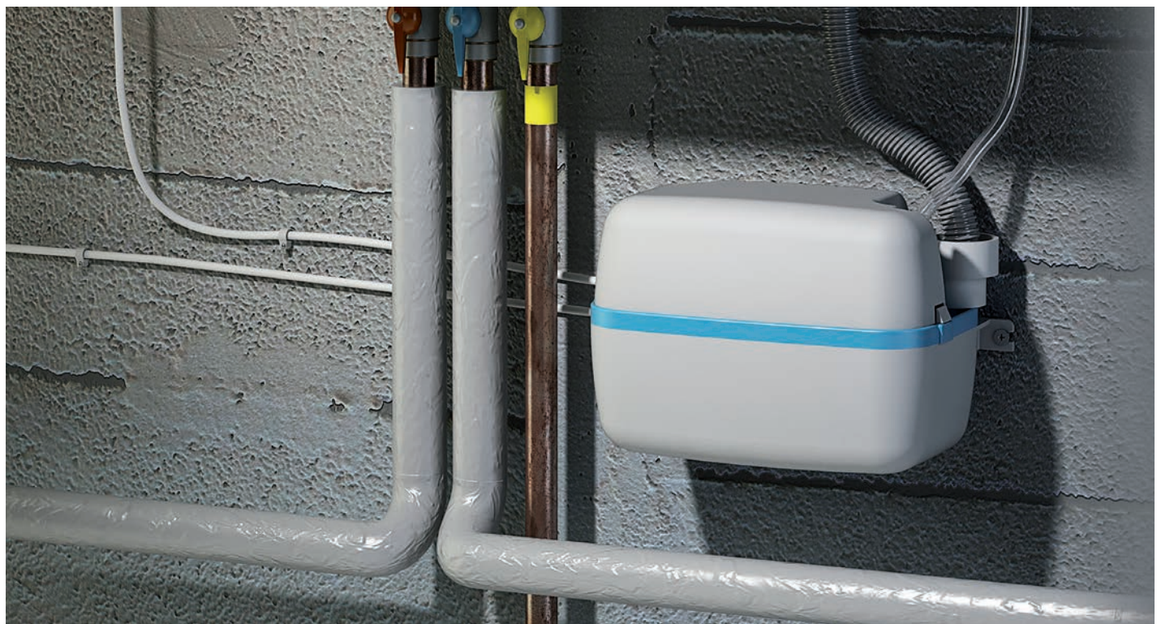


Detection unit



Pump unit





SANICONDENS® Clim Mini

IDEAL FOR: The installation of an air conditioning system

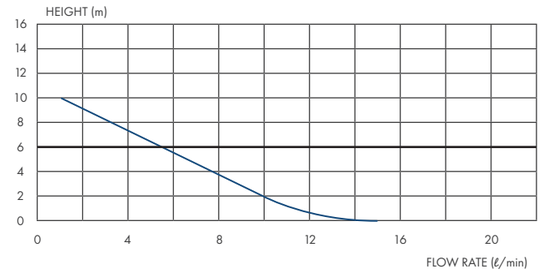
The Sanicondens Clim Mini is specifically designed to handle condensate produced by air conditioning systems.

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



6m → 60m

SANICONDENS® Clim Pack

IDEAL FOR: The installation of an air conditioning system

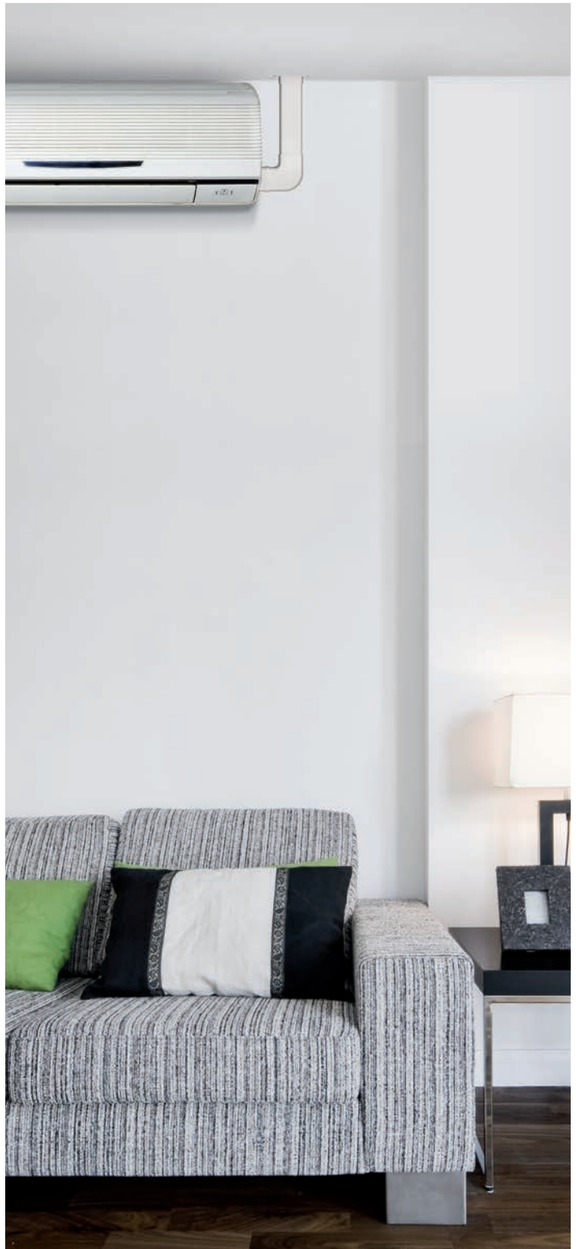
A Sanicondens Clim Mini is incorporated into the Clim Pack, specifically designed for split units, which comes with trimmable plastic trunking for a perfect finish.

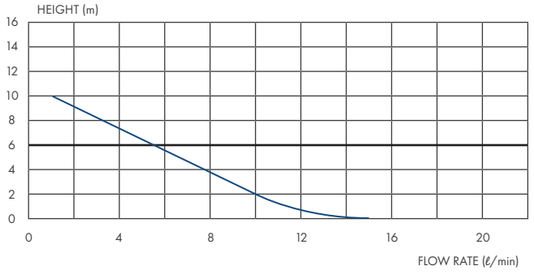
Size: Minimum – L 127mm x H 360mm x W 62mm
Maximum – L 127mm x H 860mm x W 62mm

Weight: 1.3kg

Discharge pipe diameter: 10mm

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





6m 60m

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.

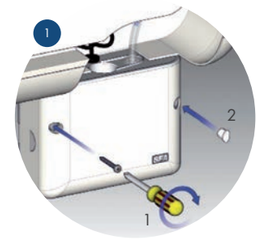
Size: L 45mm x H 115mm x W 57,5mm

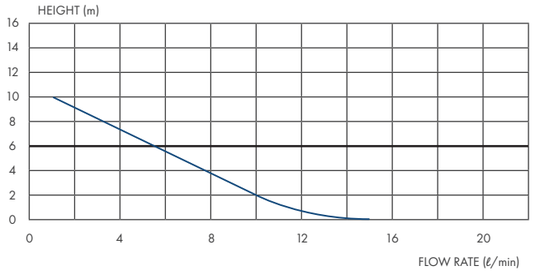
Weight: 0.4kg

Discharge pipe diameter: 6mm

Power/Electrical Information: 220–240V / 50Hz / 16W
0.52A / IP24

Installation



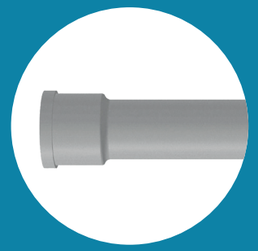


6m 60m

SECTION 7

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.

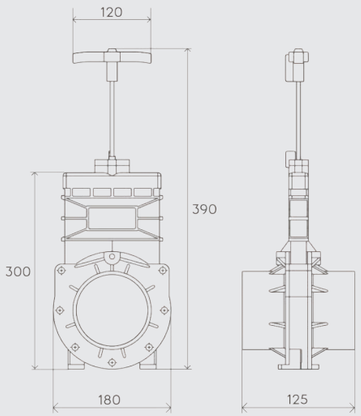
Extension pipe includes paintable decorative trim that surrounds the pipe and provides a perfect finish.

ISOLATING VALVES

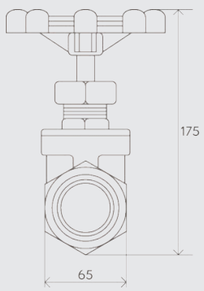
Designed for use with the Sanicubic range, isolating valves allow you to carry out maintenance on lifting stations easily, quickly and without restrictions.

WHY CHOOSE THIS PRODUCT?

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



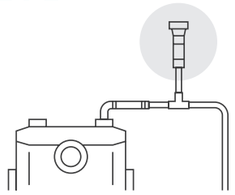
Size: 100mm or 110mm / **Weight:** 1.86kg



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.



SECTION 8

CASE STUDIES

RESIDENTIAL

PROFESSIONAL

COMMERCIAL

INDUSTRIAL

MODULAR CONSTRUCTION

THE CHALLENGE
Clifton, Western Cape

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

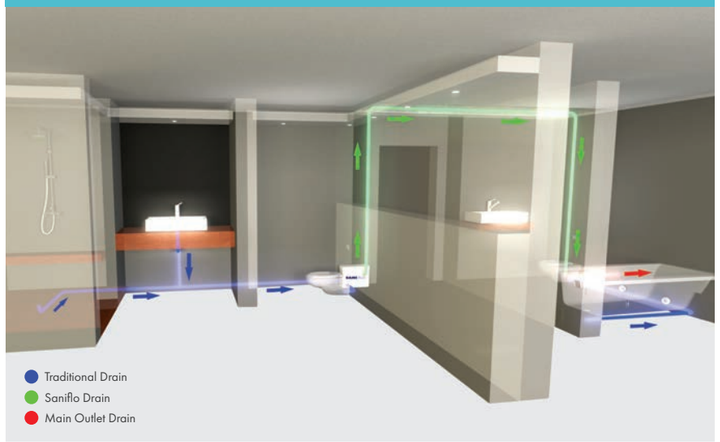
Adding an en-suite bathroom to a beautiful bedroom when the drainage point is at the opposite side of the flat. A plumber would have had to cut the concrete, chop the tiles from three rooms and even break two walls. A massive cost for such a project.

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 21

LUXURY COMPLEX



LUXURY VILLA

THE CHALLENGE
Bryanston, Gauteng

A new bathroom in the basement of a luxury villa.

Using conventional plumbing methods, it is impossible to install a full bathroom in a basement as gravity is needed to drain waste to the sewer line above the room. Alternatively, a sump pump would be required, but this solution is smelly and needs regular maintenance. A pit would also need to be dug to position the unit.

THE SOLUTION

SANISLIM was chosen to allow for the installation of a toilet, shower and wash basin. The unit grinds and lifts the waste through a small bore pipe to reach the drainage point two metres above. Sanislim is designed to suit the latest sanitary ware without compromising the performance.

See product on page 20

THE CHALLENGE
St James, Western Cape

Charm of home preserved while drainage problem solved.

The owners didn't want their kitchen waste to discharge into a pit in the garden anymore, which lead to bad smells and clogging. However, the main drainage pipe is on the opposite side of the house, requiring major work of cutting concrete, chopping tiles and breaking walls.

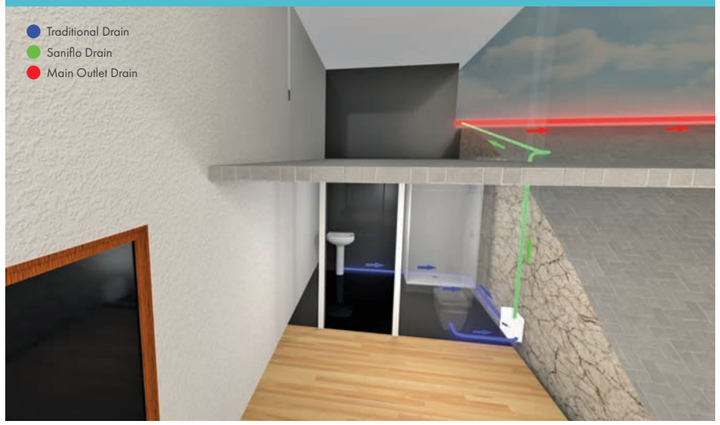
THE SOLUTION

To discharge waste from the kitchen up to the roof and across to reach the main drain pipe behind the house – and avoid major work. The solution: **SANIVITE**. As the owners requested, this charming house did not have to undergo any major renovation and the kitchen is now fully operational.

See product on page 30

FAMILY HOME

TOWN HOUSE



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 19

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 easily facilitation of a basin. It's sleek design suited the style of the apartment.

See product on page 17

RESIDENTIAL APARTMENT

THE CHALLENGE
Pretoria, Gauteng

Tenants get an extra bathroom in hard to plumb area.

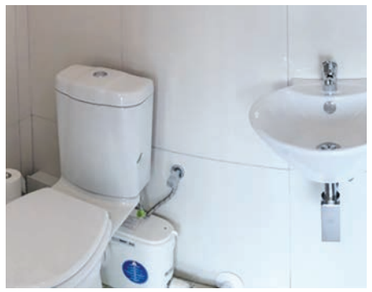
The creation of a new bathroom was impossible due to the distance between the amenities and the drainage point. The landlord did not want to cut concrete or engage in major renovations.

THE SOLUTION

The use of **SANIBEST PRO** allowed for the installation of an extra shower, toilet and wash basin – easily and quickly, avoiding the need for a main drainage extension. Sanibest Pro has been used in this situation as it accepts accidentally flushed items that are more likely to occur with tenants.

See product on page 24

CORPORATE RENTAL



DENTIST

THE CHALLENGE
Goodwood, Western Cape

Dental practice relocated to the middle of a mall.

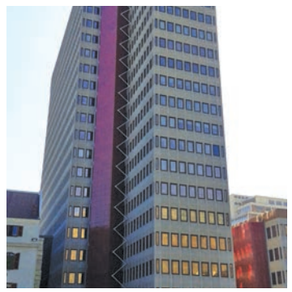
The dentist studio has been moved from the external part of the mall to the inside shops area. This new position will enable the practice to attract more patients. The limitation is that the main drain pipe is now opposite side from the dental chairs, wash basin and staff room.

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 19

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.

See product on page 15

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 31

PHARMACY

THE CHALLENGE
Bedfordview, Gauteng

A coffee shop kitchen installed under the escalator shaft.

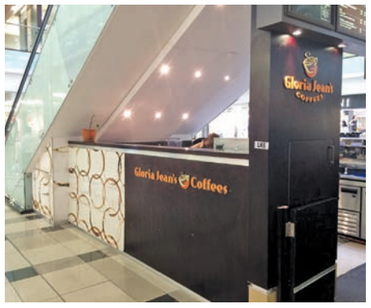
The drainpipe is located 5m above the site but the coffee shop needs to drain its kitchen sinks and dish/glass washers. Using buckets would have resulted in hygiene issues and increased the chance of staff accidents.

THE SOLUTION

SANIVITE, located behind the installation, collects all waste and lifts it all the way up through the escalator to reach the upper drainage point. Without major work, Saniflo provides a successful solution for a commercial kitchen installation in a most challenging area.

See product on page 30

COFFEE SHOP CHAIN



FOOD COURT

THE CHALLENGE
Howard Centre, Pinelands, Western Cape

An extra sink installed where no drain is available!

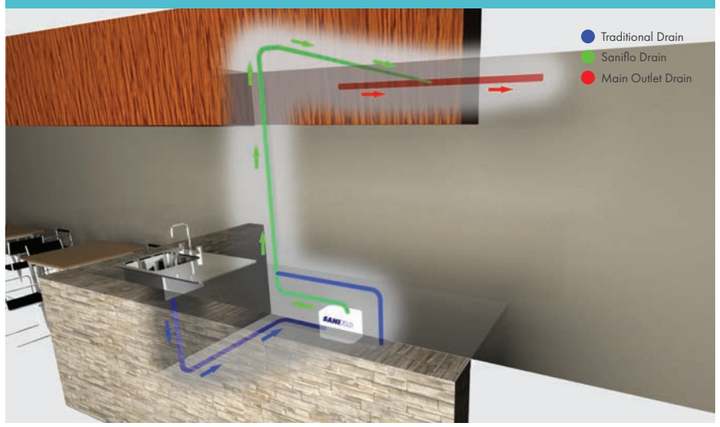
The shop needed an extra sink for washing dishes. There was no drain available in the location where the owner needed the sink to be installed.

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 27

RESTAURANT



THE CHALLENGE
Promenade Mall, Camps Bay, Western Cape

An extra bar and sinks where there is no drain.

The owner of the restaurant wanted to create a bar area on the opposite side of the kitchen. Unfortunately, no existing drainage point was located in this part of the building.

THE SOLUTION

SANIVITE has been used to allow for the installation of a double kitchen sink. The unit carries all the waste 3.5m up and 15m across through a 32mm pipe to reach the drainage point on the opposite side of the building.

See product on page 30

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 32

CONVENIENCE STORE CHAIN

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 37

THE CHALLENGE
Alberton, Gauteng

Bathrooms in a shopping complex with no sewage line.

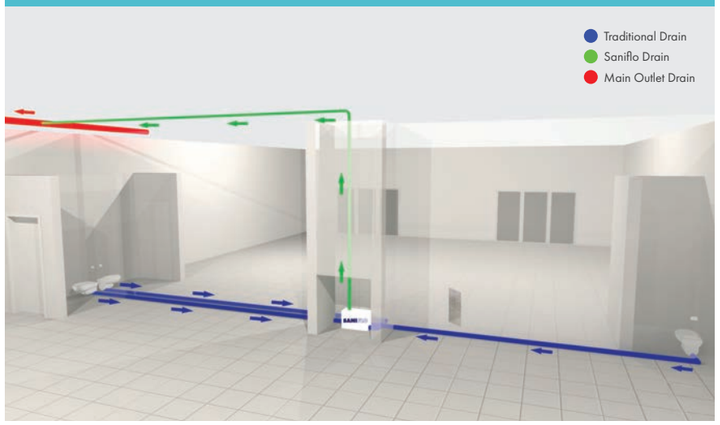
The new shopping complex was built in an area with no sewage. Each of the three shops needed its own bathroom and it would have been costly to install a new sewage line.

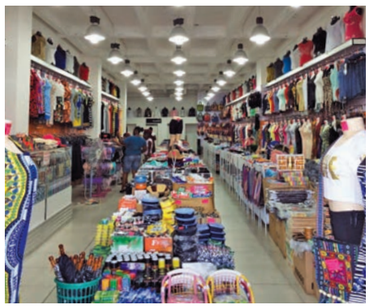
THE SOLUTION

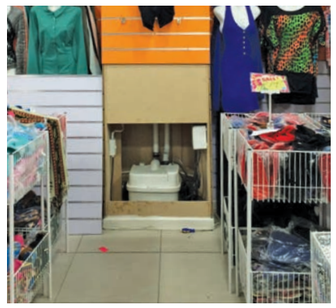
SANICUBIC 1 enables the installation of multiple bathrooms. Here the unit removes waste from three toilets and three wash basins through a 50mm discharge pipe, 4m up and 40m across to reach the existing sewer line.

See product on page 35

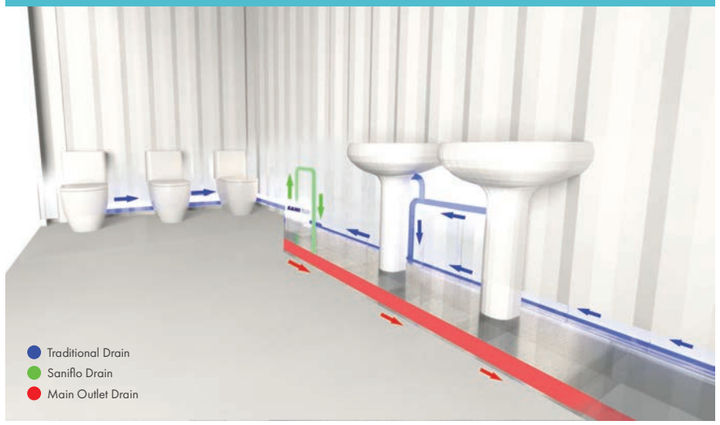
SHOPPING COMPLEX







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 35

SANIFLO®

PLUMBING THE POSSIBILITIES

With 60 years of experience and knowledge helping people around the world, Saniflo is the company you can trust. Our reputation in providing high quality products has been put to the test more than 10 million times in some of the world's most recognised buildings. We pledge that same quality for your home.

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Saniflo Africa (PTY) Ltd
Unit A6 Spearhead Business Park, Cnr Freedom Way
& Montague Drive, Montague Gardens, 7441
T: +27 (0)21 286 0028 / E: info@saniflo.co.za

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