

SANIFLO

SEWAGE MACERATOR & GREY WASTE WATER PUMPS

**Intelligent plumbing solutions
that allow you to add the luxury
of extra facilities almost
anywhere you choose**



Smarter. Easier. Faster.

5 GOOD REASONS FOR CHOOSING

SANIFLO

1. 50 YEARS OF EXPERTISE

The Saniflo Group as inventor, designer and manufacturer of small bore sewage macerator and grey water pumps, has been at the forefront of sanitary appliances for over 50 years.

Originating in France, it wasn't long before Saniflo had established a market place in many locations across the globe. With distribution spanning across more than 25 countries worldwide, we are now the leading brand of small bore sanitary macerators and pumps.

Saniflo's primary area of investment is its Research & Development department where each year dozens of engineers develop tomorrow's products today. We strive to constantly simplify our products so that installation remains hassle free, and guarantee optimum quality in every product we produce.

2. QUALITY

Two year warranty and compliance with standards

Saniflo pumps and macerators are manufactured in France, and comply with the new European and International standards now in force. (EN 12050-3, EN 12050-2 and EN 12050-1). Our manufacturing facility is quality certified to ISO 9001:2000 (issued by AFAQ, the French Quality Certification Association).

All Saniflo pumps also comply with Australian and New Zealand standards.

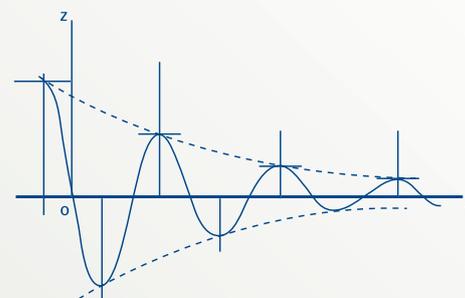
3. EASY INSTALLATION

A Saniflo macerator provides the ideal solution for installing sanitary appliances almost anywhere without having to engage in major restructural work. Our macerating and grey waste water pumps allow you to install full kitchen, bathroom and laundry facilities where it is impossible to do so using traditional plumbing methods (eg remote from the drain, in basements etc).

We have designed our pumps to be simple to install and service, however correct installation should be undertaken by a qualified installer to ensure compliance with standards.

4. QUIETER BY DESIGN

Due to motors now being fitted on resilient mounts that absorb the resonant vibrations when the equipment is operating. This means that the noise levels transmitted are very low

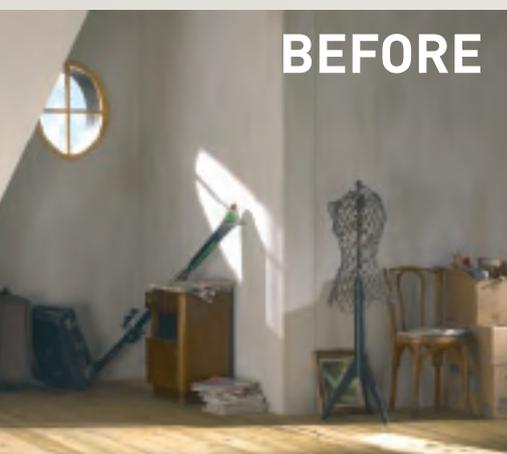


A Saniflo installation is almost maintenance free (apart from descaling which may be needed depending on water hardness levels). Our macerators should only be used for evacuation of normal WC waste, toilet papers and household WC cleaners.

Items such as cotton wool, sanitary products, wet wipes, hard objects, paints, oils, solvents and other chemicals should not be evacuated through the Saniflo units as they may damage the unit.

5. PEACE OF MIND

Via our network of subsidiaries and exclusive distributors, Saniflo provides After-Sales Service in all countries where our macerators and pumps are sold.



BEFORE



WHAT IS A MACERATOR?

A macerator finely shreds waste materials through the high-speed rotation of cutting blades in a confined container. This process takes around 25 seconds. The waste is discharged through small bore 20-25mm pipes.

The pump is powerful enough to move the waste up to 8 metres vertically, or 100 metres horizontally, or a lesser combination of both, depending upon the model being used.

As the discharge pipes are significantly smaller than traditional drainage pipes they can be easily concealed within wall cavities and ceiling voids.

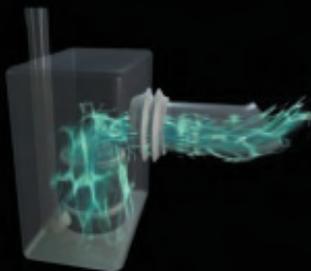
Significant work has been undertaken to improve hydraulic efficiency and reduce noise so that macerator pumps in operation are almost imperceptible.

Their conception is a major technological improvement, based on their efficient macerating system and quietness of operation.

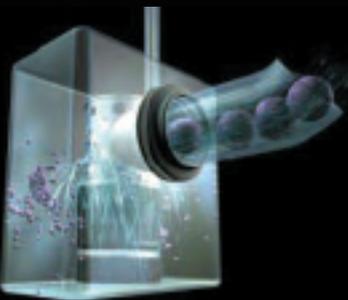
Grey water pumps operate similarly, however they do not include macerator blades.



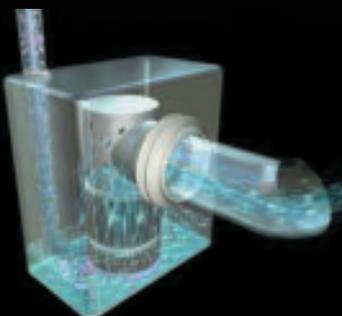
Operating principles of the Saniflo system



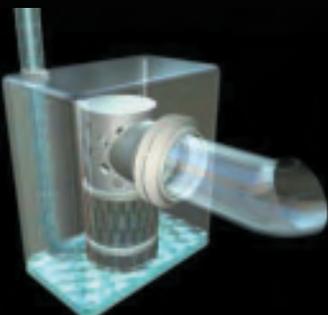
When the toilet is flushed the water level rises and the Saniflo pump operates automatically.



The blades, driven by the motor, shred the contents into tiny particles, forming a fine slurry in seconds.



The resultant slurry is pumped out via the impeller on the bottom of the motor, through a pipe of just 20-25 mm in diameter, then stops automatically.



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

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GREY WASTE WATER PUMPS

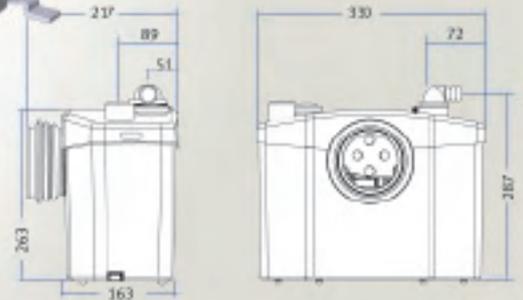
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SA 97

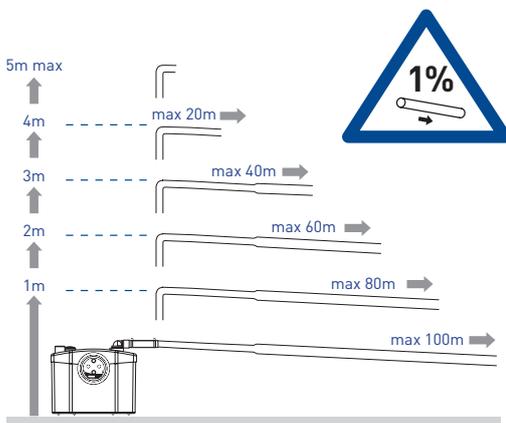
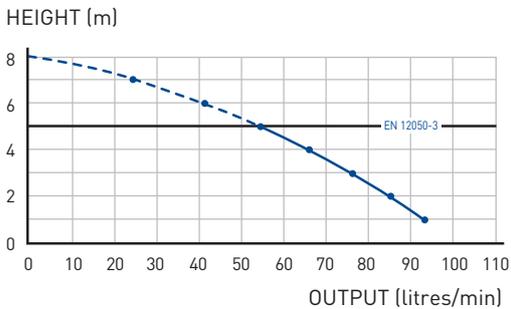
SANITOP®

- **possible connections**
WC, vanity basin
- **pumping height**
Up to 5m
- **horizontal pumping distance**
Up to 100m
- **recommended waste pipe diameter**
20mm PVC or 20-25mm CU
- **normal operating temp**
35°C and max 45°C
- **electrical power supply**
220-240V/50Hz
- **motor power rating**
550W
- **measurements (w x h x d)**
330 x 305 x 219mm
- **accessories**
factory pre mounted non return valve (supplied)
can be equipped with SaniAlarm

SANITOP has a powerful macerator that makes it perfect for installing an additional WC and wash basin where access to the main sewer is impractical.



macerator



Increase size of horizontal run by one pipe size after 10m

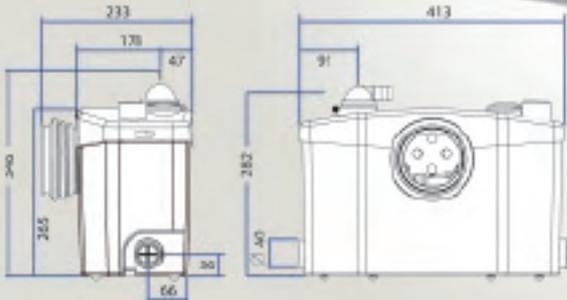


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SANIPRO®

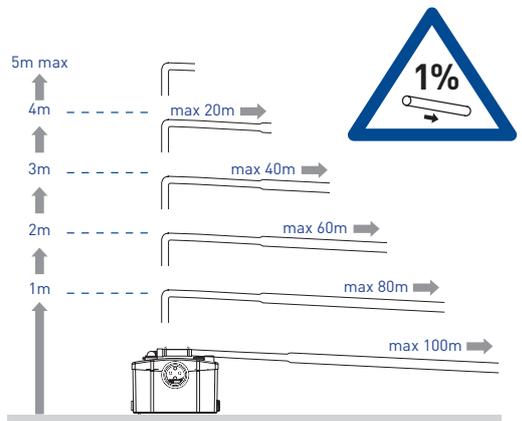
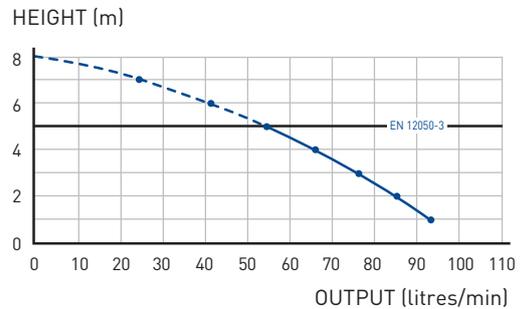
SANIPRO has a more powerful motor that can lift waste up to 5m or horizontally up to 100m.

Perfect for installing a toilet, vanity basin and shower.



macerator

- **possible connections**
WC, vanity basin, shower, bidet
- **pumping height**
Up to 5m
- **horizontal pumping distance**
Up to 100m
- **recommended waste pipe diameter**
20mm PVC or 20-25mm CU
- **normal operating temp**
35°C and max 45°C
- **electrical power supply**
220-240V/50Hz
- **motor power rating**
400W
- **measurements (w x h x d)**
413 x 305 x 233mm
- **accessories**
factory pre mounted non return valve (supplied)
can be equipped with SaniAlarm



Increase size of horizontal run by one pipe size after 10m

SANIPACK®

possible connections

Wall hung WC, vanity basin, shower, bidet

pumping height

Up to 4m

horizontal pumping distance

Up to 40m

recommended waste pipe diameter

20mm PVC or 20-25mm CU

normal operating temp

35°C and max 45°C

electrical power supply

220-240V/50Hz

motor power rating

400W

measurements (w x h x d)

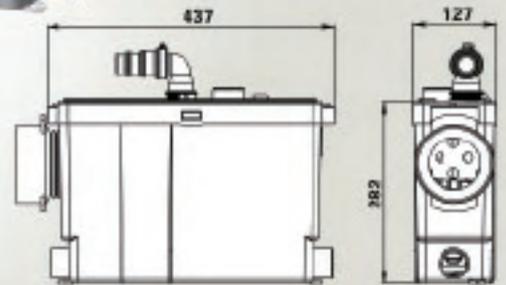
437 x 282 x 120mm

accessories

factory pre mounted non return valve (supplied)

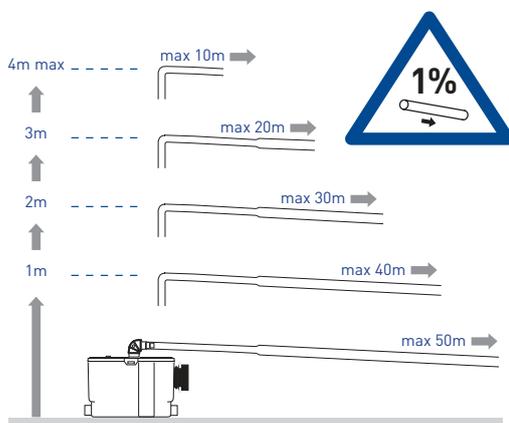
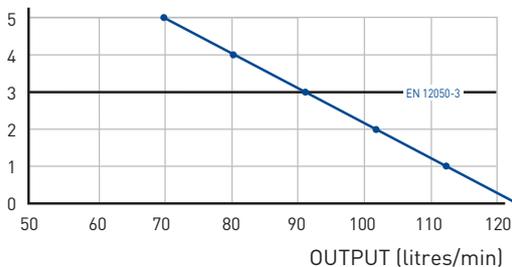
can be equipped with SaniAlarm

Coming in at a remarkable 120mm depth, SANIPACK has been designed to be integrated directly into the wall in order to install full bathroom facilities in a very discreet way.



macerator

HEIGHT (m)



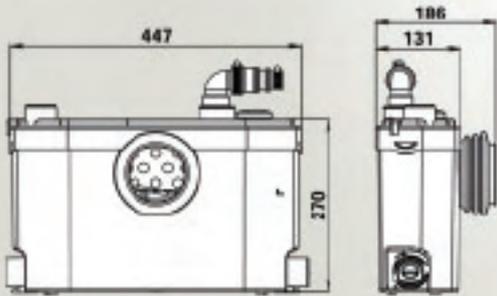
Increase size of horizontal run by one pipe size after 10m



SA 90

SANISLIM®

SANISLIM has been designed to accommodate today's slimline sanitary ware, and will take the waste from a WC, vanity basin, shower and bidet up to a height of 4 metres.

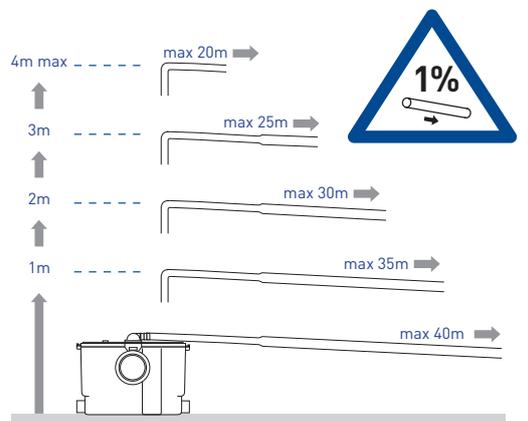
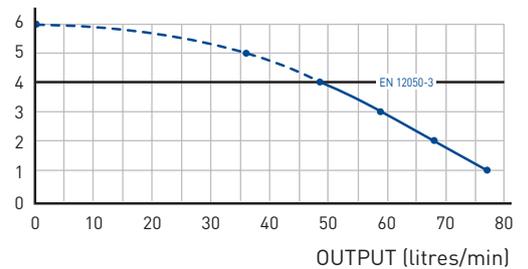


macerator

- **possible connections**
WC, vanity basin, shower, bidet
- **pumping height**
Up to 4m
- **horizontal pumping distance**
Up to 40m
- **recommended waste pipe diameter**
20mm PVC or 20-25mm CU
- **normal operating temp**
35°C and max 45°C
- **electrical power supply**
220-240V/50Hz
- **motor power rating**
420W
- **measurements (w x h x d)**
447 x 270 x 131mm
- **accessories**
factory pre mounted non return valve (supplied)
can be equipped with SaniAlarm



HEIGHT (m)



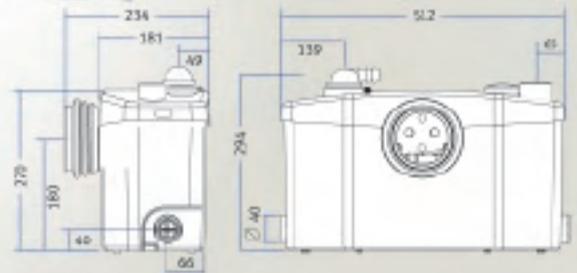
Increase size of horizontal run by one pipe size after 10m



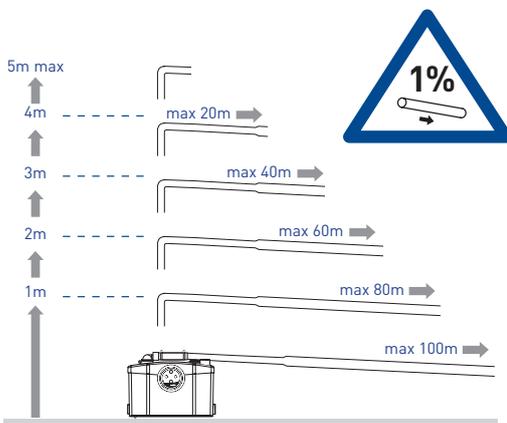
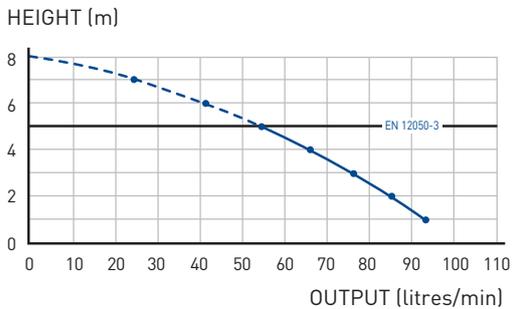
SANIPLUS®

- **possible connections**
WC, vanity basin, shower, bath, bidet
- **pumping height**
Up to 5m
- **horizontal pumping distance**
Up to 100m
- **recommended waste pipe diameter**
20mm PVC or 20-25mm CU
- **normal operating temp**
35°C and max 45°C
- **electrical power supply**
220-240V/50Hz
- **motor power rating**
400W
- **measurements (w x h x d)**
512 x 305 x 234mm
- **accessories**
factory pre mounted non return valve (supplied)
can be equipped with SaniAlarm

SANIPLUS is a high capacity unit that will enable you to install a full bathroom and pump the waste away up to 5 metres vertically or up to 100 metres horizontally. It's durable motor will enable long term and reliable running.



macerator



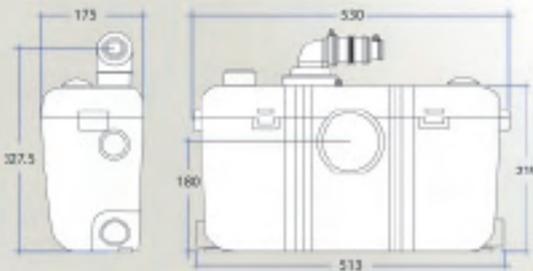
Increase size of horizontal run by one pipe size after 10m



SANIBEST®

SANIBEST has been engineered to handle more intensive use in either commercial or domestic situations.

SANIBEST is able to accept up to four inlets, making it ideal for use in restaurants, bars, public laundries or full scale domestic renovations.

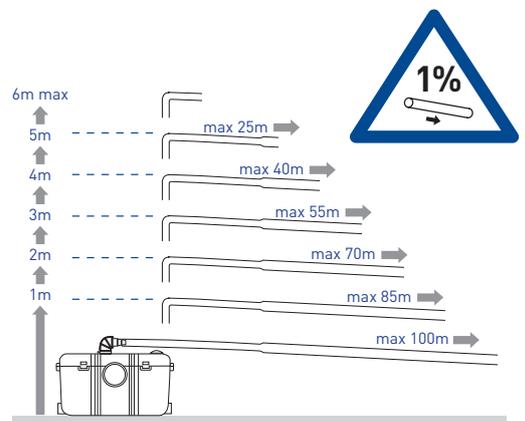
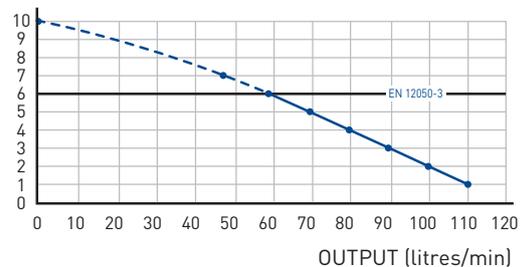


macerator

- **possible connections**
WC, vanity basin, shower, bidet
- **pumping height**
Up to 6m
- **horizontal pumping distance**
Up to 100m
- **recommended waste pipe diameter**
20mm PVC or 20-25mm CU
- **normal operating temp**
50°C and max 65°C for 2 mins
- **electrical power supply**
220-240V/50Hz
- **motor power rating**
750W
- **measurements (w x h x d)**
529 x 298 x 172mm
- **accessories**
factory pre mounted non return valve (supplied)
can be equipped with SaniAlarm



HEIGHT (m)



Increase size of horizontal run by one pipe size after 10m

SANICOMPACT®

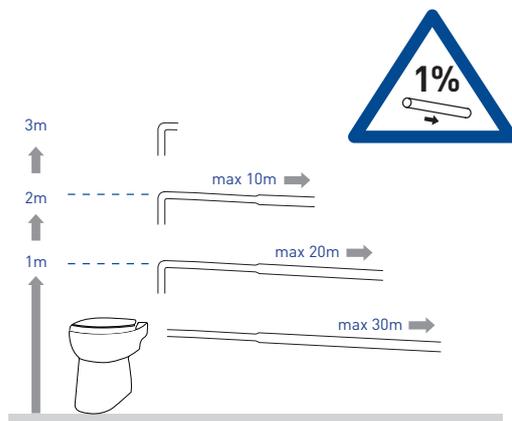
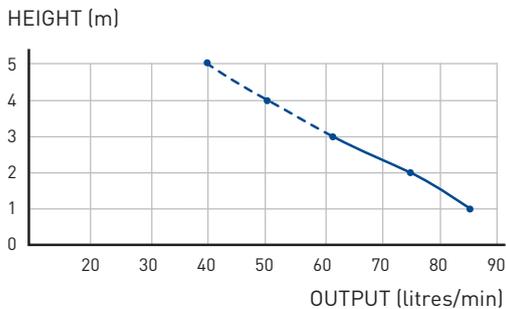
- **possible connections**
WC, vanity basin
- **pumping height**
Up to 3m
- **horizontal pumping distance**
Up to 30m
- **recommended waste pipe diameter**
25mm PVC or 32mm CU
- **normal operating temp**
25°C and max 35°C
- **electrical power supply**
220-240V/50Hz
- **motor power rating**
800W
- **measurements (w x h x d)**
390 x 445 x 430mm
- **accessories**
removable non return valve (supplied)

toilet seat supplied
fixing kit supplied
- **plumbing**
Sanicompact is connected directly to the water supply and is operated by a push button

SANICOMPACT is a cisternless 2 in 1 solution that allows you to lift waste from a WC as well as a vanity basin. It has been designed to focus on space and comfort, in situations where there may previously be none.



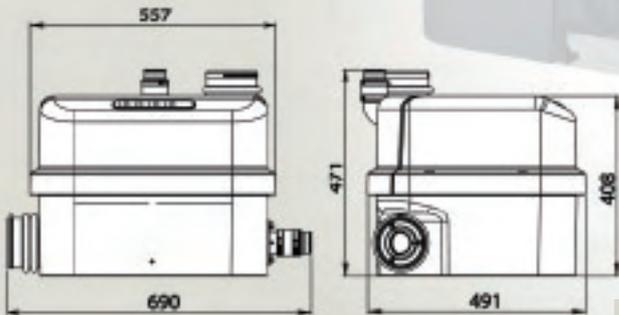
macerator



SANICUBIC®

Equipped with 2 powerful motors, SANICUBIC can remove waste from several appliances - WC, shower, bath, washing machine, dishwasher, multiple urinals and more.

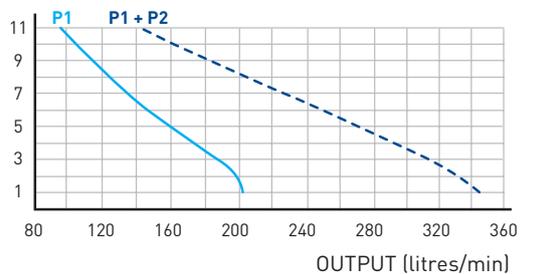
This clever unit has multiple inlets with various diameters, and also comes with two alarms (one mounted on the unit, one remote).



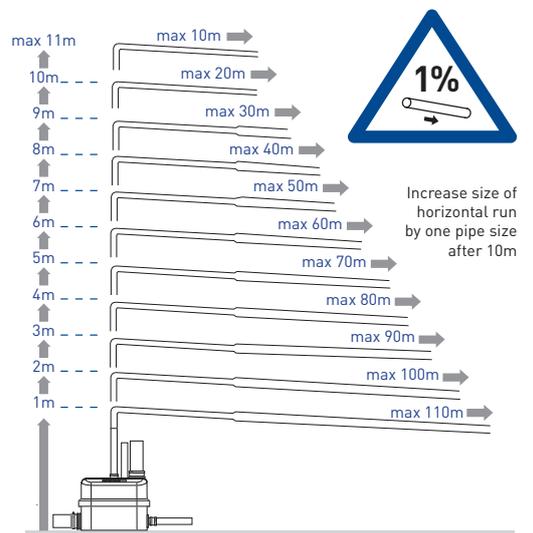
macerator

- **possible connections**
multiple WC's, waste waters from kitchen, bathroom and laundry
- **pumping height**
Up to 11m
- **horizontal pumping distance**
Up to 100m
- **inlet diameter**
100/110mm for toilets
40/50mm for waste waters
- **recommended waste pipe diameter**
40mm PVC or 50mm CU
- **normal operating temp**
35°C and max 70°C
- **electrical power supply**
220-240V/50Hz
- **motor power rating**
2 x 1500w
- **measurements (w x h x d)**
557 x 408 x 491mm
- **accessories**
non return valve (supplied)
control panel on unit
remote wireless alarm panel (supplied)

HEIGHT (m)



Example: Pump P1 is operating normally. It discharges 160 L/min at a pumping height of 5m. If pump P1 shows any signs of weakness or if the waste water inflow is too great, pump P2 starts up. The output is then increased to about 275 L/min, until the situation returns to normal.



Please note:
valves not supplied



SMARTER. EASIER. FASTER.

RENOVATIONS
MADE
EASY WITH

SANIFLO



- ENSUITE SHOWER ROOMS
- UNDER STAIRS POWDER ROOMS
- LOFT OR ATTIC CONVERSIONS
- GRANNY FLATS

- GARAGE CONVERSIONS
- TEMPORARY BUILDINGS
- BARS/CLUBS AND PUBS
- REST HOMES

- LAUNDRIES
- OFFICE KITCHENETTES
- MULTIPLE WASTE OUTLETS
- RESTAURANTS/CAFE'S

THE SANIFLO GREYWATER RANGE

Grey waste water is produced from general domestic and office processes such as dish or glass washing, bathing and laundry duties.

Our grey waste water pump range is ideal for renovating either your home or office, as each pump allows you to install facilities such as kitchens or kitchenettes, laundries, and even shower and wash facilities almost anywhere you

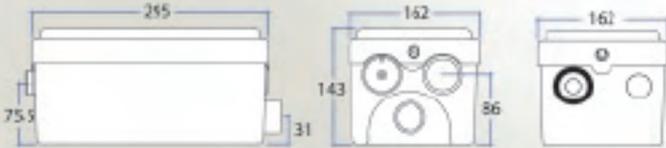
choose, even if it's remote from or below the existing sewer line.

With the ability to pump grey waste water without the need to rely on traditional gravity fed plumbing methods, you won't need to core cut concrete, or interrupt your neighbours in an office or apartment situation, as waste lines can be concealed in wall cavities and ceiling voids.

SA 94

SANISHOWER®

Low profile design enables the SANISHOWER to be integrated under a shower tray or even discreetly into furniture.

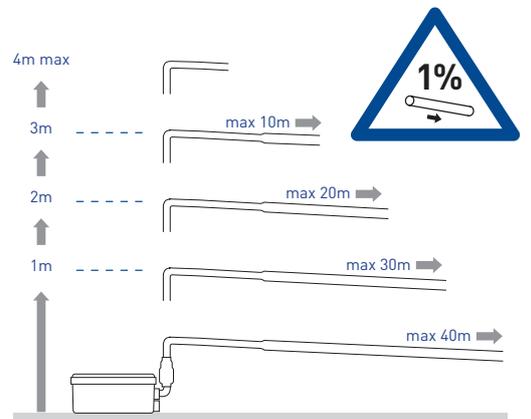
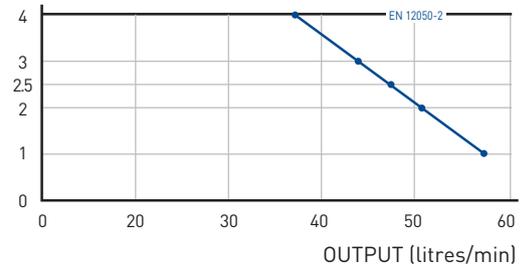


grey water

- **possible connections**
shower, vanity basin, bidet
- **pumping height**
Up to 4m
- **horizontal pumping distance**
Up to 40m
- **recommended waste pipe diameter**
20mm PVC or 20-25mm CU
- **normal operating temp**
35°C and max 45°C
- **electrical power supply**
220-240V/50Hz
- **motor power rating**
250W
- **measurements (w x h x d)**
315 x 145 x 165mm
- **accessories**
factory pre mounted non return valve (supplied)



HEIGHT (m)



Increase size of horizontal run by one pipe size after 10m

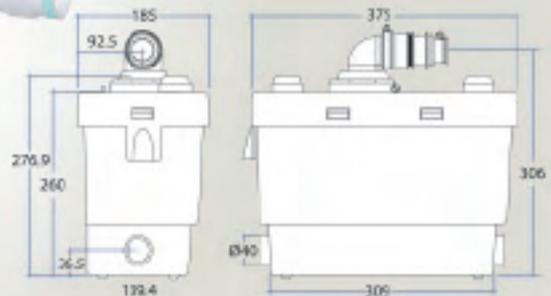


SANIVITE®

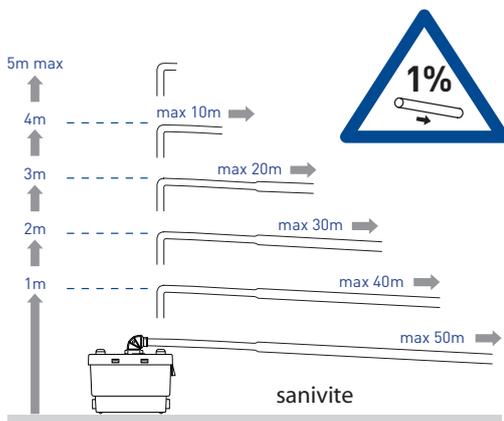
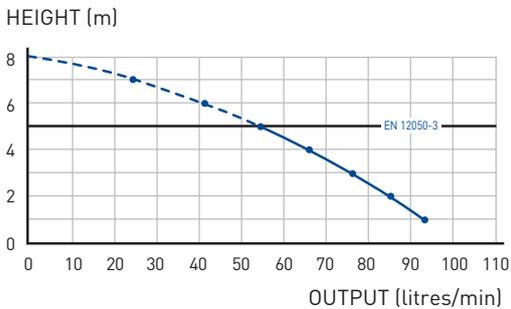
- **possible connections**
dishwasher, washing machine, sink, shower, vanity basin, bath, bidet
- **pumping height**
Up to 5m
- **horizontal pumping distance**
Up to 50m
- **recommended waste pipe diameter**
25mm PVC or 32mm CU
- **normal operating temp**
55°C and max 70°C for 2 mins
- **electrical power supply**
220-240V/50Hz
- **motor power rating**
360W
- **measurements (w x h x d)**
373 x 350 x 185mm
- **accessories**
factory pre mounted non return valve (supplied)

can be equipped with SaniAlarm

SANIVITE is the perfect solution for installing a complete kitchen or laundry at ground level or below in a basement.



grey water

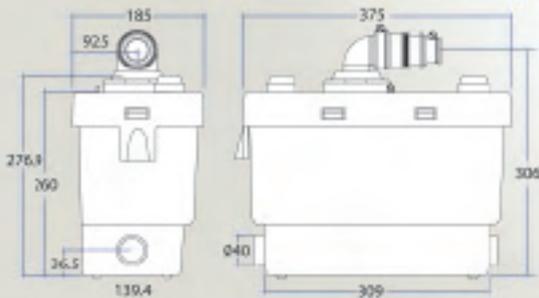


Increase size of horizontal run by one pipe size after 10m



SANISPEED®

SANISPEED is the perfect solution for installing a heavy-use kitchen or laundry at ground level or below in a basement.

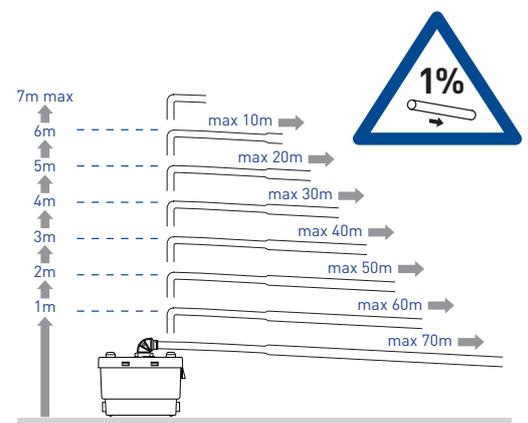
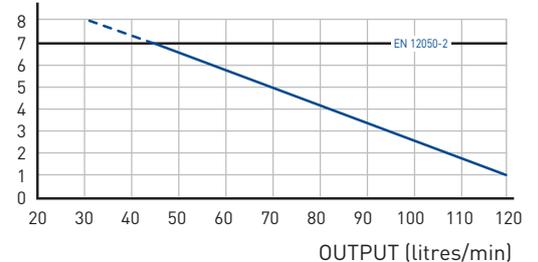


grey water



- **possible connections**
dishwasher, glasswasher, washing machine, sink, shower, vanity basin, bath, bidet, coffee station
- **pumping height**
Up to 7m
- **horizontal pumping distance**
Up to 70m
- **recommended waste pipe diameter**
25mm PVC or 32mm CU
- **normal operating temp**
65°C and max 90°C for 2 mins
- **electrical power supply**
220-240V/50Hz
- **motor power rating**
350W
- **measurements (w x h x d)**
373 x 350 x 185mm
- **accessories**
factory pre mounted non return valve (supplied)
can be equipped with SaniAlarm

HEIGHT (m)



Increase size of horizontal run by one pipe size after 10m

SANICOM[®]

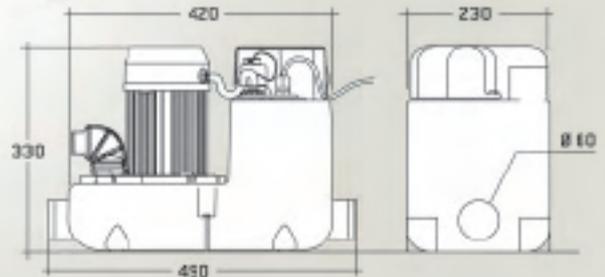
- **possible connections**
multiple sinks, coffee stations,
commercial kitchens, dishwashers,
glasswashers, washing machines
- **pumping height**
Up to 8m
- **horizontal pumping distance**
Up to 80m
- **recommended waste pipe diameter**
25-32mm PVC or 32-40mm CU
- **normal operating temp**
65°C and max 90°C for 2 mins
- **electrical power supply**
220-240V/50Hz
- **motor power rating**
695W
- **measurements (w x h x d)**
490 x 330 x 230mm
- **accessories**
factory pre mounted non return valve
(supplied)

possibility of fitting an external alarm

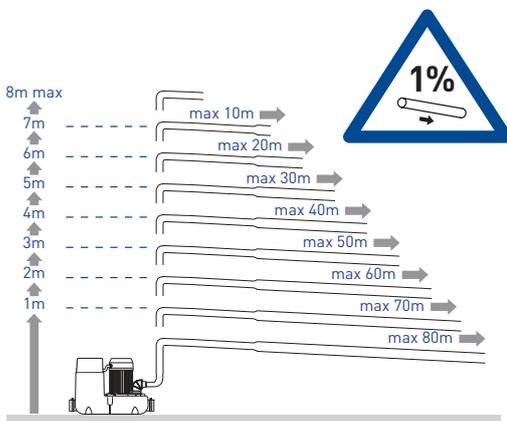
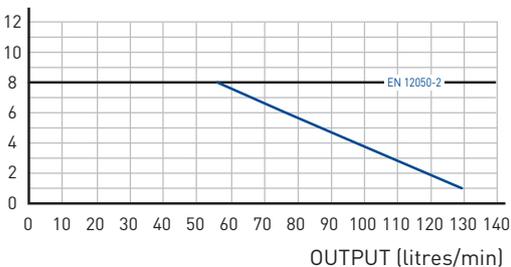
Resistant to high temperatures, SANICOM can be used to lift waste from demanding commercial kitchens, laundries and bars.



grey water



HEIGHT (m)



Increase size of horizontal run by one pipe size after 10m



SANICONDENS®

SANICONDENS PLUS flushes away condensates from condensing boilers and air conditioners, while the SANICONDENS BEST evacuates and neutralises acidic concentrates from oil and gas boilers.



SA 93

SANICONDENS® Best

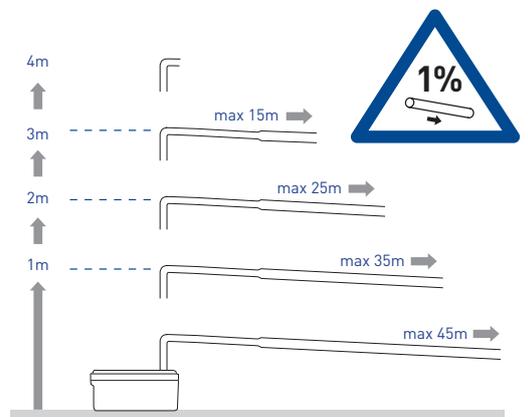
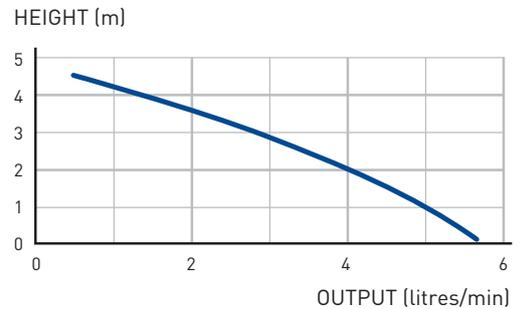


SA 91

SANICONDENS® Plus



- **possible connections**
Condensing Boiler, Air Conditioners, Refridgerators
- **pumping height**
Up to 4m
- **horizontal pumping distance**
Up to 45m
- **recommended waste pipe diameter**
10mm supplied
- **normal operating temp**
35°C and max 80°C for 2 mins
- **electrical power supply**
220-240V/50Hz
- **motor power rating**
60W
- **measurements (w x h x d)**
Condens Plus:
277 x 146 x 160mm
Condens Best:
279 x 254 x 160mm
- **accessories**
non return valve, wall fixing kit, 2 inlet adaptors, connection for an alarm, 2m of electric cable, 6m of drainage pipe



Increase size of horizontal run by one pipe size after 10m

SANIALARM®

The Sanialarm is the fruit of several months of research by the Saniflo engineering department which reflects our policy of continual product improvement across the range.

Occasional power failures, or a build up of limescale deposits in older units (that are not regularly descaled) will cause a surcharge of water in the unit.

To deal with such unforeseen problems, the Saniflo solution is to provide an immediate warning to stop using the unit and rectify the problem.

Sanialarm has a level pressure switch that triggers an alarm fixed to the top of the Saniflo unit if the volume of water exceeds the maximum allowed level. The alarm then emits a continuous sound at 80dB (close to the unit), until it is switched off and the problem rectified.

Sanialarm is battery operated and can be fitted on all models in the adaptable Saniflo macerator range, including Sanispeed and Sanivite.

Sanialarm is easy to install.



Powered by a
9 volt battery
(not supplied)



Sanialarm is available as an option on all models shown as indicated within this catalogue.

NEW



10 GOLDEN RULES FOR CORRECT INSTALLATION

Detailed installation instructions accompany every product

1

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

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

Bends should be smooth/long radius, not tight elbows. (Examples of copper and plastic shown)

4

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

5

Where the pipework fall 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 to 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 removed. Any extension between the WC pan spigot and wall should not exceed 150mm

8

As close coupled cistern dimensions vary it may be necessary with certain designs to utilise a spacer between cistern and wall.

9

Position the Saniflo unit behind the toilet, not underneath it.

10 **ELECTRICAL CLASS 1 PRODUCT**

Connect to power according AS 3000 Electrical Standards as rules apply depending on location. In ALL CASES supply must be protected by a 30mA RCD rated at 16A.

SANIFLO

With over 5 million units sold worldwide, Saniflo has provided over 30 million users with extra facilities since we invented the product in 1958



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