



# TOILET MACERATOR







**PLUS 1**

Designed to provide easy access for en-suite bathroom applications, convenient covers allow you to service and maintain the macerator without having to remove it. Suitable for new installations.

Why choose this product?

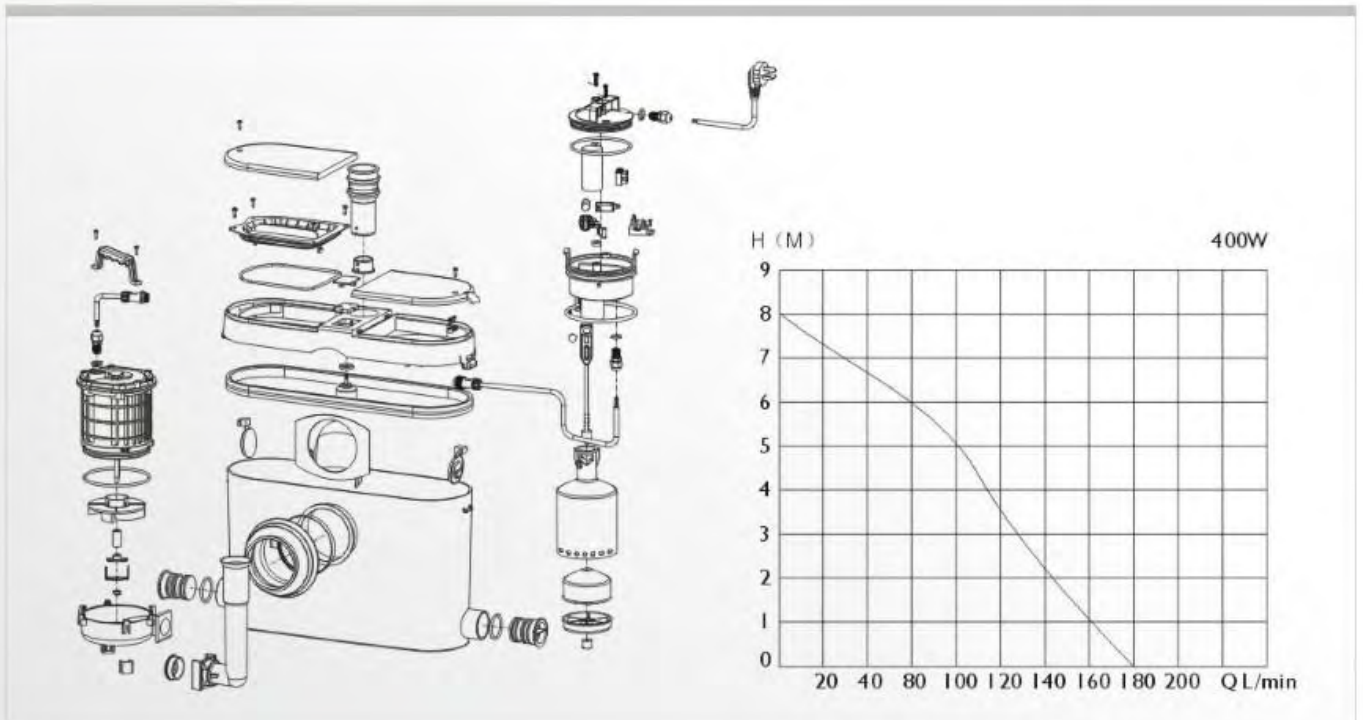
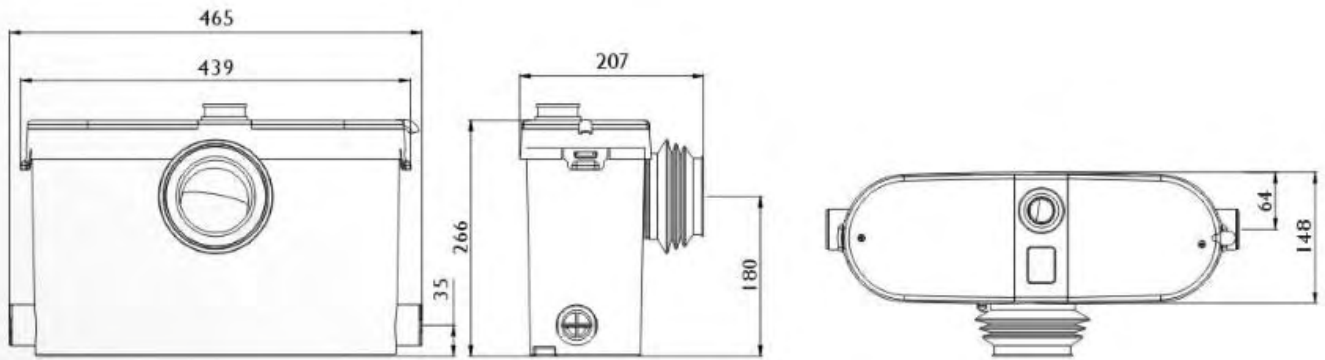
- Easy service access
- Suitable for ensuite e.g. WC, washbasin, shower and bidet
- Easy maintenance without removal of unit
- Suitable for new installations
- Quiet technology
- Two side inlets
- Only 148mm width
- Waterproof





### PLUS 1

Watts ( consumption)	400w
Electrical Supply	220-240V 50Hz
Flow rate at max head L/min	180L/min
Horizontal Discharge	100 metres
Vertical Discharge	8metres
Discharge Pipe Diameter	23mm/28mm/32mm
Motor RPM	2800RPM
Water Temperature	Min1c° max 50°C
IP rating	IP67





## PLUS 2

Designed to provide easy access for en-suite bathroom applications, convenient covers allow you to service and maintain the macerator without having to remove it. Suitable for new installations.

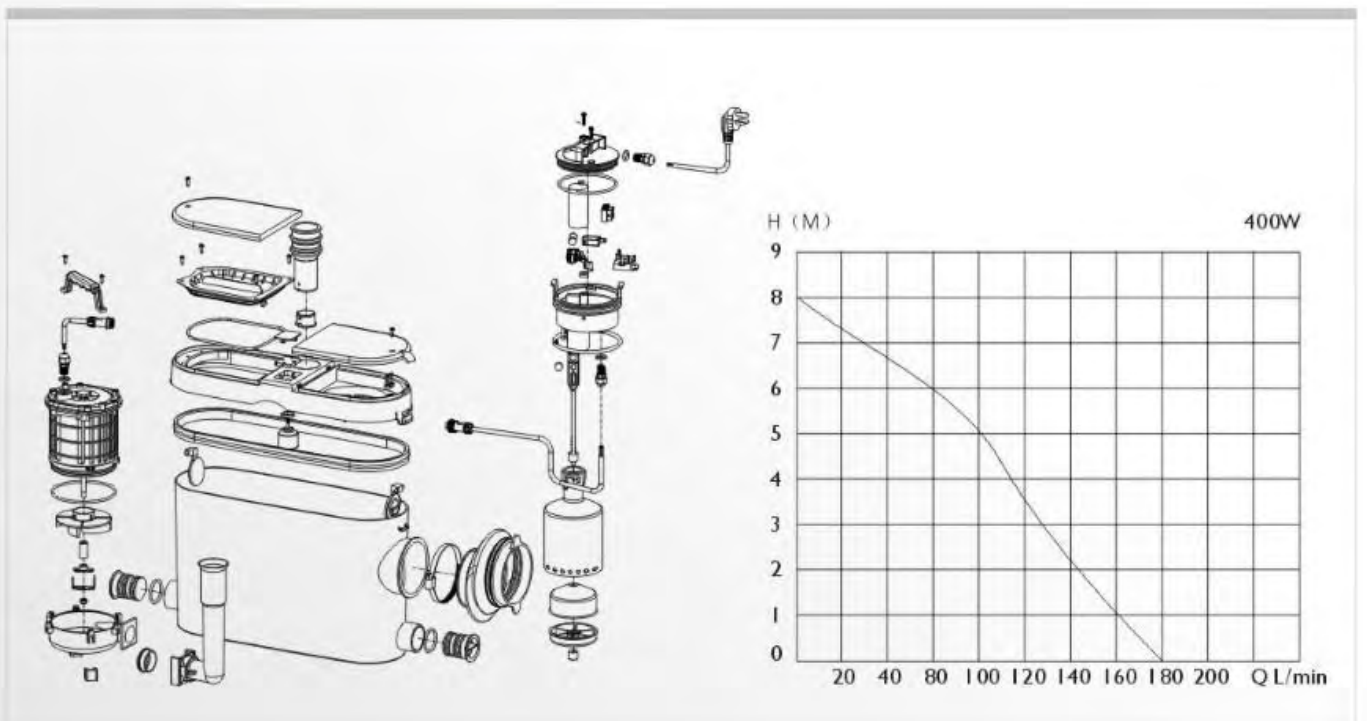
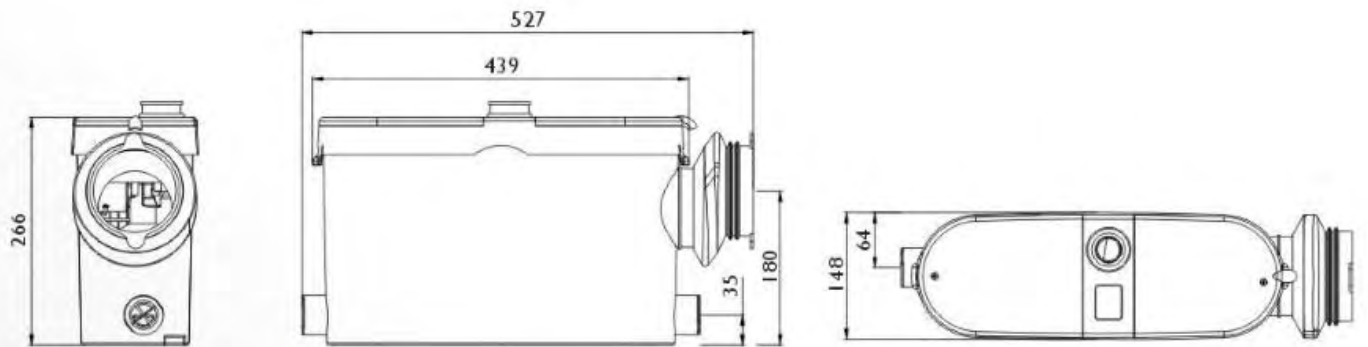
Why choose this product?

- Easy service access
- Suitable for ensuite e.g. wall-hang WC, washbasin, shower and bidet
- Easy maintenance without removal of unit
- Suitable for new installations
- Quiet technology
- Two side inlets
- Only 148mm width
- Waterproof



### PLUS 2

Watts ( consumption)	400w
Electrical Supply	220-240V 50Hz
Flow rate at max head L/min	180L/min
Horizontal Discharge	100 metres
Vertical Discharge	8metres
Discharge Pipe Diameter	23mm/28mm/32mm
Motor RPM	2800RPM
Water Temperature	Min1c° max 50°C
IP rating	IP67







### PLUS 3

Designed to provide easy access for greywater pumping applications such as kitchens and utility rooms, convenient covers allow simple service and maintenance of the pump without having to remove it.

Suitable for new installations.

Why choose this product?

- Easy service access
- Suitable for grey water
- Easy maintenance without removal of unit
- Suitable for new installations
- Quiet technology
- Two side inlets and optional top inlet
- Only 148mm width









The **600-D** enables you to install a complete 3-bathroom where conventional drainage would be impossible or too expensive to consider. The **600-D** is quiet in operation, and the pumping capability of up to 9m in height or 90m in length, gives you unequalled performance and total flexibility of installation. The system is fully automatic. When activated (by flushing or using other appliances) the powerful electric motor rotates the macerator impellor at 2800 rpm, shredding the effluent and discharging it through 1-inch (32mm) plastic solvent weld pipe to the main sewer.

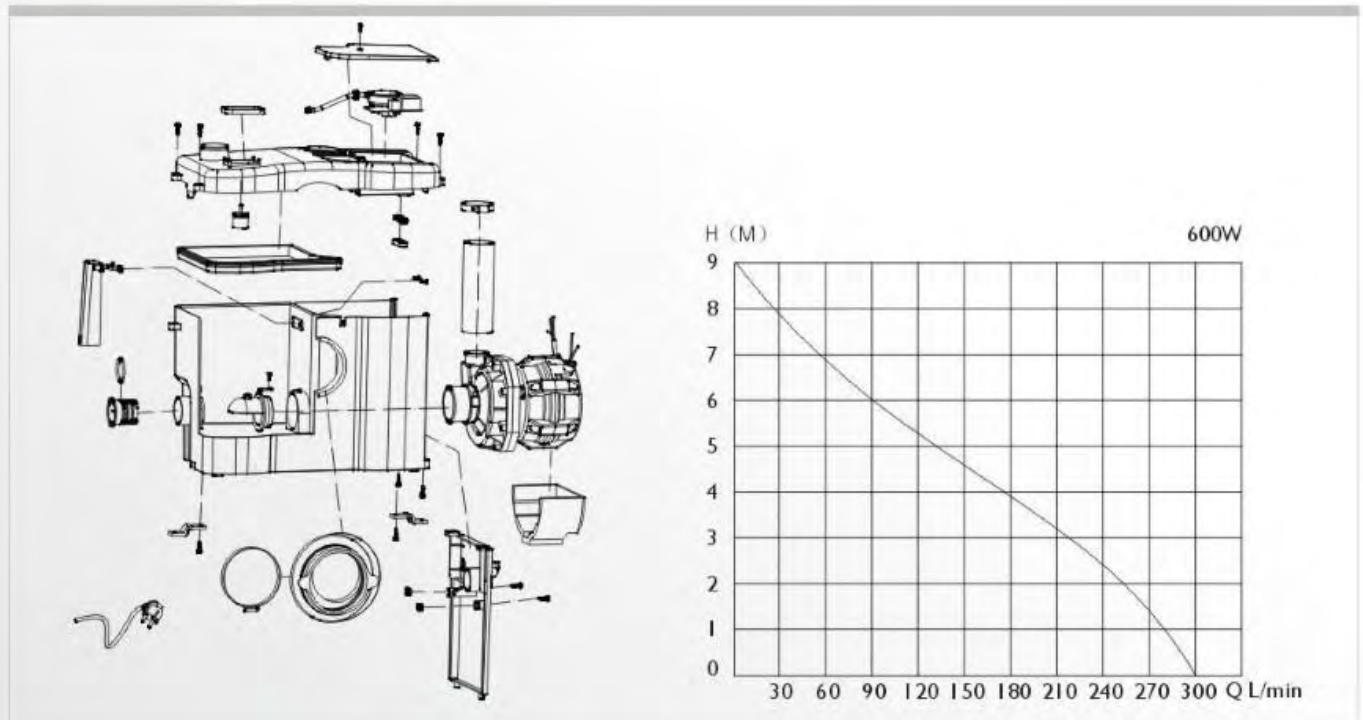
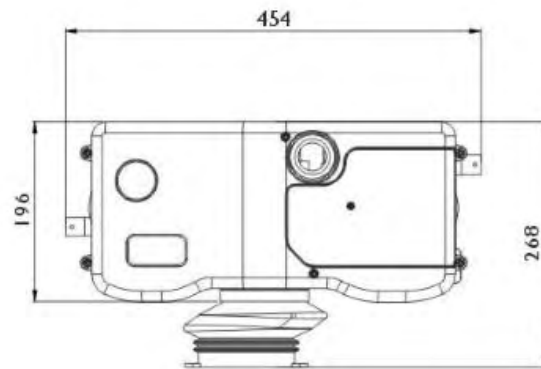
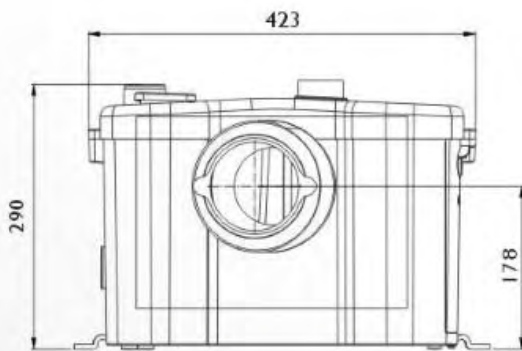
Why choose this product?

- Easy service access
- Suitable for ensuite e.g. WC, washbasin, shower and bidet
- Easy maintenance without removal of unit
- Suitable for new installations
- operated by PCB, high technology
- The height of the inlet for toilet can be adjusted
- Have alarm inside



### 600-D

Watts ( consumption)	600w
Electrical Supply	220-240V 50Hz
Flow rate at max head L/min	300L/min
Horizontal Discharge	90 metres
Vertical Discharge	9 metres
Discharge Pipe Diameter	32mm
Motor RPM	2800RPM
Water Temperature	Min1c° max 90°C
IP rating	IPx4





**800 lifting stations offer superior reliability, increased performance and improved serviceability. By talking to installers, HOMAC identified the problems that were experienced with the existing units on the market.**

The result of many years of development and continuous testing is the 800 that sets new standards. For example traditional compact lifting stations have been problematic especially when it comes to blockages and when access was required to service these units. The unique modular design ensures the servicing can normally be achieved in situ without the need to drain down the system. 800 model are also suitable for new installations or for replacing an existing unit and offer the option of horizontal or vertical discharge connection to a variety of discharge pipe sizes.

800 provide the solution to handling wastewater for any combination of WC, bidet, sink, shower and washing machine.

The cutting system of 800 is designed to pump organic matter and inorganic materials occasionally discovered in a toilet.

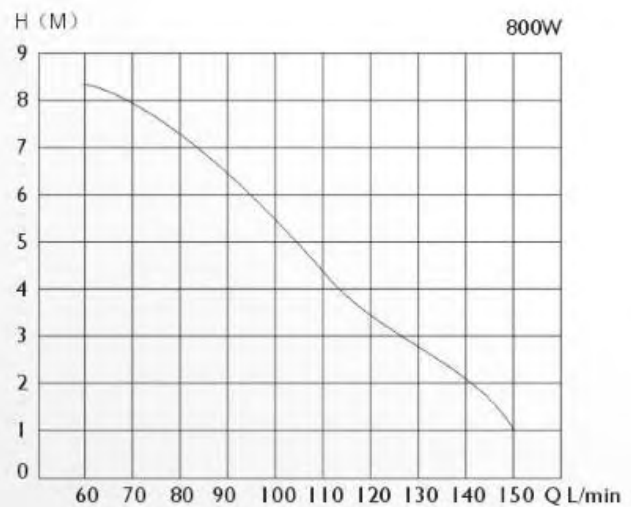
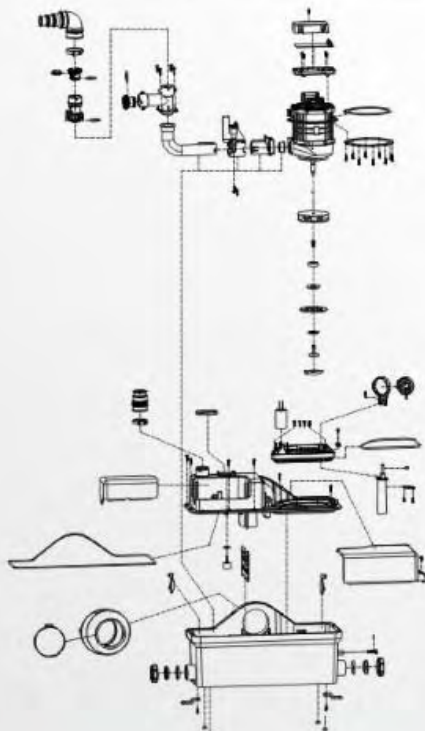
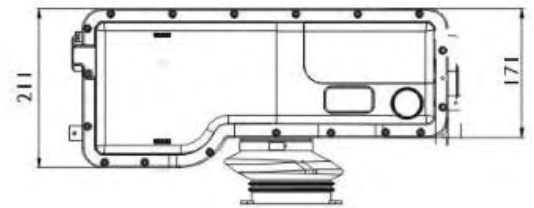
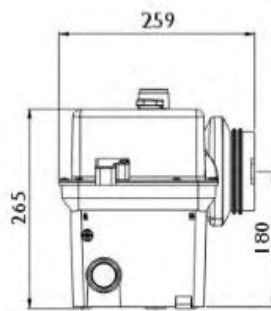
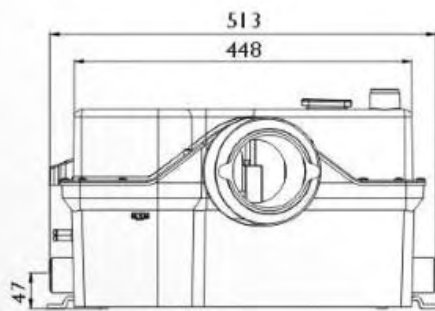
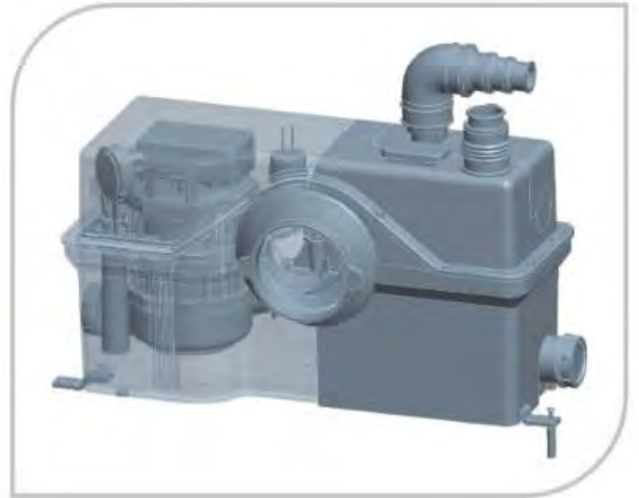
Have alarm inside

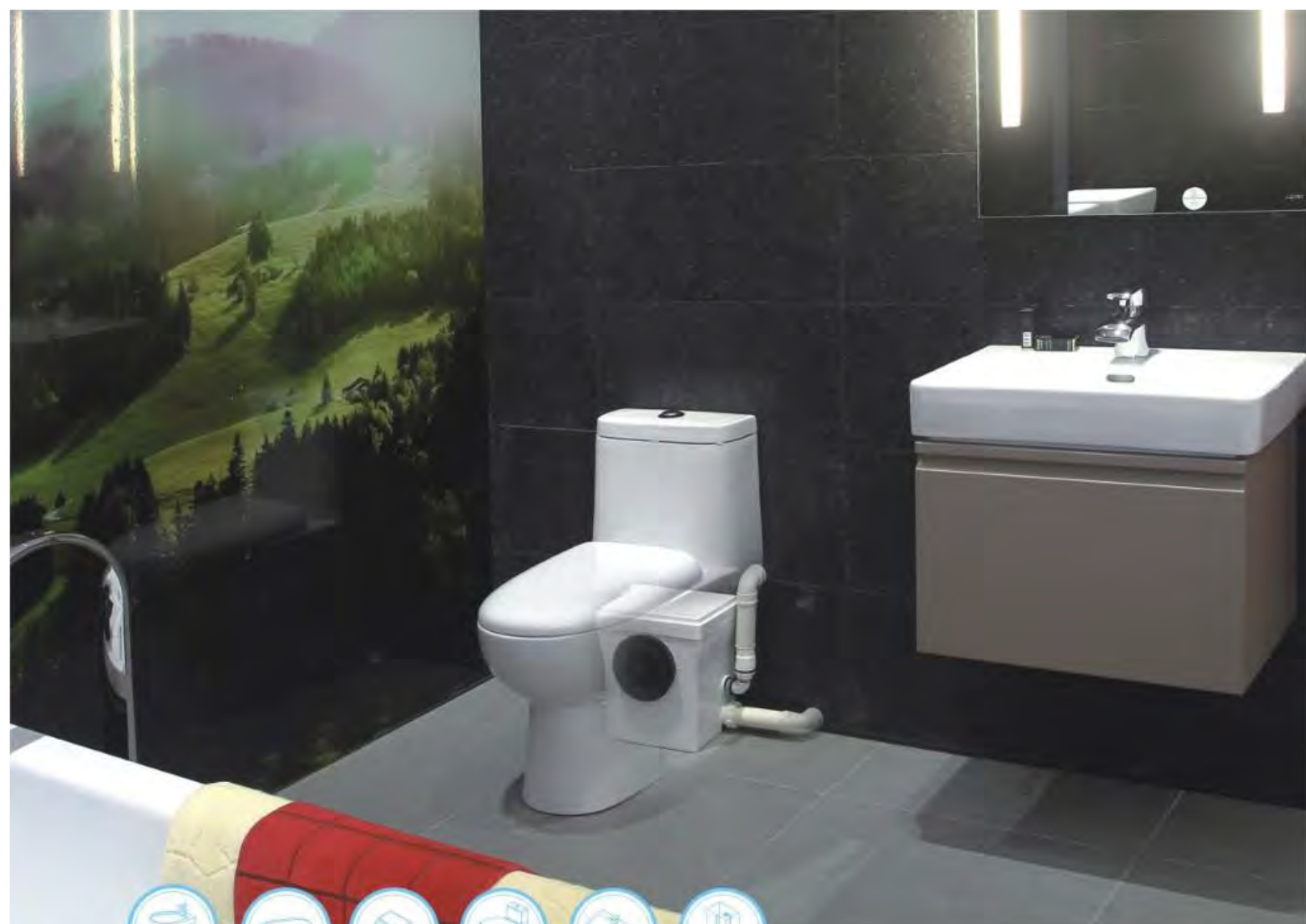




**800**

Watts ( consumption)	800w
Electrical Supply	220-240V 50Hz
Flow rate at max head L/min	150L/min
Horizontal Discharge	90 metres
Vertical Discharge	9 metres
Discharge Pipe Diameter	23mm/28mm/32mm/44mm
Motor RPM	2800RPM
Water Temperature	Min1c° max 50°C
IP rating	IPX4





On account of the large volume which causes exposure while the product is connected with toilet, it is not aesthetic.

While traditional products are set behind toilet, there will be a bunch of the following problems.

1: Product exposure.

2: In terms of that some products of other brands are too wide, it makes the water tank of toilet cannot lean against the wall while the product is connected and set up.

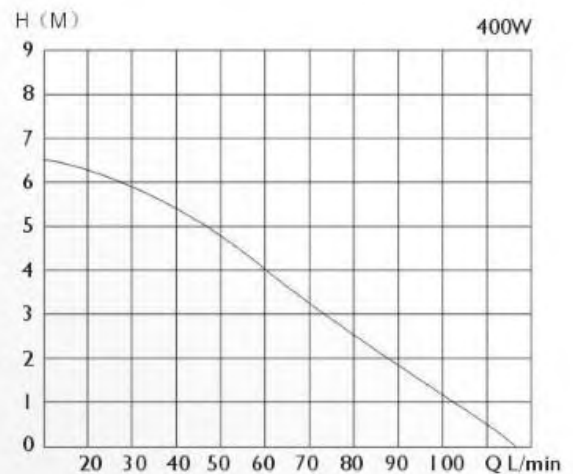
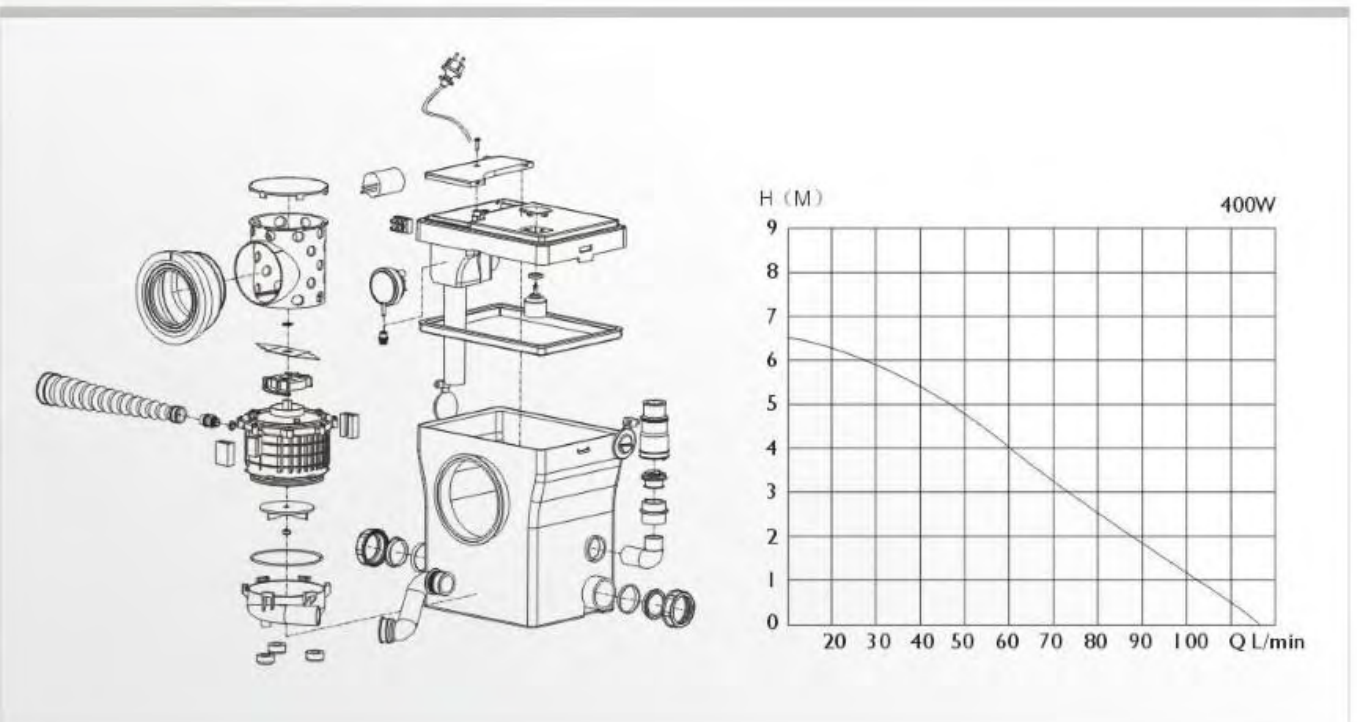
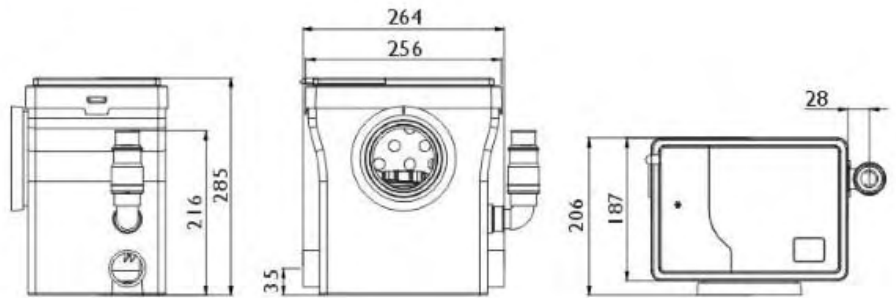
Now 400-s is coming, all the problems can be easily solved. Our exclusive design places the product into custom-designed toilet, that makes the overall product seemed attractive and fashionable.

Moreover, the exclusive design can not only significantly decrease the noise, but also can set up some bath and toilet appliances, such as washbowl and shower room, connected with 400-s. What we provide is not a traditional lifting station, but a high-tech toilet which is expert in purifying sewage.



### 400-S

Watts ( consumption)	400w
Electrical Supply	220-240V 50Hz
Flow rate at max head L/min	145L/min
Horizontal Discharge	70 metres
Vertical Discharge	6,5 metres
Discharge Pipe Diameter	23mm/28mm
Motor RPM	2800RPM
Water Temperature	Min1c° max 50°C
IP rating	IPx4







## 400

### HOW THE UNIT FUNCTIONS

The **400** is simply a tank which is gravity fed from your toilet, washing machine, shower etc. with a built in pressure switch which detects the incoming waste and starts a pump combined with cutting blades. This reduces the effluent to an easy to pump fluid which is then pumped along small diameter pipes into the drains. A non return valve is fitted as standard so enabling the unit to pump up to 7m vertically.

The 400 is ideal for adding an en-suite. With two inlets the 400 can easily deal with a WC, wash basin, bidet and a power shower.

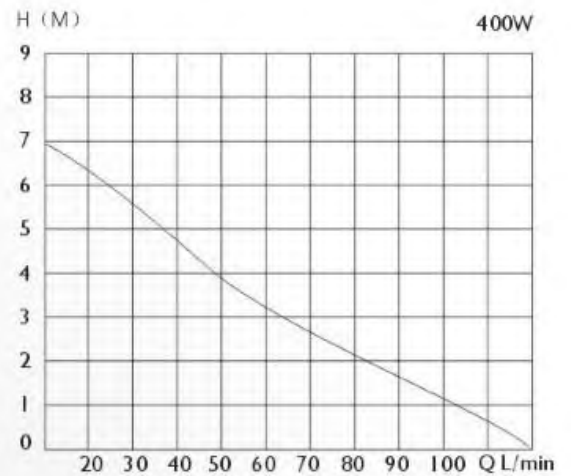
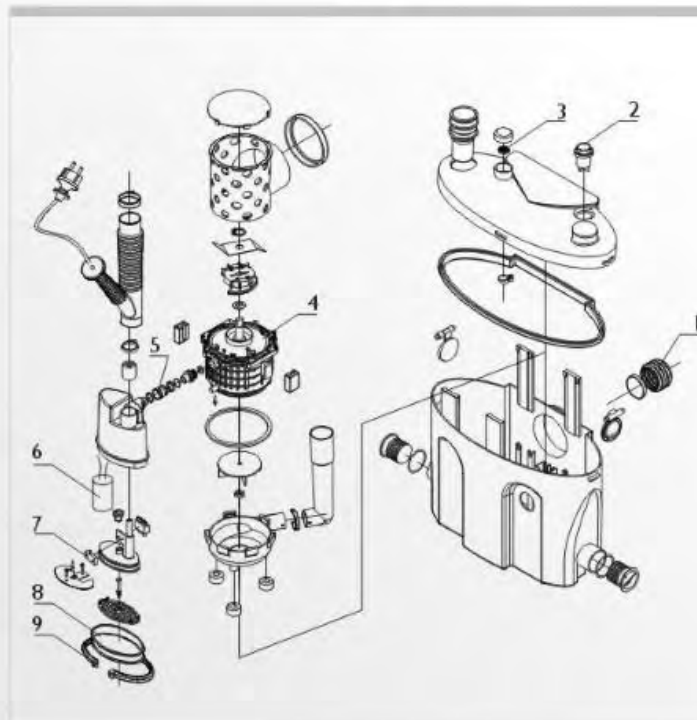
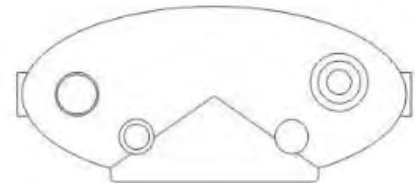
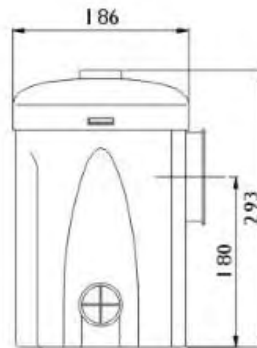
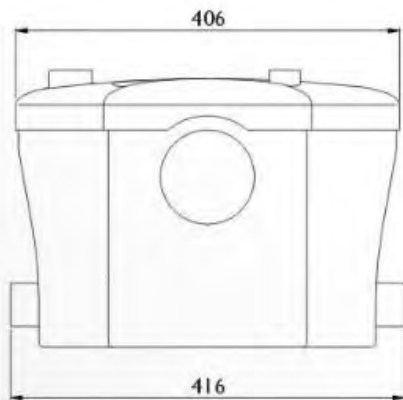
Why choose this product?

- Compact, neat and unobtrusive
- Capacity for an en-suite installation
- Inlets either side of unit



**400**

Watts ( consumption)	400w
Electrical Supply	220-240V 50Hz
Flow rate at max head L/min	145L/min
Horizontal Discharge	70 metres
Vertical Discharge	7 metres
Discharge Pipe Diameter	23mm/28mm/32mm
Motor RPM	2800RPM
Water Temperature	Min1c° max 50°C
IP rating	IPx4





The **400-A** is built into a wall cavity provided by a concealed frame system.

The reservoir is also built into the wall and all the user sees is a large push button that activates the flush.

**400-A** can be used with any North American wall-hung toilet system,

Since the reservoir, the macerating pump and the pipes are hidden from view, this type of installation gives you the lean and clean look of a European bathroom.

The **400-A** is simplicity itself to install; there are just three connections:

Designed to be concealed from view, where back-to-wall or wall-hung sanitaryware is required, the extra 400-A can take waste from a WC, wash basin and shower. An ideal choice for a modern, sleek finish. Why choose this product?

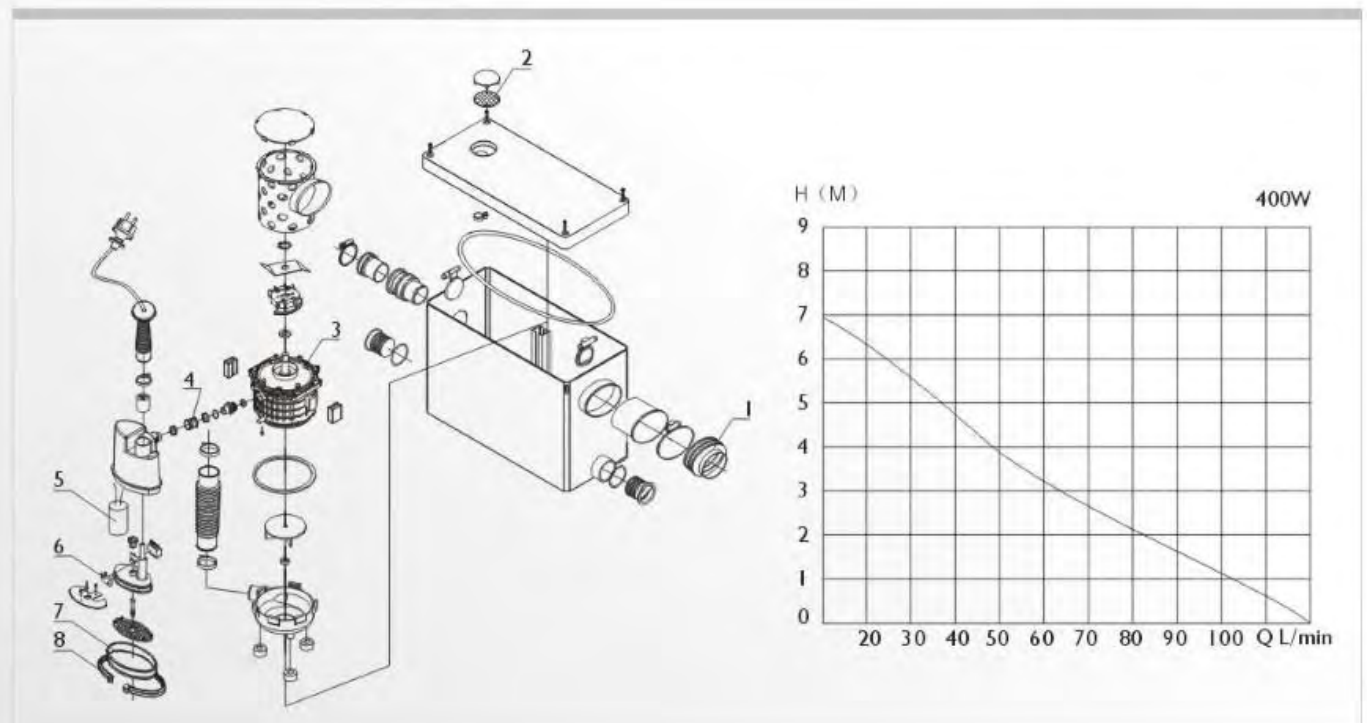
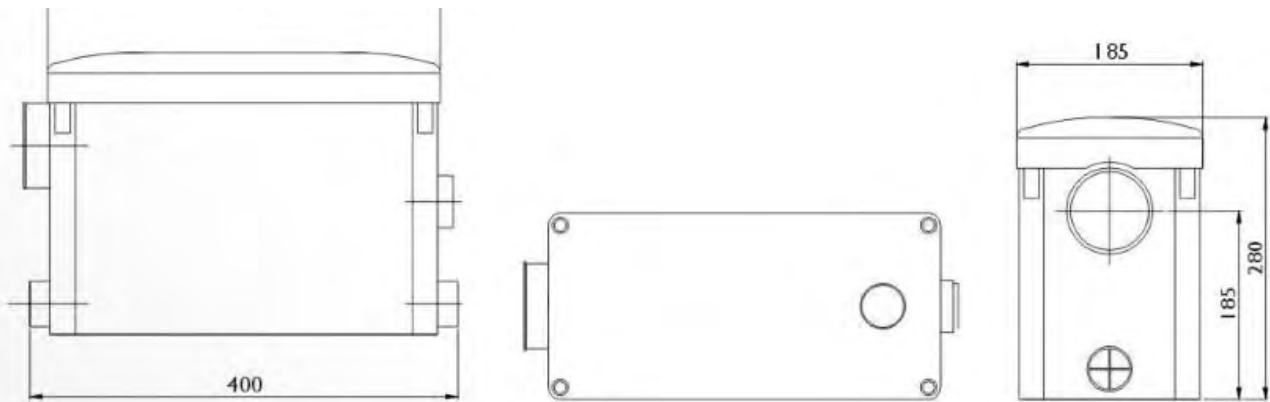
- Perfect solution for a complete shower room installation
- Ideally suited for fitted bathroom units
- Capacity to connect WC, wash basin, bidet and shower





### 400 - A

Watts ( consumption)	400w
Electrical Supply	220-240V 50Hz
Flow rate at max head L/min	145L/min
Horizontal Discharge	70 metres
Vertical Discharge	7 metres
Discharge Pipe Diameter	23mm/28mm/32mm
Motor RPM	2800RPM
Water Temperature	Min1c° max 50°C
IP rating	IPx4





The 250 is a small gray water pump that may be used to pump waste water away from a shower, sink, bar sink, or other fixture.

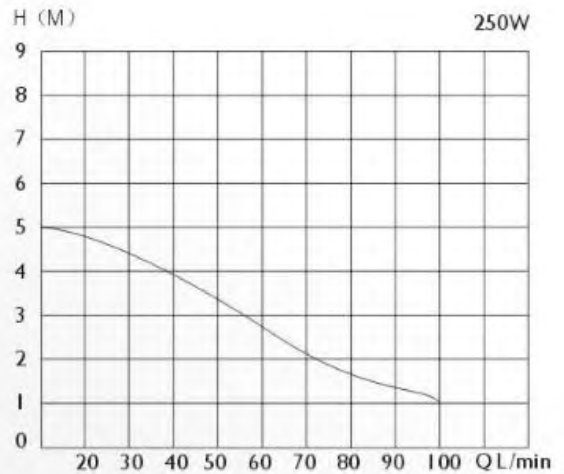
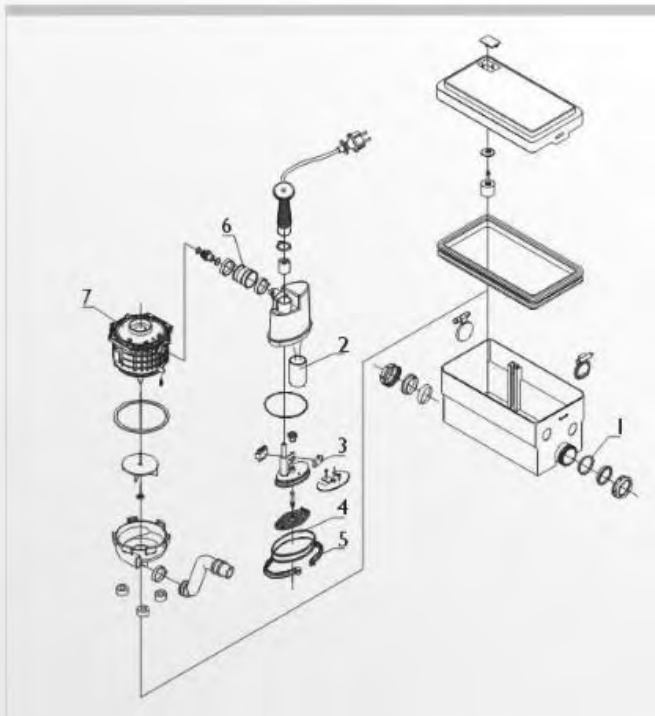
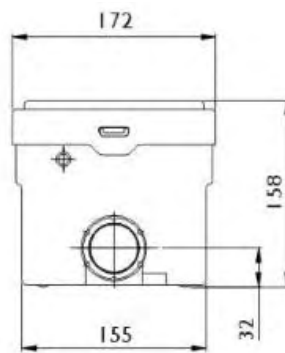
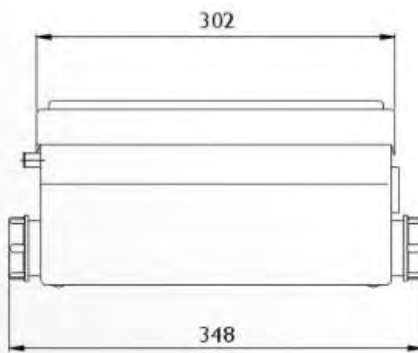
The 250 is small enough to fit underneath a raised shower base. Alternatively, it can be placed behind a wall or beside a shower.

The 250 will pump wastewater up to 5m in height and/or 50m away from a soil stack.



250

Watts ( consumption)	250w
Electrical Supply	220-240V 50Hz
Flow rate at max head L/min	100L/min
Horizontal Discharge	50 metres
Vertical Discharge	5 metres
Discharge Pipe Diameter	23mm/28mm
Motor RPM	2800RPM
Water Temperature	Min1c° max 50°C
IP rating	IPx7





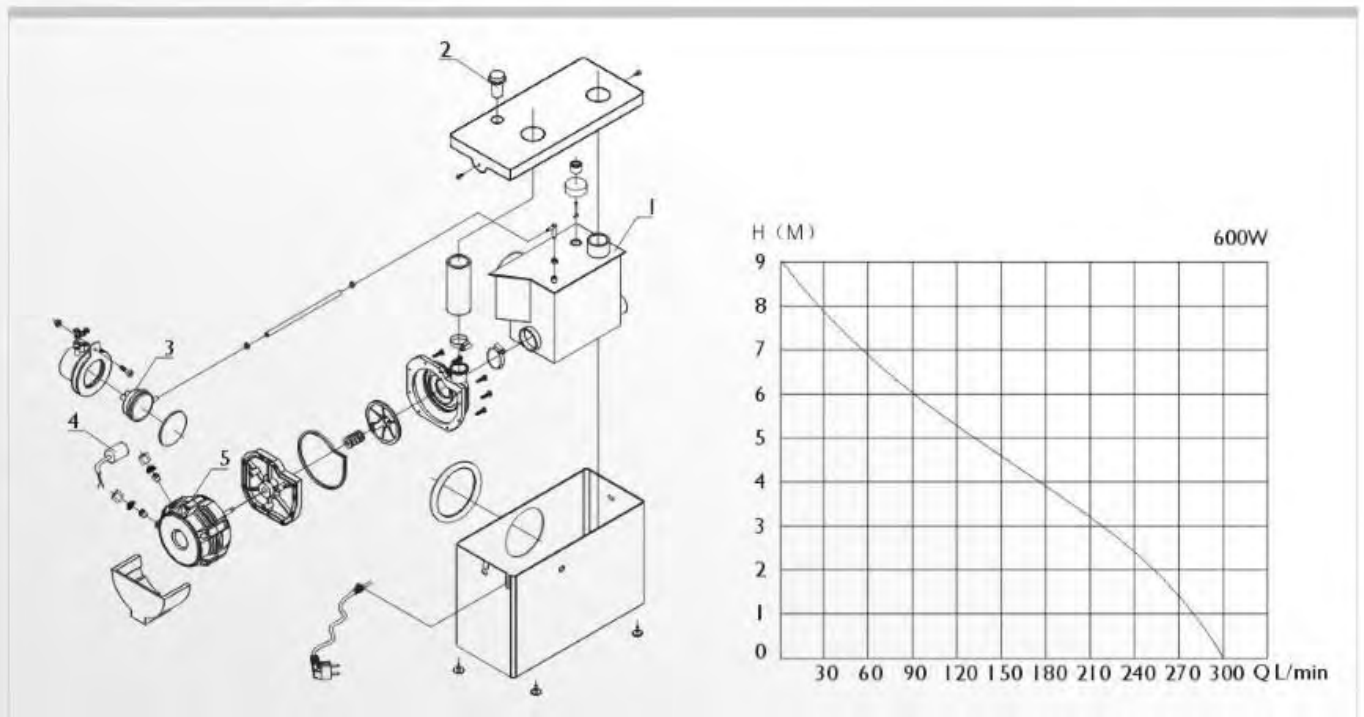
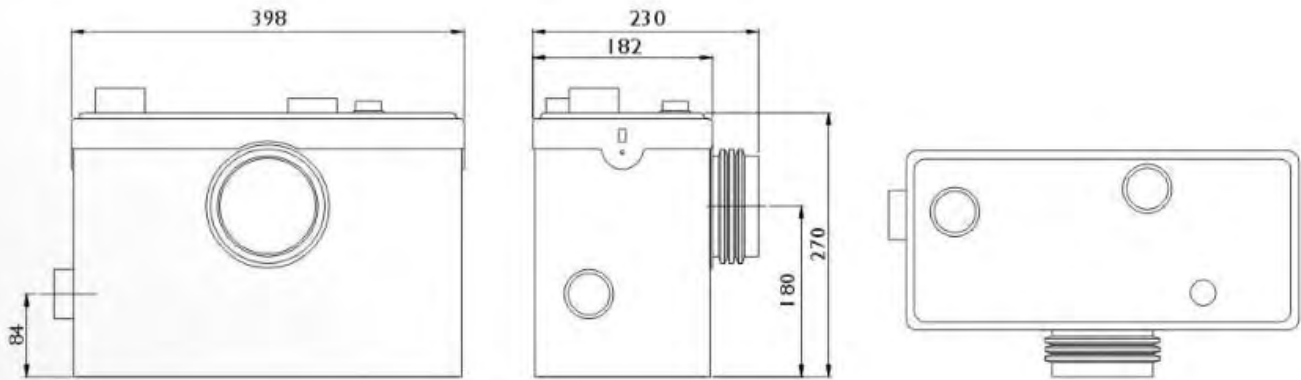


The **100** enables you to install a complete 3-bathroom where conventional drainage would be impossible or too expensive to consider. The **100** is quiet in operation, and the pumping capability of up to 9m in height or 90m in length, gives you unequalled performance and total flexibility of installation. The system is fully automatic. When activated (by flushing or using other appliances) the powerful electric motor rotates the macerator impellor at 2800 rpm, shredding the effluent and discharging it through 1-inch (32mm) plastic solvent weld pipe to the main sewer.



**100**

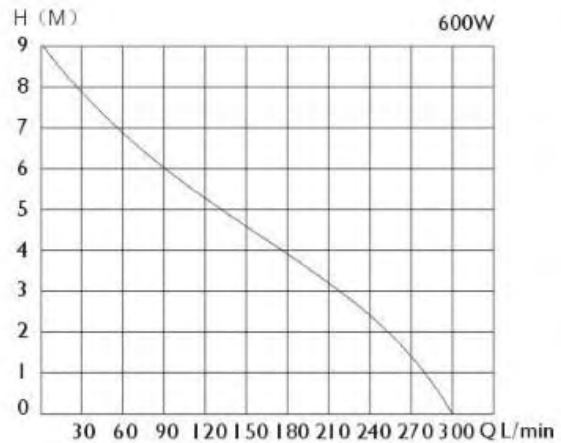
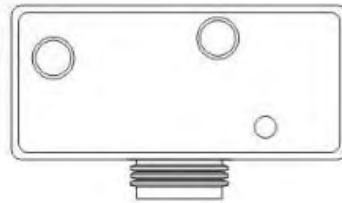
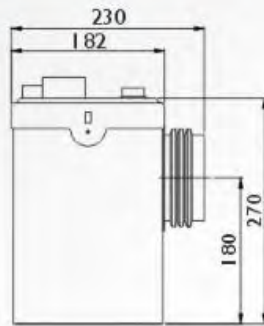
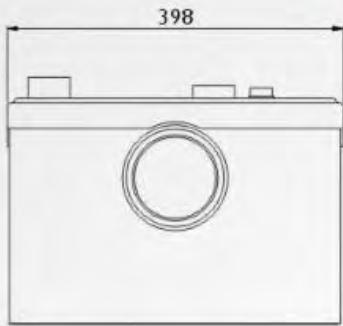
Watts ( consumption)	600w
Electrical Supply	220-240V 50Hz
Flow rate at max head L/min	300L/min
Horizontal Discharge	90 metres
Vertical Discharge	9 metres
Discharge Pipe Diameter	32mm
Motor RPM	2800RPM
Water Temperature	Min1c° max 90°C
IP rating	IPx4





## 75

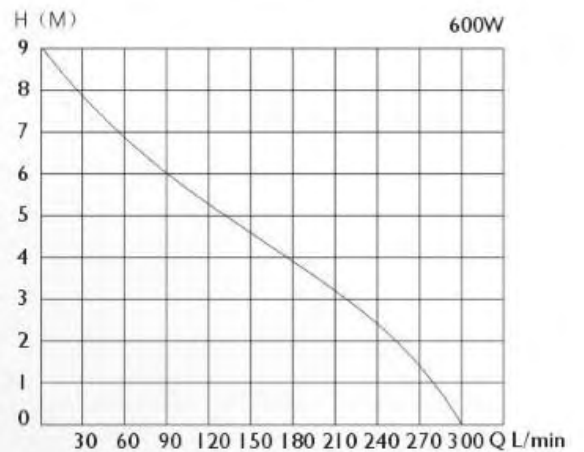
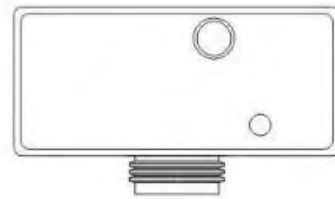
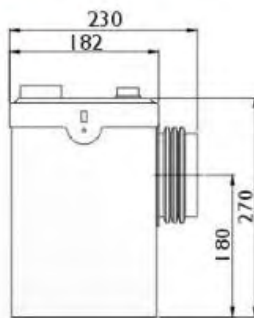
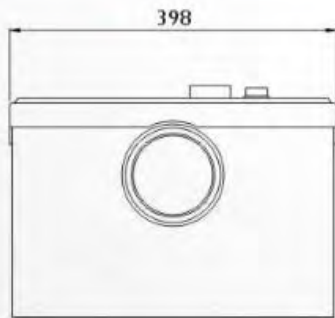
The 75 enables you to install a toilet and hand basin (or other fixture) where conventional drainage would not be a viable option. It is economical and simple to install, quiet in operation and (should it be necessary) can be serviced with ease. With a pumping performance of up to 9m in height or 90m in length, the 75 gives you unequalled performance and total flexibility of installation. Using standard 1-inch (32mm) solvent weld plastic pipe allows you to install the unit almost anywhere.





**50**

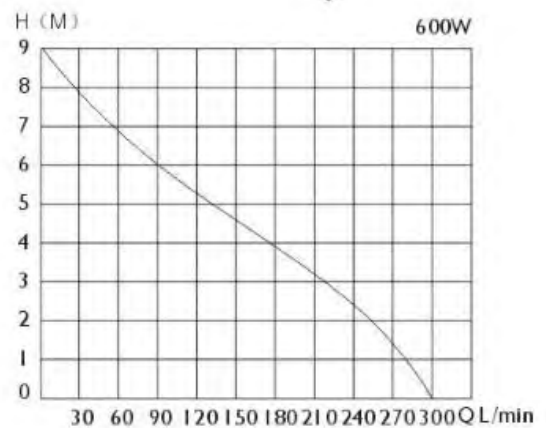
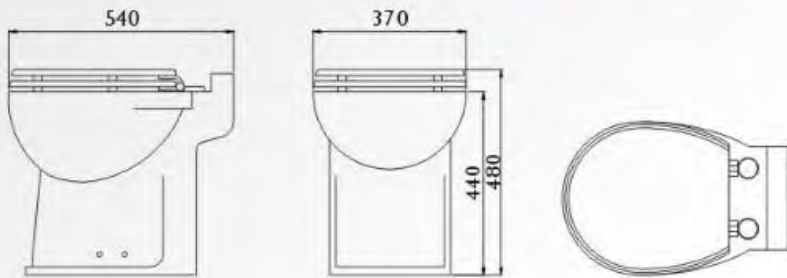
The **50** allows you to install an extra toilet almost anywhere in a home or office. It is economical and simple to fit, quiet in operation and (should it be necessary) can be serviced with ease. With a pumping performance of up to 9m in height or 90m in length, the **50** gives you unequal performance and total flexibility of installation. Using standard 1-inch (32mm) solvent weld plastic pipe allows you to install the unit almost anywhere.





### TOILET MACERATOR

This modern shaped self-contained china toilet is very water efficient, using just 1.5 litres of water per flush. It was designed with several purposes in mind: for situations where there is not enough space as a toilet that uses a minimum amount of water as a toilet for use with people that have physical limitations. The TOILET MACERATOR has no external water tank as the flushing mechanism is built in and is totally electric. After use, one presses a pneumatic button on top of the bowl, this activates a timer and a solenoid valve in order to fill and wash the sides of the bowl. The motor starts and the waste and paper are sucked inside, where it is macerated and pumped away. The motor stops after approximately 6 seconds and the timer programs the refill of the bowl with fresh water. The discharge pipe of the TOILET MACERATOR is 32mm in diameter, the pump operates at 7 PSI and pumps the effluent upwards to 9m vertically. The discharge pipe-work may be made with either copper or solvent welded plastic material, provided that a consistent gravity fall of 2% is maintained throughout the run. The TOILET MACERATOR is a self contained toilet with the macerator pump and an electrical activated flushing action built inside the unit. That is why this toilet can be installed in very small places. TOILET MACERATOR does not depend on gravity, so it can be used where large diameter pipe cannot be used.

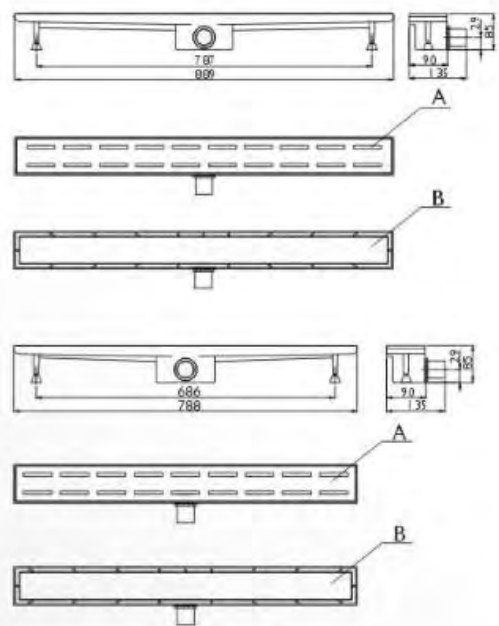
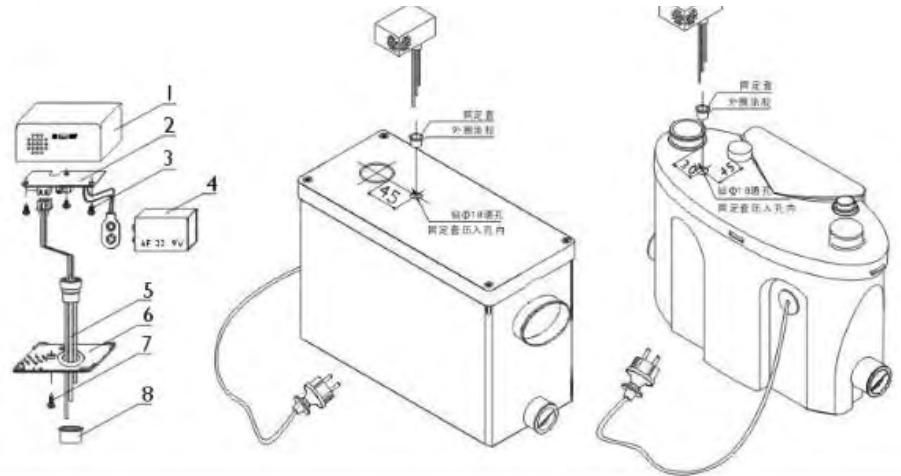


### ALARM



The alarm has a level pressure switch that triggers an alarm fixed on the top of the unit if the volume of water exceeds the maximum allowed level. The alarm emits a continuous 80 DB warning sound until is switched off or the problem is rectified. The alarm is battery operated and can be installed on the 400/400-A range.

Use carbon zinc battery 9V





**SISTEMA<sup>®</sup>**

