

silence

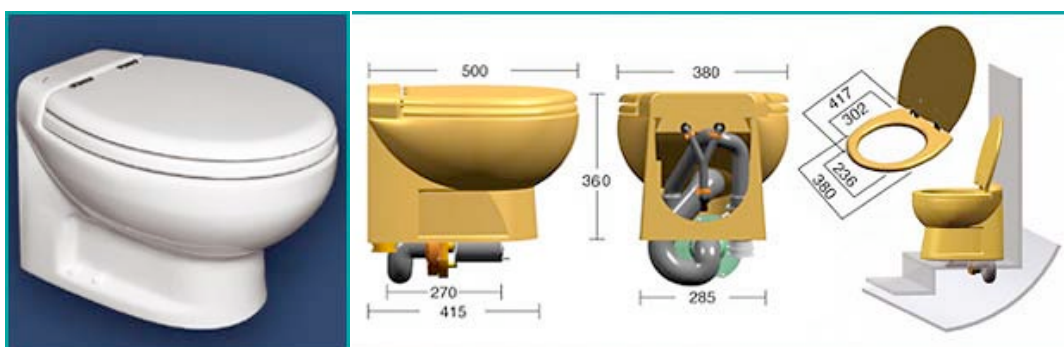
Silence Plus



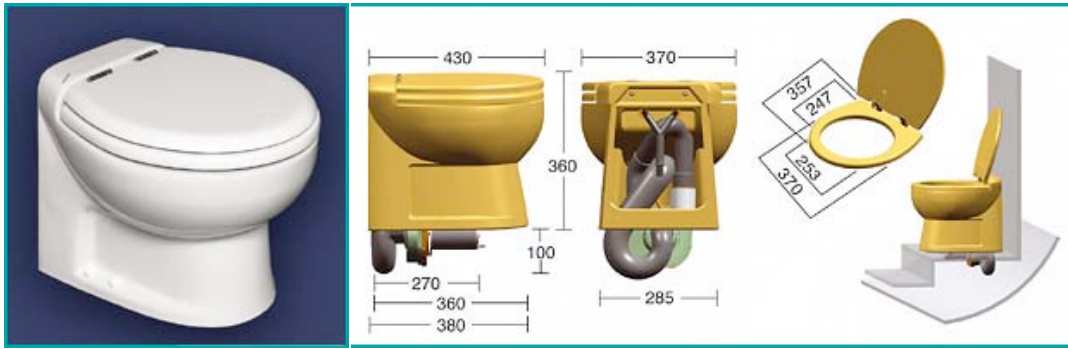
Silence Standard



Silence Plus Short Version



Silence Short



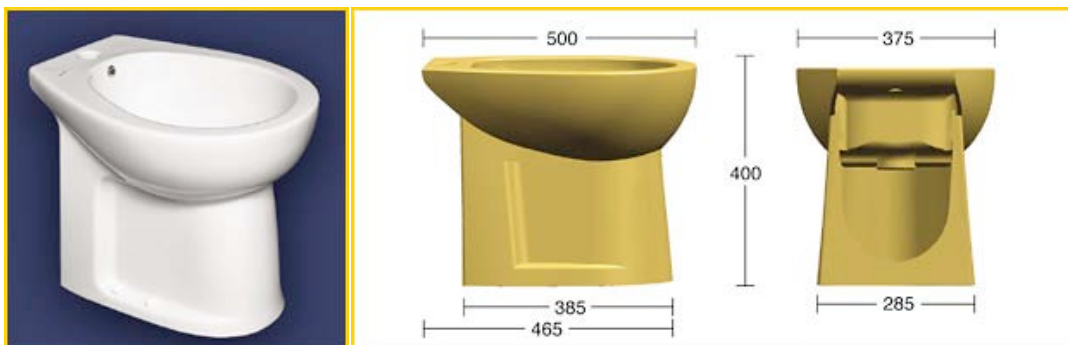
Silence Standard Cut Version



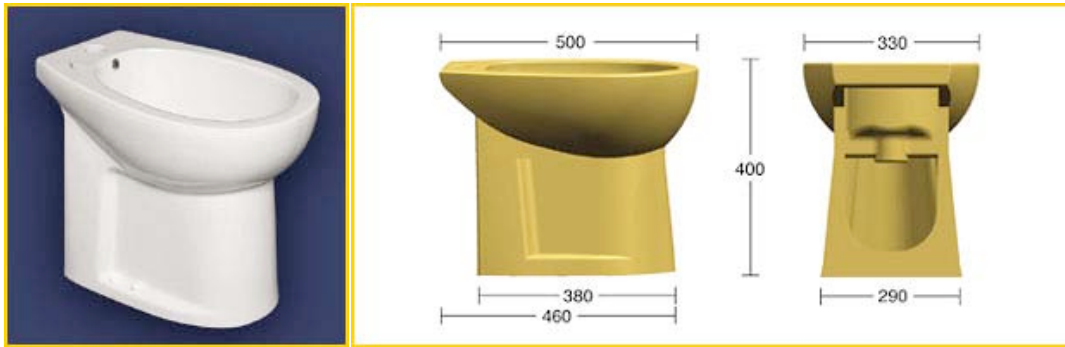
Silence Short Cut Version



Bidet



Bidet mini



Bidet short



Silence has been designed to be installed on boats. All the results of the continuous research activity of a leading company in the field of marine toilets and wastewater treatment have converged in the designing and producing of this WC where performances, reliability, noiselessness, and design reach the highest levels.

The porcelain bowl can be placed solidly with the floor and the posterior wall, obtaining the maximum hygiene and cleaning practicability in compliance with the most modern tendencies. The functioning cycle is completely automatic and eliminates wastewater by a high-performance turbine pump that allows a wastewater's drainage up to a height of 11 m. and a distance of 90 m. These characteristics give great freedom of choice in the routing of the pipes. The turbine drainage system due to its revolving speed, enables a complete fragmentation of the organic residues, thus avoiding any possibility of clogging.

The low water consumption (2,5 L.) avoids to resort frequently to the emptying of the holding tank and allows, moreover, an eventual use of the fresh water.

Silence has been designed in order to safeguard of the environment: indeed, it is predisposed for the connection with the holding tank and it advises to empty the tank, when necessary, by means of a light positioned on the control panel.

Silence can be installed with a centralized system (for more toilet installations) or with a single system.

Silence can also operate as a bidet: the bowl can be supplied with an optional bidet device operated by a monicontrol mixer fixed on one side of the unit and easily operable. The supply of the fresh water takes place by means of a swivel nozzle placed in a proper space in the appliance.

The **Silence Short** versions are manufactured to allow the installation of the WC on a step (should this be required for other reasons) whenever the standard dimensions would require the recourse to a seating position that is too high (in the Short models, part of the components is installed under the step).

The **Silence Cut** versions are manufactured to allow the installation of the WC in the presence

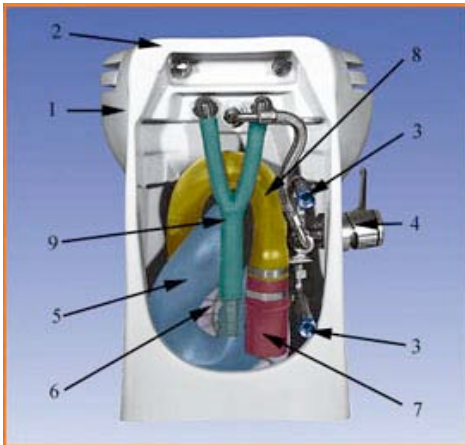
of an oblique back wall. This is normally occasioned by the design of the hull and, therefore, a lopsided WC allows the installation even when the space is cut down to a minimum.

ADVANTAGES:

- Very simple to install.
- Perfectly silent operation.
- Completely automatic wash cycle.
- Cannot become clogged.
- Bidet with fresh-water mixer incorporated (optional).
- Predisposed to discharge in holding tank.

TECHNICAL SPECIFICATIONS:

- White or bone-colored porcelain WC.
- Seat and cover of wood and polished polyester.
- Water consumption 2,5 L.
- Power supply 12/24 V DC.



1. Vitreous-china bowl - 2. Seat and cover - 3. Connect. bidet fresh water - 4. Bidet mixer - 5. Bowl-pump connection pipe - 6. Centrifugal outlet pump - 7. Outlet one-way valve - 8. Outlet pipe - 9. Connection bowl inlet water



Control panel with one switch

With this control panel a specific quantity of water always remains in the WC, which prevents organic residues dirtying the ceramic sides. After use of the toilet, pressing the pushbutton starts a completely automatic flushing cycle.

Advantage: simple to use.



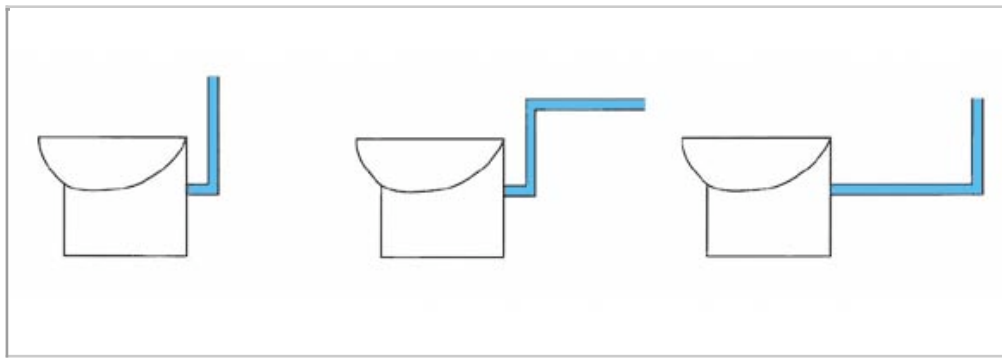
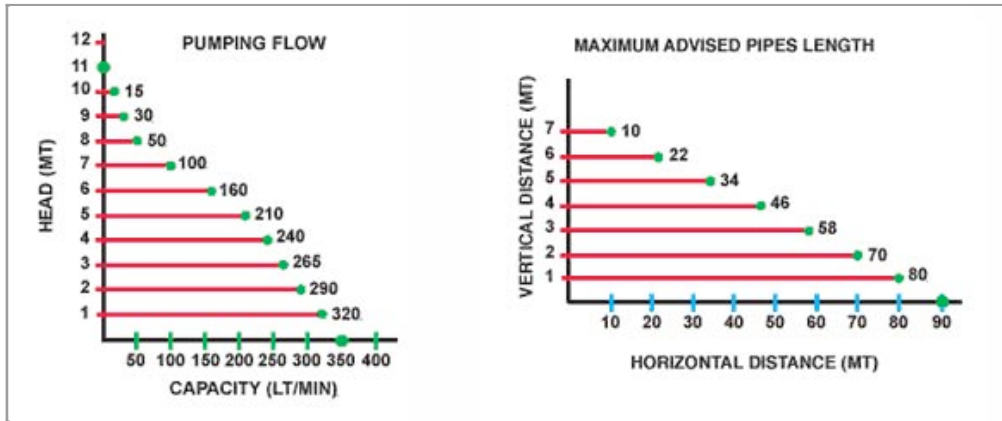
Control panel with two switches

With this control panel the WC remains completely dry when in the rest position. Pressing the "before use" button sends a specific quantity of water into the WC, which prevents organic residues dirtying the ceramic sides. After using the toilet, pressing the "after use" pushbutton starts an automatic flushing cycle that leaves the WC completely clean and dry in the rest position.

Advantage: the WC is completely dry

silence

Performances

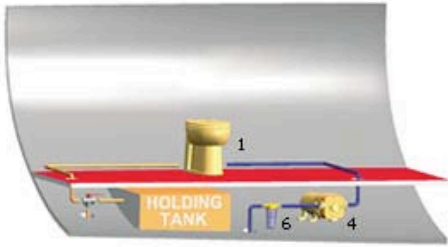


Technical specifications

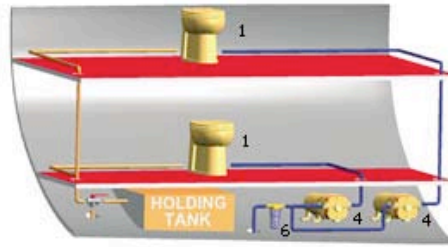
Voltage	12V dc	24V dc
Inlet pump consumption (single system)	4 A	2 A
Electrovalve consumption (centralized system)	5 A	2,5 A
Outlet pump consumption	25 A	15 A
Inlet pump (single system)	self-priming - diaphragm - capacity 8 lt/min	
Inlet electrovalve (centralized system)	direct drive - max 7 bar	
Outlet pump	vortex - capacity 350 lt/min	
Inlet pipe	internal diameter mm. 20	
Outlet pipe	internal diameter mm. 40	
Max head outlet	11 meters	
Max distance outlet	90 meters	

Advised pump features for centralized system (not supplied)				
PRESSURE	Minimum	1 bar	Maximum	3 bar
CAPACITY	Minimum	15 lt/min	Maximum	50 lt/min

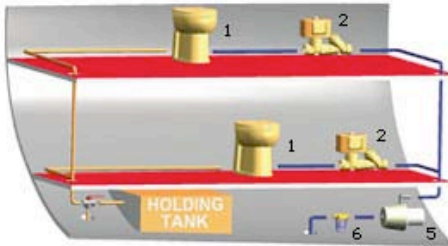
Marine water - Single system



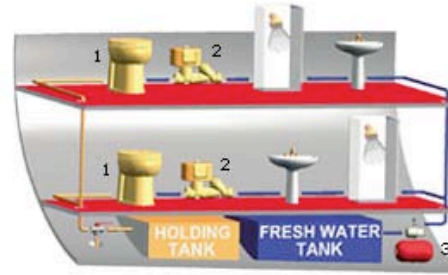
Marine water - Single system



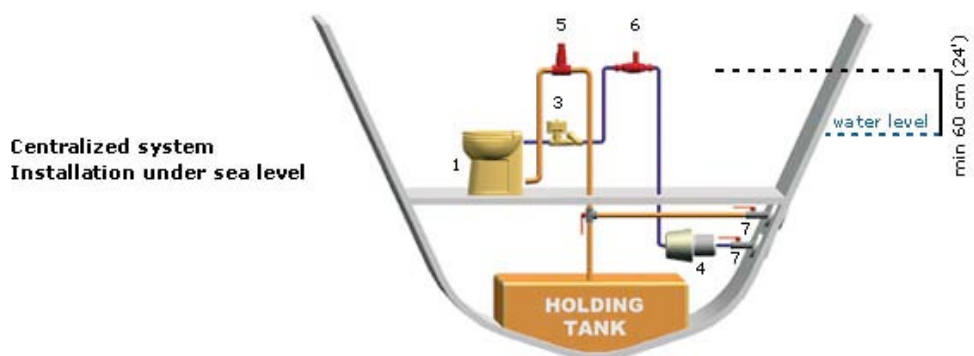
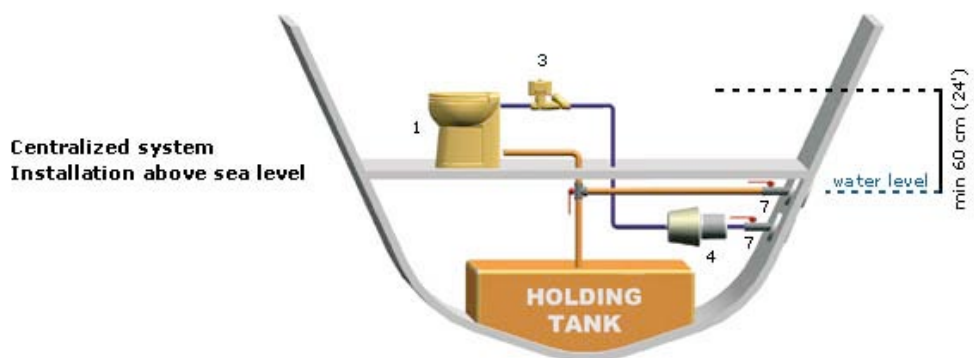
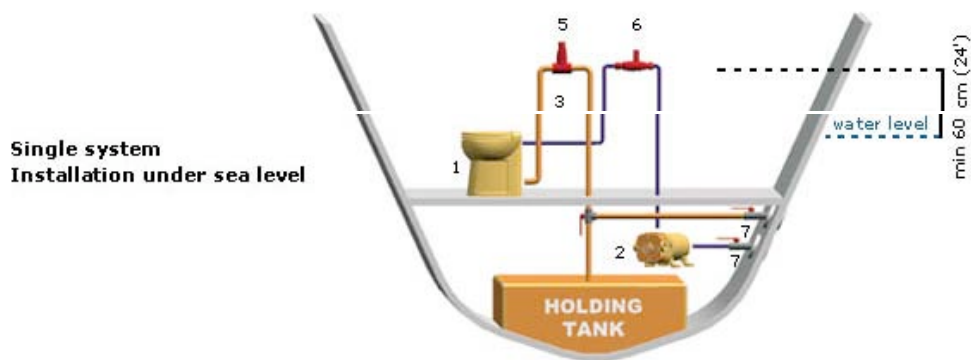
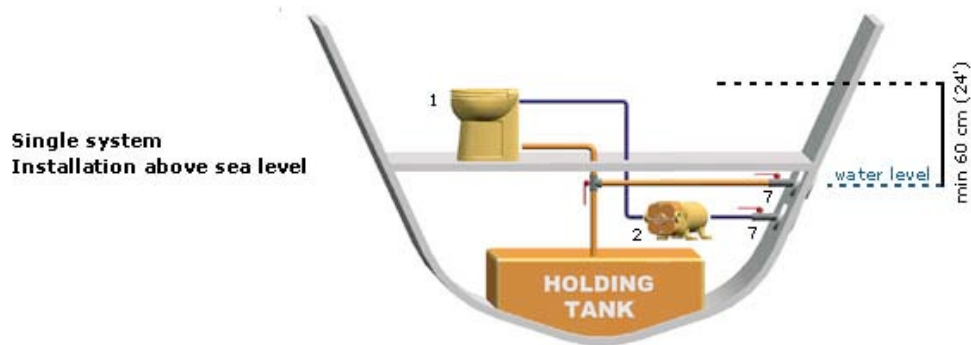
Marine water - Centralized system



Fresh water - Centralized system



- 1- BOWL
- 2- ELECTROVALVE WITH FILTER
- 3- FRESH WATER AUTOMATIC PRESSURE PUMP
- 4- SINGLE SYSTEM - MARINE WATER PUMP
- 5- CENTRALIZED SYSTEM - MARINE WATER PUMP
- 6- FILTER



- 1- BOWL
- 2- SINGLE SYSTEM - MARINE WATER PUMP
- 3- INLET ELECTROVALVE
- 4- CENTRALIZED SYSTEM - MARINE WATER PUMP
- 5- OUTLET VENTILATION VALVE
- 6- INLET VENTILATION VALVE
- 7- SAFETY HAND VALVE