

Sani-processor

Particularly on larger boats, owners often wish to install deluxe sanitary ware of their preferred style and colour; just like at home. In order to fulfil this requirement, VETUS has developed the Sani-Processor, with an electric macerator and a pump, so that an ordinary domestic toilet may be used on board. The Sani-Processor can be easily connected to a standard toilet, by means of Ø 102 mm (3/4") hose (with a minimum fall of 50 mm (3/8") per metre). When the toilet is flushed, the Sani-Processor will collect the contents, macerate them and pump the resultant slurry into a holding tank or directly overboard, through a hose of only Ø 19 mm (3/4"). The whole process takes between 10 and 30 seconds and works almost silently. In the unlikely event of a blockage, the unit can be easily cleaned by removing the inspection lid. The connecting hoses must be odour-tight and we recommend the use of VETUS sanitary hose, type SAHOSE.



Technical specifications

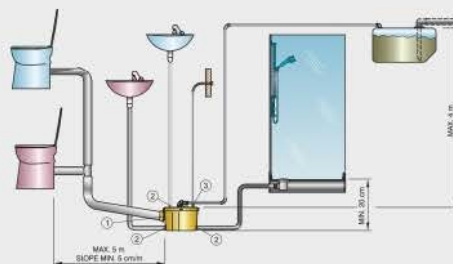
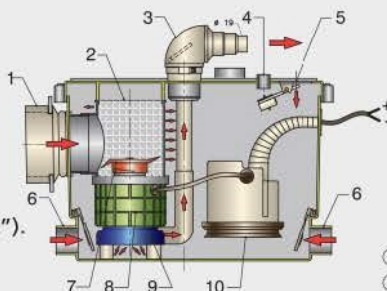
- Available for 12 or 24 Volt DC or 230 Volt/50 Hz or 120 Volt / 60 Hz.
- Macerator diameter: 98 mm (3 7/8").
- Nominal power consumption: approx. 370 W (12V), 435 W (24V), 580 W (110V), 400 W (230V).
- Dimensions: 420 (16 1/2") x 120 (4 3/4") x 360 (14 1/4") mm (l x w x h).
- Hose from toilet to Sani-Processor: Ø 102 mm (1"), maximum length 4 metres (16 ft).
- Hose from Sani-Processor to holding tank: Ø 19 mm (3/4"), maximum length 20 metres (66 ft).
- The holding tank may be maximum

- 4 metres (13 ft) higher than the Sani-Processor
- Washbasin/bidet connections: Ø 40 mm (1 1/16")
- Weight: 4.8 kg (10.5 lbs)
- Pump capacity: approx. 50 l/min (13.2 gal.) at 4 m (13 ft) head.

SAPRO12	Sani-processor	12 Volt
SAPRO24	Sani-processor	24 Volt
SAPRO220	Sani-processor	230 Volt 50 Hz
SAPRO110	Sani-processor	120 Volt 60 Hz

SAPRO

1. Toilet connection, Ø 102 mm (4").
2. Protective grille.
3. Waste discharge connections: male Ø 19 mm (3/4") o.d. and female Ø 25 (1") / 28 (1 1/8") / 32 mm (1 1/4") i.d.
4. Breather connection, Ø 19 mm (3/4").
5. Washbasin / bidet connection, Ø 40 mm (1 1/2").
6. Washbasin or shower connection, Ø 40 mm (1 1/2").
7. Cutter knife (macerator).
8. Electric macerator motor.
9. Discharge pump.
10. Float switch.



- ① Hose connection Ø 102 mm (4") (SLVBR100K)
- ② Hose connection Ø 40 mm (1 1/2") (SLVBR40K or HA3060)
- ③ Hose connection HA1338

In many boats it is impossible to achieve a natural fall from the shower tray or washbasin outlet into the waste water tank. In these cases, the Vetus grey water discharge system (GWDS) is the answer. The GWDS consists of a watertight housing with a discharge pump and automatic float switch. The pump produces very low noise. A non-return valve is fitted in the discharge line. The bottom of the GWDS assembly must be at least 6 cm (2 3/8") below the shower tray or washbasin outlet. The waste water tank can be located up to 4 metres (13ft) above the GWDS unit or up to 20 metres (66ft) away from it. Instead of pumping the waste water into the holding tank, it can of course also be discharged directly overboard. If the system becomes clogged, the housing cover can be easily removed to clear the blockage.



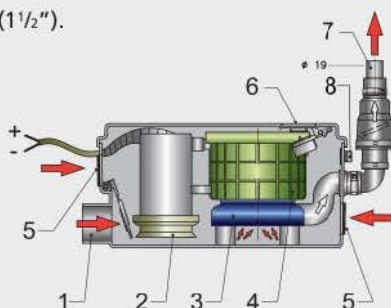
Technical specifications

- Available for 12 or 24 Volt DC or 230 Volt/50 Hz. or 120 Volt/60 Hz.
- Nominal power consumption: approx. 340 W (12V), 350 W (24V), 600 W (120V), 250 W (230V).
- Dimensions: 300 (11 7/8") x 165 (6 1/2") x 145 mm (5 3/4") (l x w x h)
- Pump output: Approx. 44 litres/min (11.6 gal.).
- Outlet discharge to holding tank: Ø 19 mm (3/4").

- Inlet connections from shower or washbasin: Ø 32 (1 1/4") or 40 mm (1 1/2").
- Weight: 3.5 kg.
- Maximum permissible water temperature: 35°C.

GWDS12	Grey water discharge system, 12 Volt
GWDS24	Grey water discharge system, 24 Volt
GWDS220	Grey water discharge system, 230 V, 50 Hz
GWDS110	Grey water discharge system, 120 V, 60 Hz

1. Shower or washbasin connection Ø 40 mm (1 1/2").
2. Float switch.
3. Discharge pump.
4. Electric motor.
5. Washbasin connection, Ø 32 (1 1/4") or 40 (1 1/2") mm.
6. Breather.
7. Waste water discharge connection: male Ø 19 mm (3/4") o.d.
8. Air conditioner connection, Ø 12 mm (1/2").



Hose connectors ① HA1338 and ② HA3060 are shown on page 131.

