

**GENERAL INFO:**

DEGREE OF PROTECTION:	IP 68
NUMBER OF INLETS	3 (caps supplied for not used inlets)
AVAILABLE VOLTAGES	12Vdc / 24Vdc / 230Vac—50Hz
ONE-WAY VALVE	Equipped

TECHNICAL SPECIFICATION			
Electric data:			
Voltage	12 Vdc	24 Vdc	230 Vac 50Hz
Amperage	22 A	10 A	2 A
Wire Gauge Up to 5mt (<15feet)	10mm2 6 AWG	4mm2 11AWG	0.75mm2 18AWG
Wire Gauge Over to 5mt (>15feet)	13mm2 6 AWG	6mm2 9AWG	1mm2 17AWG
Hydraulic performances:			
Hmax	4 mt		
Q max	80 l/min		

NOTE:

Data refers to the absorption at the height of 1.5mt.

Grey water transfer units work intermittently. The frequency of activation is proportional to flow and head of discharge. Therefore the effective power consumption in Ah may change.

ADD PROPER FUSE

FURTHER USEFUL DATA

CAPACITY OF MAIN APPLIANCES

- Wash Basin\Bidet: 12 l/min (approximately, it depends on water pressure and type of faucet. With regards to faucets there is a specific European Norm whom manufacturers comply with).
- Shower: 12 l/min (see notes above).
- Bath tub (drainage): 60 l/min.
- Bath tub cm 170x70 – max capacity: 150 l (with no person in it).

ADVICES TO DESIGN THE HYDRAULIC SYSTEM:

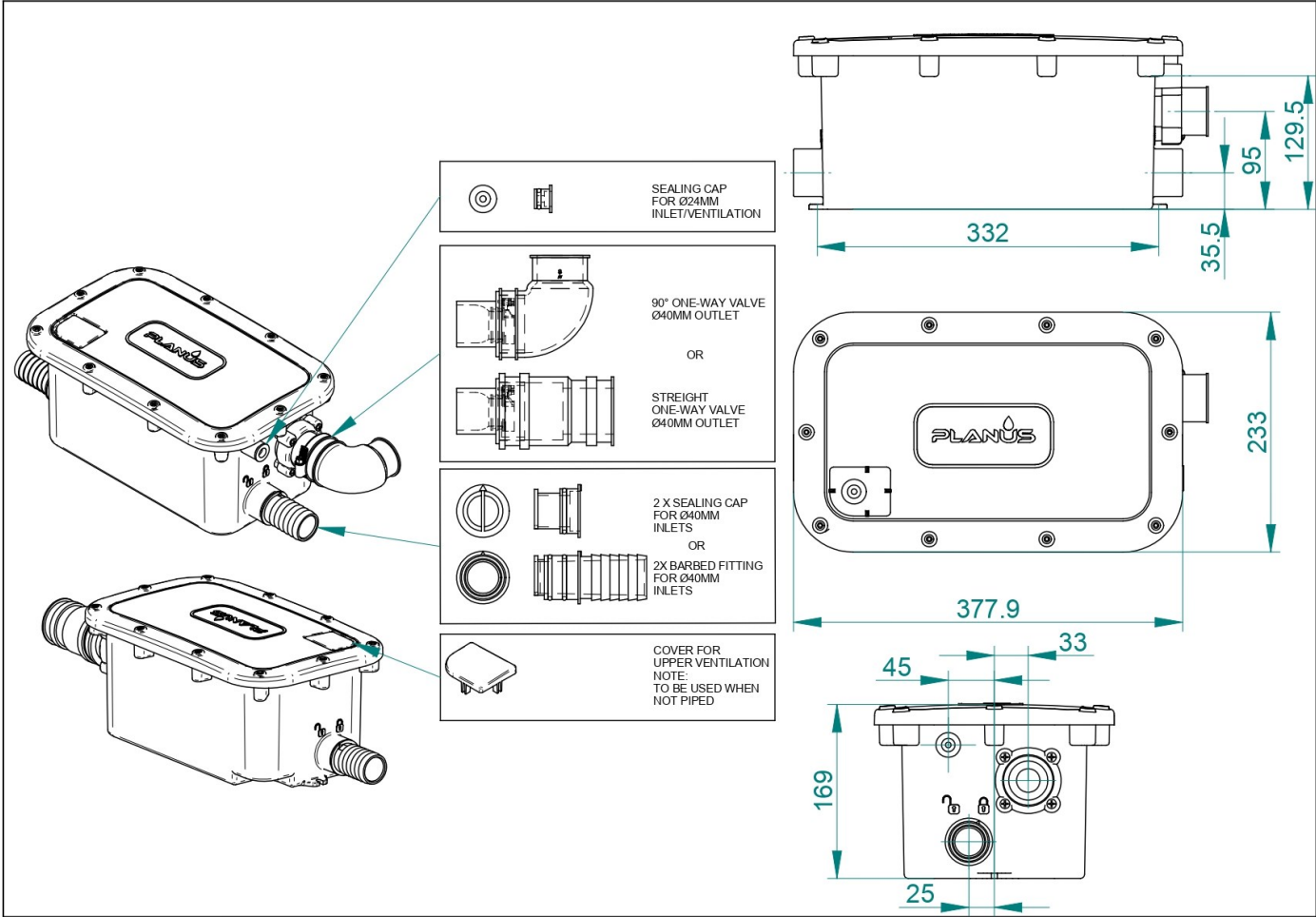
1. Estimate how many units is advisable to install, considering the total capacity (increased by 30% for reliability reasons) of all appliances connected to it, as they could simultaneously discharge.
2. Ensure that in every possible conditions of navigation all connected appliances can easily discharge for gravity into the unit without any problem.
3. The predisposed discharge pipe must be as short and linear as possible, since, besides the height to be reached by water (head discharge), also the presence of 90° elbows and fittings, and section of the discharge pipe, reduce the outlet pump instantaneous capacity (l/min), due to their resistance to water flow that causes further losses of performances.

CONNECTIONS

Hydraulic Connections

Inlet	2 x Hose with ID of 40 mm (3/4") 1 x Hose with ID of 24 mm NOTE: if required to connect the ventilation and there is no space to connect a hose above the unit, is possible to close the upper ventilation with the supplied cap and use the side 24mm inlet to connect a ventilation pipe
Outlet	Hose with ID of 40 mm (1/2") NOTE: a pair of straight and 90° couplings are supplied for the outlet

DIMENSIONS



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