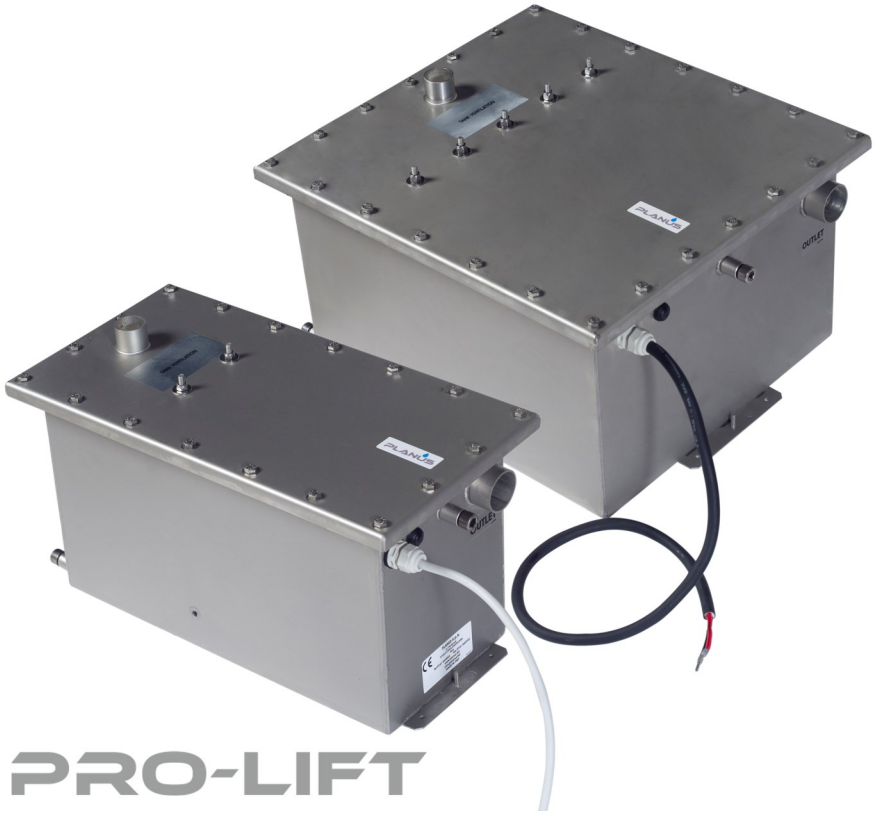
TECHNICAL SPECS PRO-LIFT RANGE



INFO	
EXTERNAL CASE:	STAINLESS STEEL AISI 316
DEGREE OF PROTECTION:	IP67 (WATERPROOF)
PATENT:	**RM2010U000076**
COMPLIANT TO:	MARINE ISO 8846 ; EN 28846

TECHNICAL SPECIFICATION OF THE MAIN COMPONENTS				
Vortex Pump (MONO version)				
Hydraulic performances: H: 4 mt— Q: 70 l/min H: 1,5 mt— Q: 100 l/min	Voltage	12 Vdc	24 Vdc	230 Vac
	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
	Absorption	22 A	10 A	3 A
Double Vortex Pump (TWIN version)				
Hydraulic performances: H: 4 mt— Q: 100 l/min H: 1,5 mt— Q: 150 l/min	Voltage	12 Vdc	24 Vdc	230 Vac
	Wire Gauge Up to 5mt (<15feet)	16mm2 5 AWG	13mm2 6AWG	1,5mm2 15AWG
	Wire Gauge Over to 5mt (>15feet)	20mm2 4 AWG	17mm2 5AWG	2mm2 14AWG
	Absorption	44 A	20 A	6 A

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 consuption in Ah may change.

ADD PROPER FUSE

MAX Discharge pressure 0.9 bar (9m)

Up to 80 m

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 what kind of Pro-Lift 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 Pro-Lift tank without

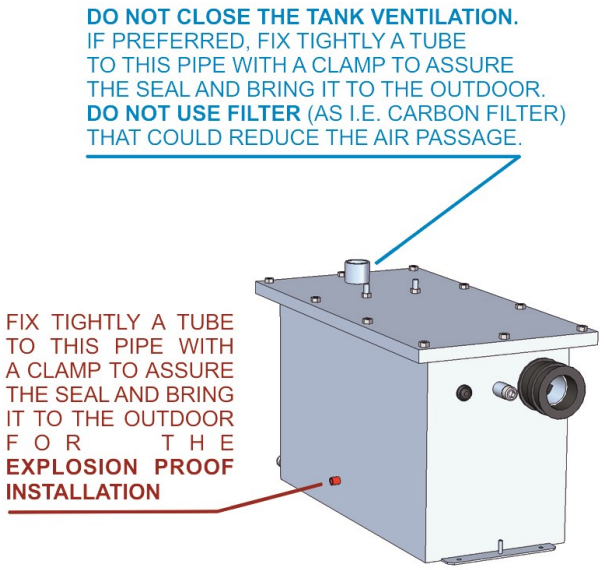
any problem.

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 many 90° elbows, several fittings, and dimensions (40 mm) of the discharge pipe at the bottom of the Pro-Lift, slightly reduce the outlet

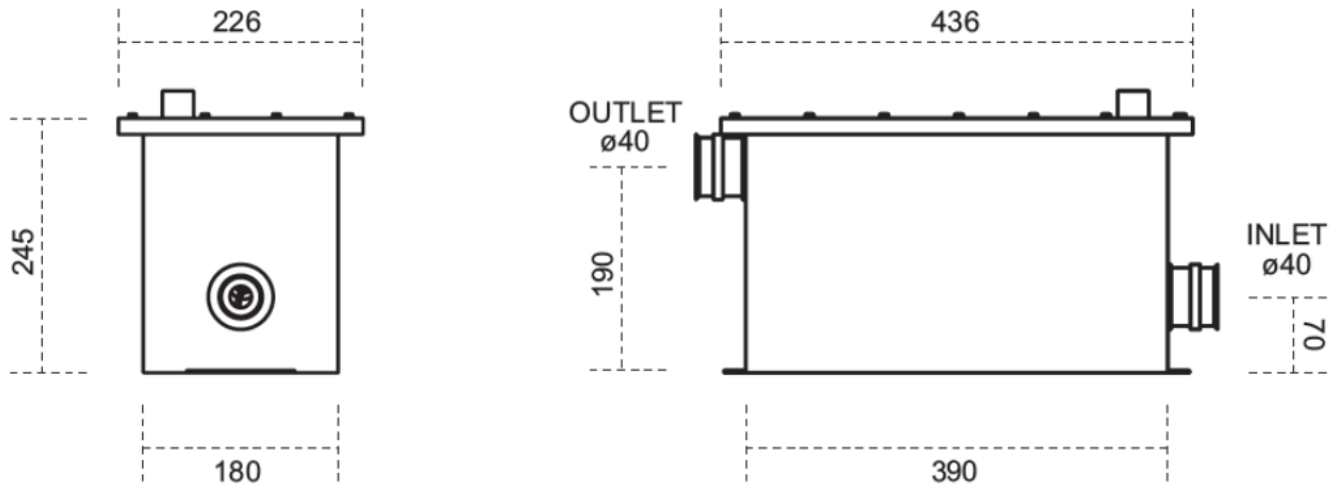
pump instantaneous capacity (l/min), due to their resistance to water flow that causes further losses of performances.

CONNECTIONS	
Hydraulic Connections	
Inlet	Hose with ID of 40 mm (3/4")
Outlet	Hose with ID of 40 mm (1/2")

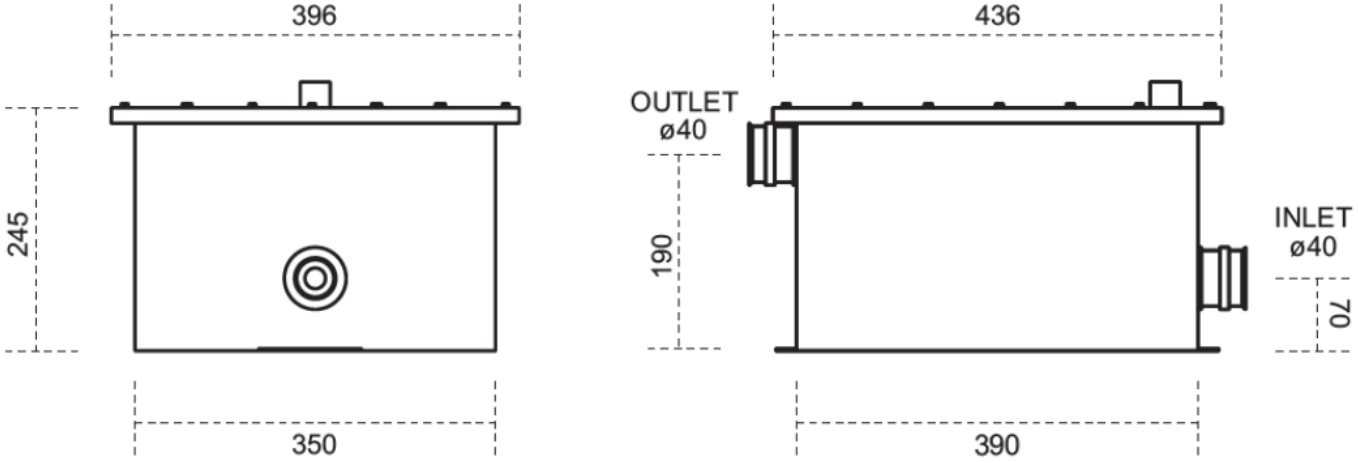


DIMENSIONS

MONO VERSION



TWIN VERSION



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