

FILTRATION TANK COMPOSE IT™



GENERAL OVERVIEW

Physical filtration tank adapted for **applications of water treatment** for drilling water, swimming pool water, community water, industrial water and recreational water.

Tanks from 60 to 450 liters: Pipe fittings from DN 32 (1"¼) to DN 65 (2"½)
Working pressure 8 bar: hydraulic pressure test: 12 bar; burst pressure > 30 bar
 Compliant with the European Pressure Equipment Directive 2014/68/EU

Extreme lifetime

Easy to disassemble for a quick access

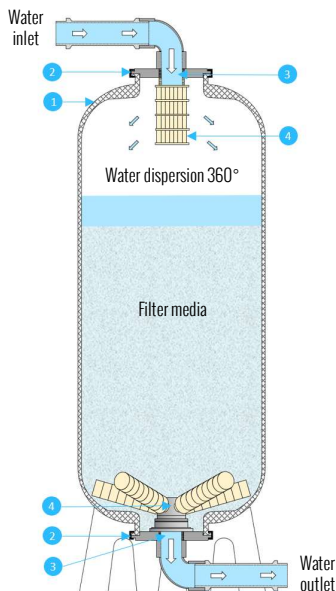
Customisation of pipe fittings and accessories (Strainers)

Ultra Light tanks

Tank warranty : 10 years

Accessories warranty : 2 years

ADVANTAGES



1 Extreme lifetime

Tank warranty 10 years. Maintenance free. Patented Compose It™ technology for an improved mechanical resistance. Composite monolithic structure without any welded part, raw materials selected for their extreme durability (High fatigue resistance to cycling, 100% corrosion free).

2 Easy to disassemble and to access

Wide openings diameter of 160 mm with upper and lower PVC lids fixed with stainless steel clamp easy to disassemble allowing a quick access inside of the tank.

3 Customisation of pipe fittings

Various pipes fittings are available on the upper and lower PVC openings from DN32 (1"¼) to DN65 (2"½).

4 Customisation of accessories

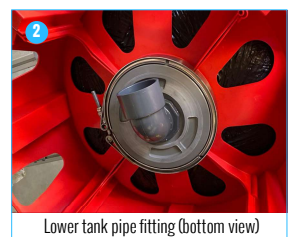
Various strainers models of water dispersion are available (4¹) for a homogenous 360° water distribution in order to maximise the filtration rate.
 Various star strainers models (4²) are available to collect the filtrated water.
 The strainers (4¹) and (4²) are easily accessible thanks to the removable lids (160 mm diam.)



Water distribution strainer fixed on the tank upper lid



Star strainer to collect filtrated water fixed on the tank lower lid (inside view)



Lower tank pipe fitting (bottom view)

FILTRATION TANK COMPOSE IT™

SPECIFICATIONS

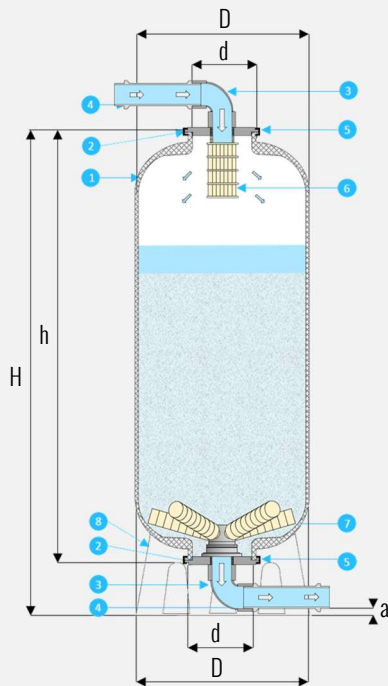
Tanks	Volume (Liters)	Weight* (kg)	Dimensions* (mm)				
			H	h	D	d	a
Filtration tank 60 liters	60	9,9	650	555	460	160	13
Filtration tank 115 liters	115	12,9	975	880	460	160	13
Filtration tank 150 liters	150	14,8	1 220	1110	460	160	13
Filtration tank 230 liters	230	19,8	1 070	910	610	160	13
Filtration tank 300 liters	300	22,8	1 315	1200	610	160	13
Filtration tank 450 liters	450	32,6	1 825	1710	610	160	13

Minimum operating temperature of 1 °C, Maximum operating temperature of 50 °C. Maximum working pressure of 8 bar.

Filtration tanks in accordance with the European Pressure Equipment Directive 2014/68 / EU

* Diameter, height and weight are subject to change without previous notice

DESCRIPTION



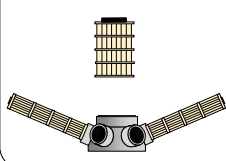
- 1 Tank in recyclable thermoplastic composite materials reinforced with glass fibers (monolithic structure with improved mechanical properties) with an extreme lifetime, high fatigue resistance to cycling and 100% corrosion free
Tank compliant with chemical agents, aggressive and saline waters
- 2 Wide top opening of 160 mm. PVC lid diam. 160 mm with pipe fitting up to DN 65 (2"1/2)
- 3 PVC pipe fitting up to DN 65 (2"1/2), elbow or Tee
- 4 Male PVC tube up to DN 65 (2"1/2)
- 5 Stainless steel clamp fixed with a nut, simple and quick to use
- 6 Upper strainer for water dispersion in the tank, female fitting up to DN 65 (2"1/2)
- 7 Lower star strainer for filtrated water recovery, female fitting up to DN 65 (2"1/2)
- 8 Reinforced PVC support

OPTIONS

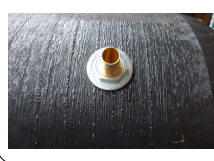
Fittings customisation
(number and diameter)



Accessories selection
(Strainers in option)



Side hole on request



Alternative configurations
available on request