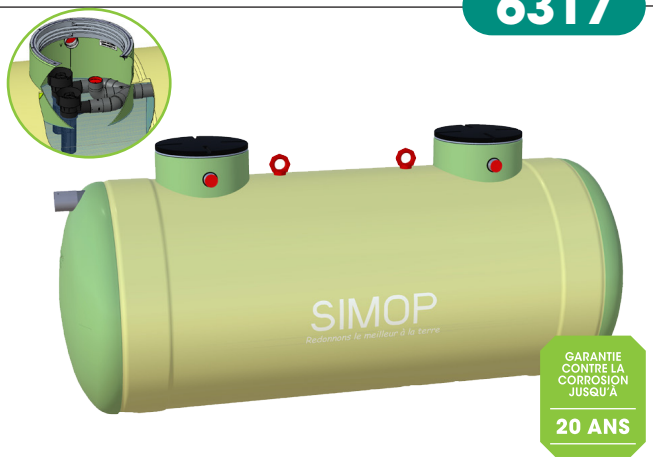
1.ALL WATER TANK
FROM 10 TO 80 M³
POLYESTER (GRP)

SIMOP
EQUIPEMENTS POUR L'ENVIRONNEMENT

Redonnons le meilleur à la terre

6317



1 Technical definition

An all-water tank is a pre-treatment structure designed to collect and partially liquefy pollutants contained in wastewater, and to retain solid matter and floating waste. It receives all domestic wastewater (excluding rainwater and swimming pool water...).

A complete wastewater treatment system consists of an all-water tank followed by a treatment system (sand filter, spreading network...). The interministerial decree of July 21, 2015 stipulates that all-water tanks can be used in non-collective sanitation to treat domestic wastewater from non-connected buildings, scattered dwellings, hotels, vacation camps, campgrounds, etc. Each case must be studied individually. We therefore advise you to seek the advice of the competent authorities in the area of installation (town hall, DDE, DDASS, Prefecture, SPANC...), who will help you with the necessary procedures.

To determine which device to use, consider :

- Average water consumption in the region of installation

- Building occupancy (permanent, semi-permanent, intermittent users).

2 Functioning

Wastewater is collected in the all-water tank. The suspended solids settle and ferment. Over time, the volume of sludge decreases and stabilizes. Grease is trapped on the surface, slowly hydrolyzing and forming the "cap".

IMPORTANT the larger the all-water tank, the greater the space reserved for the sludge, and the more efficient the digestion.

3 Maintenance

Emptying is necessary when the volume of sludge reaches 50% of the useful volume of the pit.

After each draining, immediately put the unit back into water under the supervision of the drainer. Do not drain units during periods of heavy rainfall.

4 Installation

Please refer to our website for current documents.

5 Sizing

The purification capacities of SIMOP FTEs take two criteria into account:

- sludge storage volume

- the admissible flow rate

These criteria enabled SIMOP to characterize the type of tank best suited to the need, based on daily flow rates on the one hand, and peak flow rates on the other.

To simplify the choice of an all-water tank for use in independent sanitation for grouped housing, the following table gives the average volume of tanks according to the population connected.

The sizing basis is 150 L of water per day per permanent user (circular 97-49 of May 22, 1997).

* For optimum operation of the anaerobic treatment (see "OPERATION" paragraph), around a daily flow rate of 10m3/d (i.e. <75 p.e. to 150 L p.e.), the residence time applied varies from 3 days to 2 days.

For non-permanent use, consult our Engineering Department.

Useful volume	PE (Population Equivalent)
10 m³	22
12 m³	26
15 m³	33
17 m³	37
20 m³	44
25 m³	60
30 m³	75
35 m³	115
40 m³	130
45 m³	140
50 m³	165
55 m³	175
60 m³	200
80 m³	267
90 m³	300
100 m³	335

* **NOTE** for FTE > 25 m³pre-filters can be ordered as an option and are then factory-fitted.

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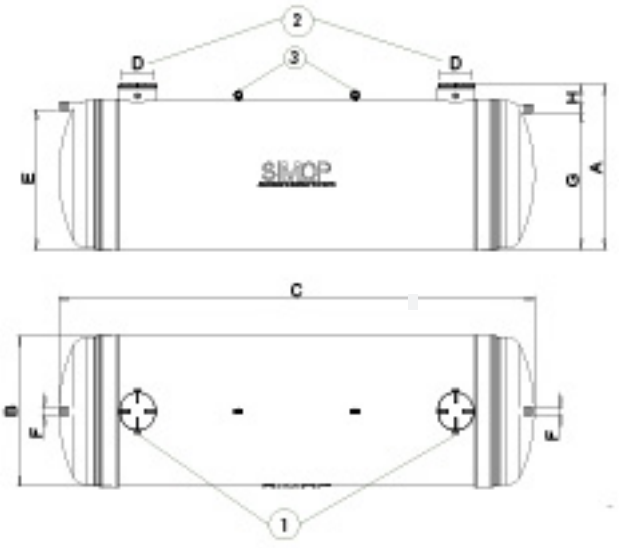
ALL WATER PITS

FROM 10 TO 80 M³

POLYESTER (GRP)

6317

Reference	Dimensions in mm										
	A	Ø B	C	Ø D	E	Ø F	G	H	Useful volume (m3)	Weight in kg	No. of pre-filters
FTE3/6317/10	2210	1914	4618	600	1710	160	1660	550	10	563	2
FTE3/6317/12			5408						12	635	
FTE3/6317/15			6528						15	727	
FTE3/6317/17			7288						17	894	
FTE3/6317/20	2584	2314	5392		2110		2060		20	727	
FTE3/6317/25			6662						25	846	
FTE3/6317/30			7942						30	1108	
FTE3/6317/35			9222						35	1228	
FTE3/6317/40			10502						40	1490	
FTE3/6317/45			11782						45	1610	
FTE3/6317/50			13062						50	1871	
FTE3/6317/55			14342						55	1991	
FTE3/6317/60			15622						60	2111	
FTE3/6317/65			16902						65	2372	
FTE3/6317/70-30	3320	3024	10159		2808		2758	562	70	2452	
FTE3/6317/80			12147						80	2912	
FTE3/6317/90			14141						90	3373	
FTE3/6317/100			16456						100	3908	



1. Ventilation ø 100
2. Two lockable lids
3. Handling rings

6 Options

Reference	Dimensions FT				
	Anchoring belt		Suction		Extension
	No	Ref.	No	Ref.	
FTE3/6317/10	2	CA3/6394/10T	2	OD3/1900	RH602
FTE3/6317/12					
FTE3/6317/15					
FTE3/6317/17	3			OD3/2300	
FTE3/6317/20					
FTE3/6317/25					
FTE3/6317/30	4				
FTE3/6317/35					
FTE3/6317/40	5				
FTE3/6317/45					
FTE3/6317/50	6				
FTE3/6317/55	7				
FTE3/6317/60	8				
FTE3/6317/65					
FTE3/6317/70-30				OD3/300	
FTE3/6317/80	9				
FTE3/6317/90	11				
FTE3/6317/100	12				