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SEPTIC TANK

ECODEPUR[®] FS

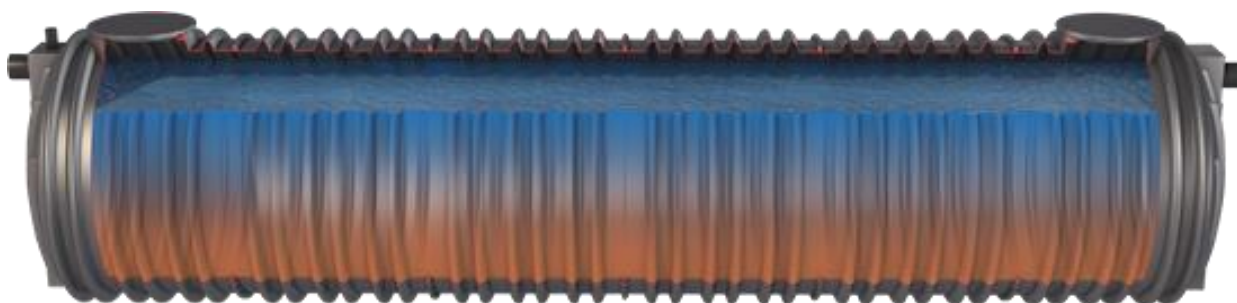
SEPTIC TANK ECODEPUR® FS

Septic Tank ECODEPUR® FS is an equipment that allows domestic, or similar, wastewater treatment, and incorporates a primary settling tank and anaerobic digester.

Septic Tank ECODEPUR® FS has CE marking, in accordance with the legal obligations that stems from the entry into force of the Regulation (UE) N.º 305/2011 of Construction Products, fulfilling all the requisites of the European Standard EN 12566-1.

ADVANTAGES

- CE MARKING EN 12566-1, Standard applicable up to 50 inhabitants, FS VT10 and FS VT15.
- High mechanical resistance and corrosion protection;
- Light and easy to install and maintain;
- Adequate ventilation prevents unpleasant odors;
- Fully watertight (due to the construction materials, there are no leaks in the walls, in contrast with the traditional concrete systems);
- Without energy consumption.



APPLICATION

- Habitations;
- Condominiums;
- Small tourist complexes;
- Temporary Camps;
- Schools;
- Restaurants and bars;
- Canteens;
- Athletic complexes;
- Camping, between others.

MAIN CHARACTERISTICS

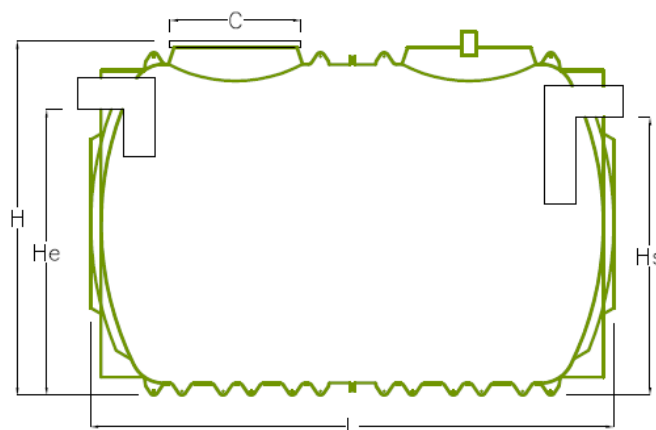
- Manufactured in additive polyethylene anti-UV, by rotomoulding system, which confer elevated mechanical resistance and corrosion protection;
- Polyethylene cover;
- Null visual impact (Underground Installation).

OPERATION

The working process of Septic Tank ECODEPUR® FS is divided in two different stages:

- Settling: Sludge settling allows liquid/solid phase separation;
- Anaerobic digester: sludge's suffer anaerobic digestion, occurring the mineralization of organic matter.

DIMENSIONS

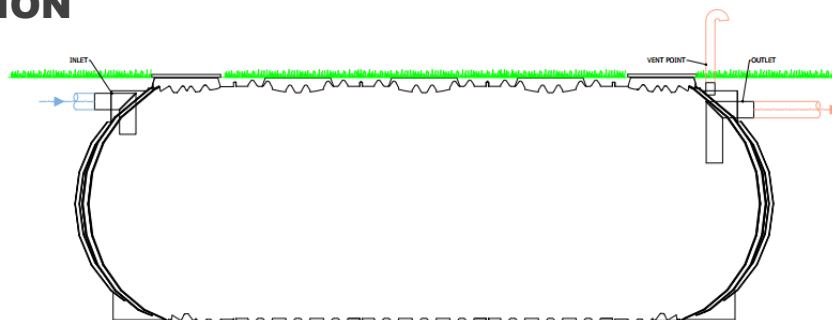


OPTION
AIR FILTER
ECODEPUR® AIR FILTER

TYPE	VOLUME TOTAL (L)	Ø (mm)	L (mm)	H (mm)	He (mm)	Hs (mm)	Ø PIPE (mm)	C (mm)	WEIGHT (kg)
⊕ FS VT10	10.000	2.190	3.440	2.265	1.800	1.750	200	790	450
⊕ FS VT15	15.000	2.190	4.980	2.265	1.800	1.750	200	790	650
FS VT20	20.000	2.190	6.520	2.265	1.800	1.750	200	790	800
FS VT25	25.000	2.190	8.060	2.265	1.800	1.750	200	790	1.000
FS VT30	30.000	2.190	9.600	2.265	1.800	1.750	200	790	1.200
FS VT35	35.000	2.190	11.140	2.265	1.800	1.750	200	790	1.400
FS VT40	40.000	2.190	12.680	2.265	1.800	1.750	200	790	1.600
FS VT45	45.000	2.190	14.220	2.265	1.800	1.750	200	790	1.800
FS MRVT50	50.000	2.980	8.520	3.050	2.620	2.520	200	790	2.150
FS MRVT60	60.000	2.980	10.060	3.050	2.620	2.520	200	790	2.550
FS MRVT70	70.000	2.980	11.600	3.050	2.620	2.520	200	790	2.950
FS MRVT80	80.000	2.980	13.140	3.050	2.620	2.520	200	790	3.350
FS MRVT90	90.000	2.980	14.680	3.050	2.620	2.520	200	790	3.750
FS MRVT100	100.000	2.980	16.220	3.050	2.620	2.520	200	790	4.150
FS MRVT110	110.000	2.980	17.760	3.050	2.620	2.520	200	790	4.550
FS MRVT120	120.000	2.980	19.300	3.050	2.620	2.520	200	790	4.950

The pictures and dimensions can be changed without notice.
The CE 12566 - 1 Standard applicable up to 50 inhabitants, FS VT10 and FS VT15
The dimensions indicated have a tolerance of ± 2%.

INSTALLATION



ECODEPUR® FS installation must follow the recommendations of the document supplied Installation PE Reactors/Tanks.

Connection of the ventilation pipe is highly recommended. The location of the point of discharge of the gaseous by-products, resulting from the purification process, must take into account the specific conditions of the installation (correct ventilation will prevent the formation of permanent unpleasant odours). It is not advisable to leave the piping near windows, terraces and regularly frequented places. The effluent must be properly sent to an infiltration system.

In case of any doubt do not hesitate to contact our technical services.

MAINTENANCE

Due to the high mechanical resistance and corrosion protection of the materials, the maintenance of this device only needs a periodical cleaning of the sludges by a specialized company.

In order to assess the need for cleaning suggest the inspection system 1 to 2 times per year. The sludge deposited on the bottom should not exceed 50% of the equipment volume.

When proceeding to the removal of deposited sludge should be left about 5 to 10% of the cumulative volume to ensure the maintenance of microbiological levels that guarantee a rapid start of the anaerobic digestion processes. After cleaning and disposal the equipment should be filled with clean water.

The septic tank inspection is carried out through the manhole by specialized personnel, duly equipped with rubber boots, gloves, mask, etc. The manhole must be open at least 30 minutes before any intervention in order to allow good ventilation and the complete exhaust of potential toxic gases retained. During the cleaning operation of the septic tank smoking must be strictly forbidden. All tasks must be made by a minimum of two workers, being one of them in charge of works supervision assuring readiness to assist in case of any emergency.

GUARANTEE

Five (5) years, covering any manufacturing defects.

ECODEPUR® will not be responsible if there are clear indications of poor installation, misuse or poor maintenance, or if it is shown that the equipment was overloaded.

CONTACTS

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WATER AND WASTEWATER TECHNOLOGIES

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