

**Premier Aqua**

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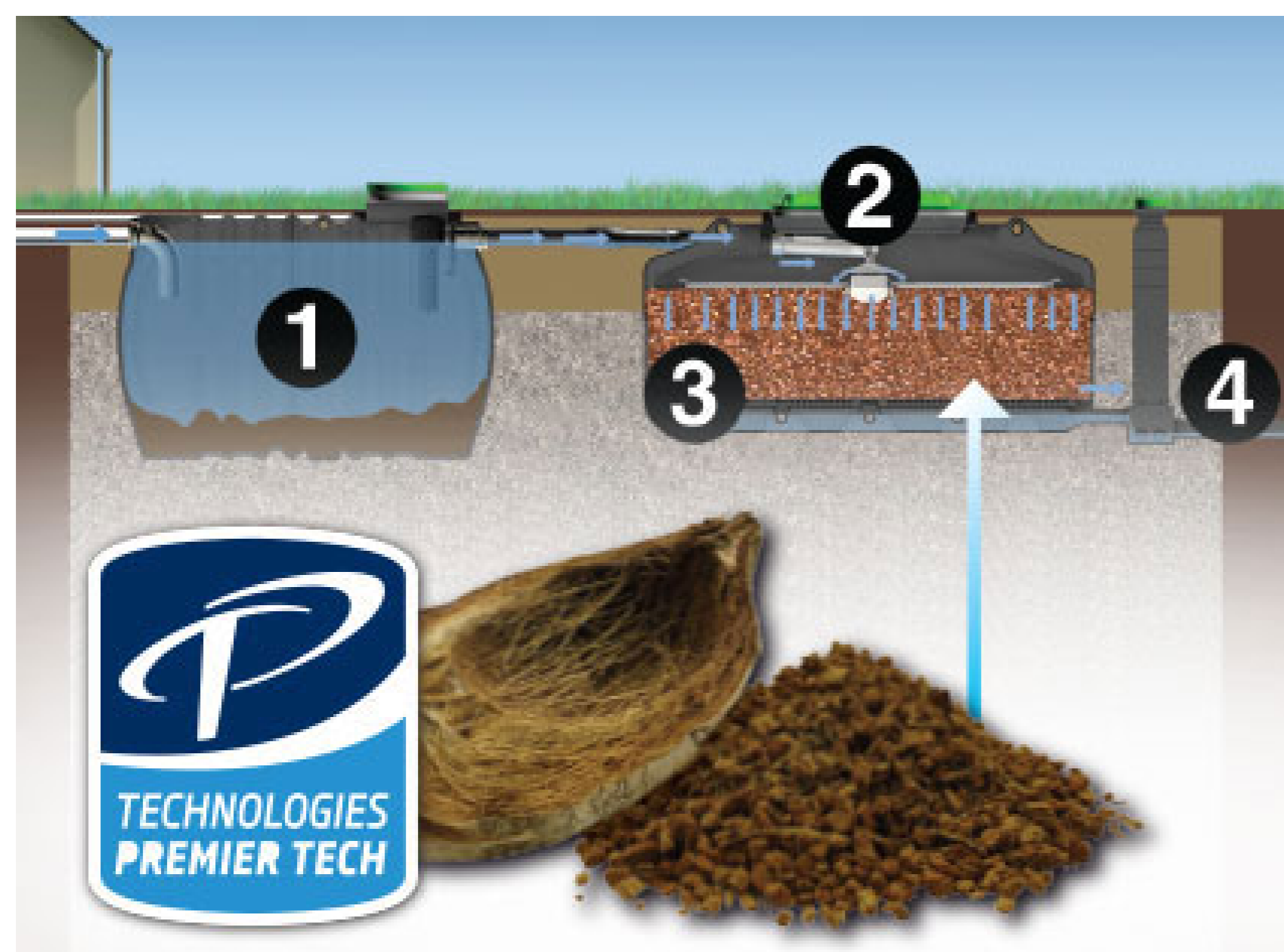
## ECOFLO® - COMPACT COCONUT FILTER

### Description and characteristics:

Ecoflo® Compact Coconut Filter solutions are designed to treat household effluent with individual sanitation with high-efficiency. After pre-treatment in the septic tank, the wastewater is treated through the Premier Tech Compact Coconut Filter.

**Ready-to-install, Ecoflo® solutions are compact, environmentally-friendly (made of organic, vegetable and reusable filter), low-maintenance and durable. They consume no energy, adapt easily to all types of outdoor areas and require no treatment adjustments.**

**Offering high-performance, the filtering medium using coconut shell fragments is the corner stone of our technology (European Patent assigned to 19-09-2003, number EP1539325B1).**



- 1 - Tank with Premier Tech pre-filter
- 2 - Premier Tech Compact Coco Filter
- 3 - Filtration element (Coconut shell fragments)
- 4 - Treated effluent outlet

Equipment certified under EN 12566-3 - EC mark

### Cutting-edge individual sanitation technology

The patented filtration element, made of coconut shell fragments, was developed by the Premier Tech technical and scientific team. For over 20 years, our research team has been developing the best filtration elements for sanitation available in the industry.

After multiple long-term laboratory and field tests, coconut shell fragments were chosen for their high purification capacity and long life.

Ecoflo® Compact Coconut Filters use a patented effluent feed and ventilation process in which calibrated coconut shell fragments act as small sponges with high absorption capacity (5 times greater than sand) and a large biologically active specific contact surface area. This ecological filtering element ensures that bacteria can cluster to provide a high-level of purification in a small volume and under all conditions.

## Average result(\*) of the Premier Tech Compact Coconut filter

Parameters	Treated effluent (Outlet)	Decree-Low 152/97
SST (mg/l)	13(1) (96,4%)	35
CBO5 (mg/l)	10(1) (97%)	25
CBO5 (mg/l)	11(2) (97%)	25

(\*) Tests on effluent at concentrations of 361 (1) and mg/l TSS, 310(1) mg/l CBO5

(1) Average of 26 samples taken in accordance with the requirements of Stand EN 12566-3

(2) Average of 16 samples of more concentrated effluent taken in accordance with the requirements of Standard EN 12566-3

## Septic Tank with PF17 - Compact Coconut Filter

HE	Ref.	Vol. (L)	Length (mm)	Diam. (mm)	Height (mm)	Lid (mm)	Tub. (mm)	HE	Qt.	Ref.	Diam. (mm)	Length (mm)	Height (mm)
5	FHC2000	2000	1725	1510	1630	ø400	ø110	5	1	ECOFLO5HE	2750	1210	1410
6	FHC2000	2000	1725	1510	1630	ø400	ø110	6	1	ECOFLO6HE	3320	1210	1410
10	FHC3000	3000	2375	1210	1630	ø400	ø110	10	2	ECOFLO5HE	2750	2920	1410
12	FHC5000	5000	2210	1840	1630	ø400	ø110	12	2	ECOFLO6HE	3320	2920	1410
15	FHC5000	5000	2210	1840	1630	ø400	ø110	15	3	ECOFLO5HE	2750	4630	1410
18	FHC5000	5000	2210	1840	1630	ø400	ø110	18	3	ECOFLO6HE	3320	4630	1410

## Advantages

Easy installation and compact (8 m2 per 5 HE).

Low sludge production (tank is cleaned every 3-4 years and the filter every 10 years (depending on use)).

Outlet at bottom or top (with pump).

No equipment subject to failure.

SSupports load variations (suitable for main or secondary homes).

Odor-free treatment.

No energy required for treatment.

No treatment adjustments required.

Natural, renewable and recyclable filter element.

Complies with Standard EN 12566-3

### 2 to 3 channel distributors



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