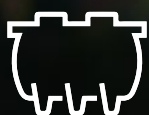




TRICEL
GENERATIONS OF INNOVATION

COMPACT FILTER FILTRO



**Single
tank unit**
up to 15 EH



20 Year
guarantee
on the GRP
structure *



Zero
electricity
consumption



Coconut fibre
ecological, natural
and sustainable



Suitable for
**primary and
secondary
residences**



**2 factories in
France**

* Conditions available on tricel.fr

How the **Tricel Filtro** compact filter works

The Tricel Filtro compact filter efficiently treats domestic and similar wastewater. It is designed for both continuous use in primary residences and occasional use in secondary residences, among other applications, and subject to validation by a site assessment, for hotels, campsites, groups of dwellings, etc.

The underlying technology ensures outstanding reliability for users while reducing maintenance costs to an absolute minimum.

The Tricel Filtro range of compact filters is available in two versions:

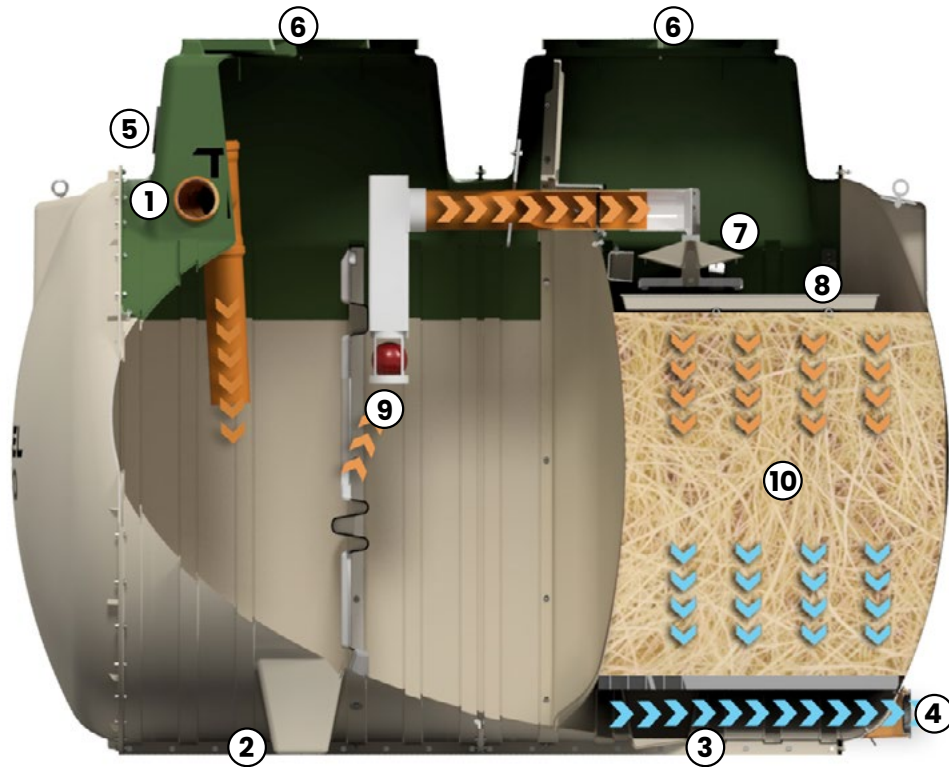
- Compact Filter Tricel Filtro gravity, with ministerial approval (agrément) for up to 18 PE.
- Compact Filter Tricel Filtro pumped, with ministerial approval (agrément) for up to 18 PE.

The Tricel Filtro compact filter is a single-tank unit with two compartments (except for the 18EH model): a primary settling compartment, for primary wastewater treatment, and a filter bed compartment, for secondary treatment.

The system requires no electricity for wastewater treatment. If the site requires it, a high outlet (with a pump chamber) is available.



An “all-in-one” system that ensures an optimal wastewater treatment in two phases.



- ① Effluent inlet
- ② Primary settling compartment
- ③ Filter bed compartment
- ④ Low-level outlet for treated water (high-level outlet option also available)
- ⑤ Secondary ventilation

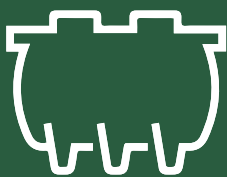
- ⑥ Access covers
- ⑦ Tipping bucket
- ⑧ Dispersion tray
- ⑨ Pre-filter
- ⑩ Coconut fibre

1st phase: primary treatment

The septic tank (primary settling compartment) where solid matter settles before the effluent passes through a pre-filter.

2nd phase: secondary treatment

Filtration (filter bed compartment) where pre-treated effluent is spread evenly over coconut fibre and undergoes physical and biological filtration, thanks to the aerobic bacterial flora naturally present.



SIMPLE

Single tank up to 15 PE with low or high outlet



ROBUST

GRP tank: Glass Reinforced Polymer



RELIABLE

Guaranteed treatment performance **

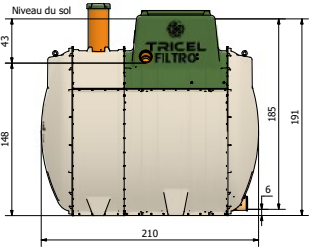
** subject to maintenance and use – see manual.

Tricel Filtro		FILTRO 4	FILTRO 5	FILTRO 7	FILTRO 10	FILTRO 12	FILTRO 15	FILTRO 18 ⁽²⁾
Ministerial approval (agrément) number Gravity		2024-009-ext01	2024-009	2024-009-ext02	2024-009-ext03	2024-009-ext04	2024-009-ext05	2024-009-ext06
Ministerial approval (agrément) number Pumped		2024-011-ext01	2024-011	2024-011-ext02	2024-011-ext03	2024-011-ext04	2024-011-ext05	2024-011-ext06
Treatment Capacity and number of inhabitants ⁽¹⁾	PE	4	5	7	10	12	15	18
Volume of the septic tank compartment	l	2200	2800	3500	4700	6600	6900	Tank A 8124 Tank B 9930 Tank C 11740
Total length low / high output	cm	210/265	260/315	360/415	460/515	560/615	660/715	Tank A 820/875 Tank B 920/975 Tank C 1020/1075
Total width	cm	164						
Total height	cm	199						199+224
Height from base to ground level	cm	191						191+216
Inlet/outlet diameter (low/high)	mm	ø100 / (ø100/ ø40)						
Distance between inlet invert and base	cm	148						
Distance between ground level and inlet invert	cm	43						
Max. distance between ground level to inlet invert	cm	93						
Height of the risers available	cm	25-50						
Tank weight	kg	390/440	490/540	680/730	900/950	1090/1140	1260/1310	A 420+900/950 B 520+900/950 C 610+900/950

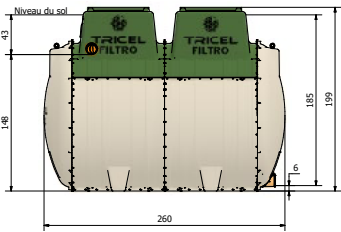
(1) The “treatment capacity and number of inhabitants” of a system is its reported treatment capacity in EH/PEs (Population Equivalent). This system is suitable for treating the effluent from any dwelling with a number of main rooms less than or equal to this number of PE. For example, a Tricel Filtro FR5 can treat wastewater from any home with 5 or fewer main rooms.

(2) As the Filtro 18 is made up of two separate tanks, Tricel offers different sizes of septic tanks. Contact your local partner for more information.

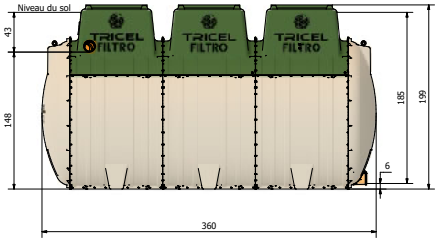
Filtro 4



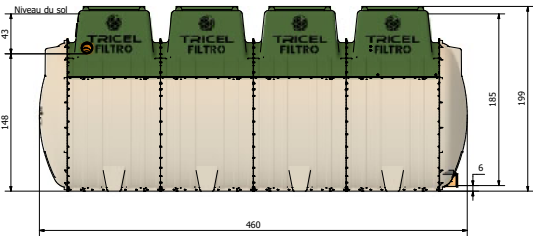
Filtro 5



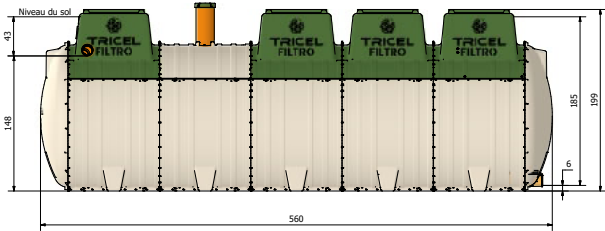
Filtro 7



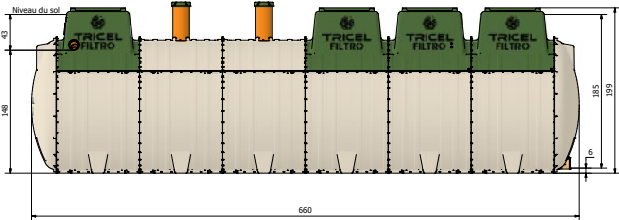
Filtro 10



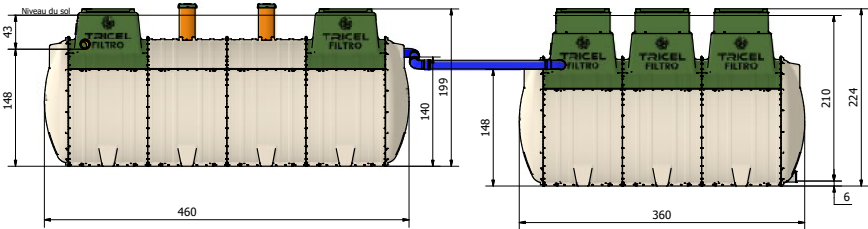
Filtro 12



Filtro 15



Filtro 18



WHY CHOOSE **TRICEL FILTRO**?

A natural filter media

This fibrous component of the coconut offers exceptional technical performance while maintaining a low environmental footprint:



Lignin provides excellent rigidity, promoting optimal aeration, which is crucial for efficient water treatment.



Highly resistant to decomposition 100% organic, therefore 100% recyclable.



Does not require costly replacement.



No surface waterproofing of the media.



Life cycle of filter media: coconut fibre



RECYCLED ONCE:

Use of a natural organic material capable of storing a significant amount of CO₂.

USAGE:

Throughout the entire lifespan of the compact filter.

RECYCLED TWICE:

After composting, recycled as fertiliser for new plantations.



Tricel Filtro **Pumped**

The Tricel Filtro compact filter is equipped with an electric, visual, and audible alarm to protect the pump.



The Tricel Group is a leading global provider of high-performance solutions across the Water, Environment, Construction, and Industry sectors. For over 50 years, our company philosophy, "Generations of Innovation" has been driven by three core principles: Innovation, Quality, and Heritage. We are committed to manufacturing and delivering cutting-edge, reliable solutions that earn the trust of our customers. With factories in five countries, we differentiate ourselves in terms of production capacity, versatility and adaptability, enabling us to supply a complete range of products to more than 50 countries around the world.

Tricel France: consists of two factories, a head office, and technical services specialised in wastewater treatment, based close to our factories, for greater proximity and responsive customer service.

A network of exclusive Tricel Partners, specialists in individual wastewater treatment (see list on our website tricel.fr), who provide advice and sales as well as delivery, commissioning, maintenance and after-sales service for every Tricel wastewater treatment system installed.

Networks of professional installers (public works contractors, excavators, etc.) selected by our Partners in their respective sectors, to ensure a perfect installation of your Tricel compact filter or sewage treatment plant.

Extensive expertise in wastewater treatment, with over 35,000 micro-stations and compact filters installed globally across diverse soils and climates.

For further information or to request a free quote
contact your Tricel partner :

or contact us on 05 17 03 00 00 (Monday to Friday, 8.30am to 5.30pm)
or www.tricel.fr/contact

Ministerial approvals

From 1 to 18 PE

Filtro gravity : N°2024-009 &
N°2024-009 ext01 to ext06

Filtro pumped : N°2024-011
& N°2024-011 ext 01 to ext06



conf. NF EN 12566-3+A2



FABRIQUÉ EN
FRANCE