

SPECIFICATIONS

Use the specifications tables below to help you choose the correct Ecoflo Coco Filter for your project.

- All applications must be specified to comply with the EPA Code of Practice.
- Further advice and assistance is available from our experienced internal and external sales teams.
- Site visits and assessments are recommended prior to installation to ensure the correct equipment is proposed.
- The installation, use and operation of the system must be carried out as per the manufacturer's instructions (User Guide and Owner's Manual).
- The first table presents the corresponding capacity for the Ecoflo Coco Filter for both applications (secondary and tertiary treatment).



Ecoflo[®] Coco Filter

Secondary Treatment Filter

Domestic and commercial applications

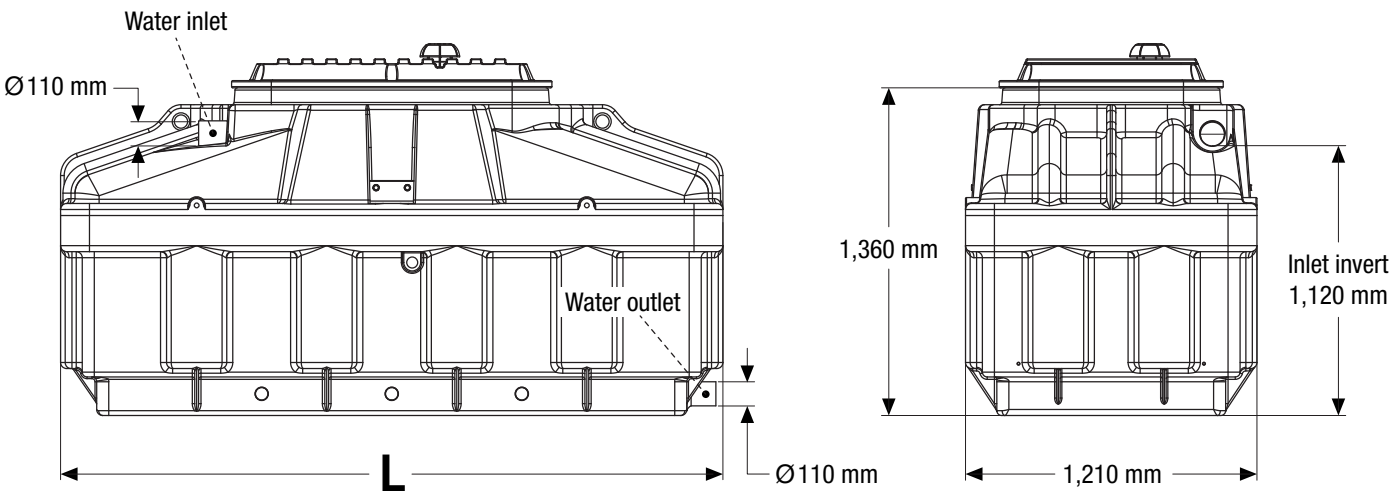


Ecoflo[®] Coco Filter MODELS AND CAPACITIES

Filter Surface	Capacity	
	Secondary Treatment	Tertiary Treatment
2.60 m ²	4 PE	10 PE
3.25 m ²	5 PE	13 PE
3.90 m ²	6 PE	15 PE
5.20 m ²	8 PE (2 X 4 PE)	20 PE
6.50 m ²	10 PE (2 X 5 PE)	26 PE

TECHNICAL DATA (gravity effluent)

Parameters	4 PE	5 PE	6 PE	8 PE	10 PE
Filter surface	2.60 m ²	3.25 m ²	3.90 m ²	5.20 m ²	6.50 m ²
Length (L)	2,420 mm	2,750 mm	3,320 mm	2,550 mm	2,750 mm
Capacity for polishing application	10 PE	13 PE	15 PE	20 PE	26 PE



WASTEWATER TREATMENT



Protecting the value of properties and the ecological health of lakes, waterways and groundwater.

Sustainable Treatment

Permanent and Durable Solution

Reliability under all Conditions

Compact and All-Purpose Installation

Designed for new homes, cottages as well as the replacement of defective existing systems.



Complies with the EPA Code of Practice 2009



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SUSTAINABLE TREATMENT

This system incorporates a patented coconut husk fragment-based tertiary filtering media, a rehabilitated and natural organic material requiring no energy to treat wastewater.

PERMANENT AND DURABLE SOLUTION

Compared to conventional systems, no excavation or relocation of the unit at the end of the cycle of the filtering media. Internal components accessible through the lid at all times.

RELIABILITY UNDER ALL CONDITIONS

Highly reliable system, regardless of variations in water quality and living habits of occupants (seasonal activities, flow intensity and non-flow periods).

COMPACT AND ALL-PURPOSE INSTALLATION

Requires up to 3 times less space than conventional systems for optimal use of the property. Odorless system.



- ✓ 20 years of proven performance
- ✓ Recognized for its simplicity, reliability and durability
- ✓ No energy or electro-mechanical devices required for the treatment
- ✓ Replacement of the filtering media at its end of life without disruption to the existing landscaping

LOW COSTS

Offered as a Ready-to-Use system, this unit is comparatively much quicker to install – between ½ day and 2 days depending on ground conditions. 90% of the 200 installations to date in Ireland have taken ½ day. Combined to its zero energy for treatment, this system offers you by far the best quality to pricing ratio.

Ecoflo® Coco Filter

TERTIARY TREATMENT

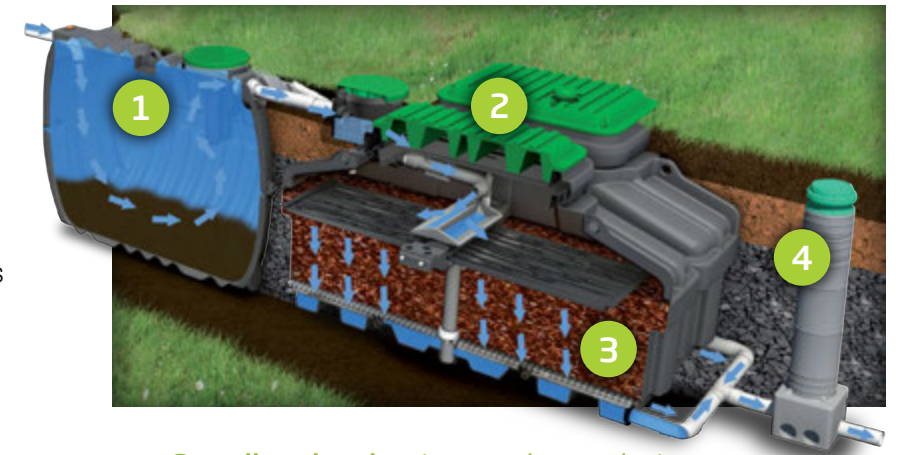
The system is also available as tertiary treatment. The unit can be installed with any Wastewater Treatment System or Septic Tank upgrade at the install stage or later. Please see the Tertiary Filter flyer for more details.

Ecoflo Coco Filter is a patented biological filter which serves as a physical barrier that retains pollutants. Offered as a ready-to-use system, the filtering media and components are preassembled at the factory to ensure quality, controlled installations. A lightweight, easy to handle unit, even in tight spaces. Ecoflo Coco Filter can be installed in any soil type and for a population range between 4 and 20 PE. The coco filtering media technology is designed for a prolonged life. It will last up to 15 years when system used accordingly to owner's manual and annually maintained.



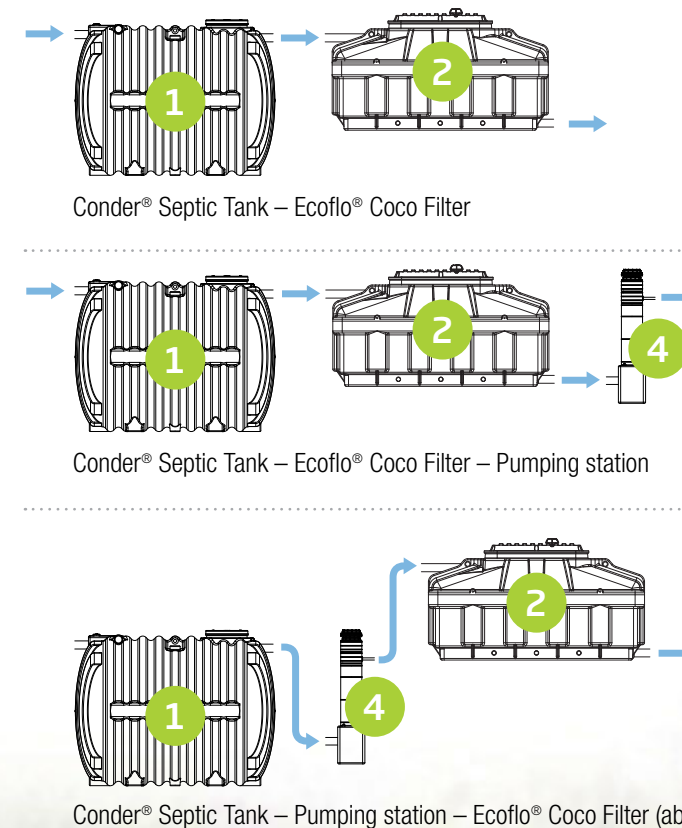
HOW ECOFLO COCO FILTER WORKS

- 1 Septic tank**
Collects all the domestic wastewater (except excess flow) and is ventilated in accordance with local construction norms. Equipped with an effluent filter that captures coarse matter and particles to protect the Ecoflo Coco filter.
- 2 Ecoflo Coco Filter**
Uses gravity to collect pretreated water, which is then spread out over the surface of the filtering media using a patented distribution system comprised of a feed ramp, a tipping bucket and distribution plates.
- 3 Filtering media**
The coco fragment-based filtering media is where the water is organically treated and filtered and where pollutants are retained and degraded.



- 4 Sampling chamber (or pumping station)**
Allows for the proper functioning of the system and/or to direct the treated effluent toward a dispersal area. The high outlet makes it possible to use a specific pumping station (optional) to evacuate and discharge the water.

TYPICAL INSTALLATIONS



TREATMENT PERFORMANCES (Tested under EN 12566-3)

Parameters	Influent	Treat Effluent	Removal
TSS	361 ± 89 mg/L	8 ± 6 mg/L	96%
BOD ₅	310 ± 68 mg/L	7 ± 3 mg/L	97%
TKN	90 ± 19 mg/L	13 ± 11 mg/L	86%
Ammonia	65 ± 9 mg/L	11 ± 10 mg/L	84%

PERIPHERALS Extension Kit available

- Sampling chamber
- Hydroflo pumping station
- Rectangular riser/manhole
- Anchoring mechanism
- Prelev'flo pumping station
- External feed distributor

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