



The sustainable septic solution that protects your property

ECOFLO[®]



Certified system accepted by all municipalities



Made in Québec

What is a septic system?

Wastewater is any water that we contaminate. For example, it is water we use to flush toilets, take showers, clean clothes, or wash dishes.

When a property is not connected to a municipal sewer, its wastewater must be treated by an on-site septic system.

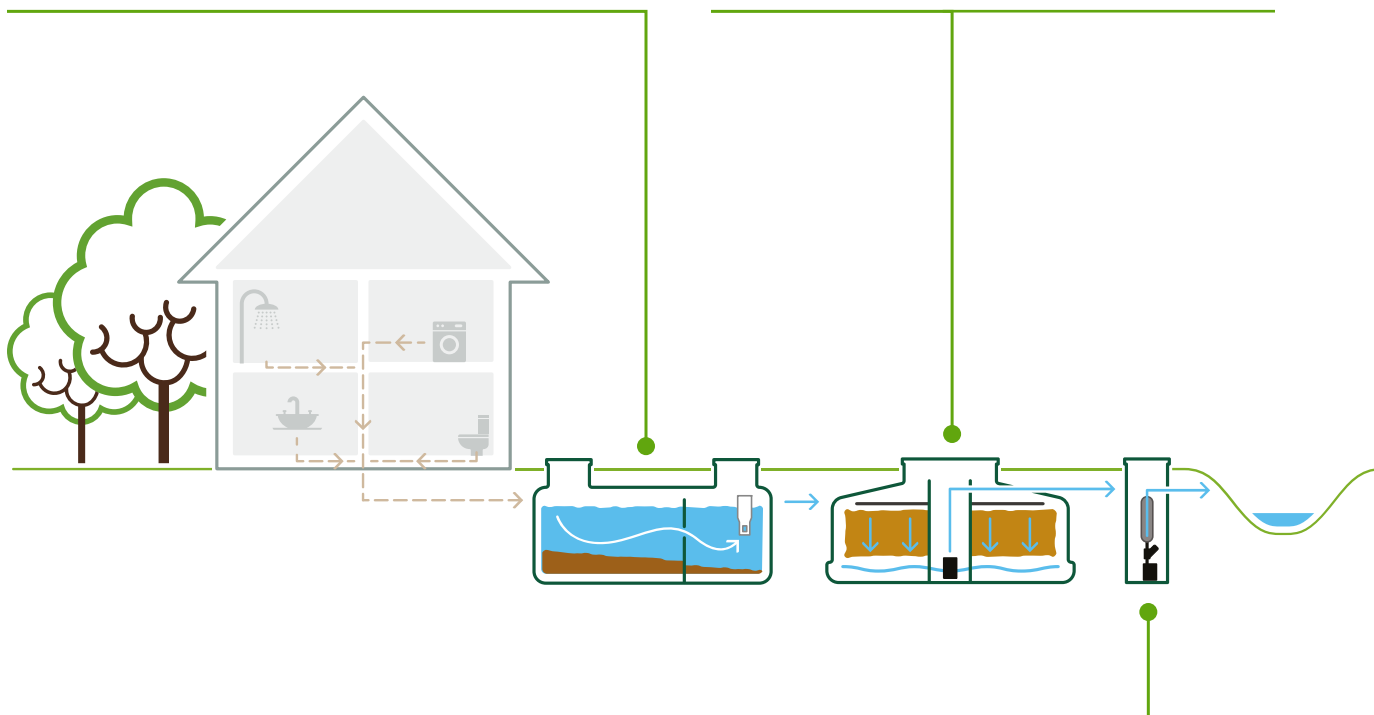
What does a septic system look like?

Primary treatment: Septic tank

Receives untreated domestic wastewater from the residence. The tank retains solid materials and sends partially clarified wastewater downstream.

Secondary treatment: Ecoflo biofilter

Receives wastewater from the primary treatment unit. Microorganisms that naturally develop in the secondary system remove wastewater pollutants. The system sends treated wastewater downstream.



Additional treatment (when required)

Various tertiary treatment options are available, including UV disinfection, passive disinfection, and phosphorus removal.

Steps for a septic system project

1

Initial assessment

Is this a new installation or an upgrade?
How many bedrooms are in the residence?



2

Site assessment

A septic designer determines your site's topography, soil permeability, groundwater levels, rock layers, and the location of your well. This information defines the area available for a septic system.



3

Design

A septic designer or engineer designs a plan and gives you product options with cost estimates.



4

Permit application

The installer gives you a quote for construction costs. After you choose the septic system you want, you can apply for a permit.



5

Installation

The installer performs the work needed to install the septic system.



6

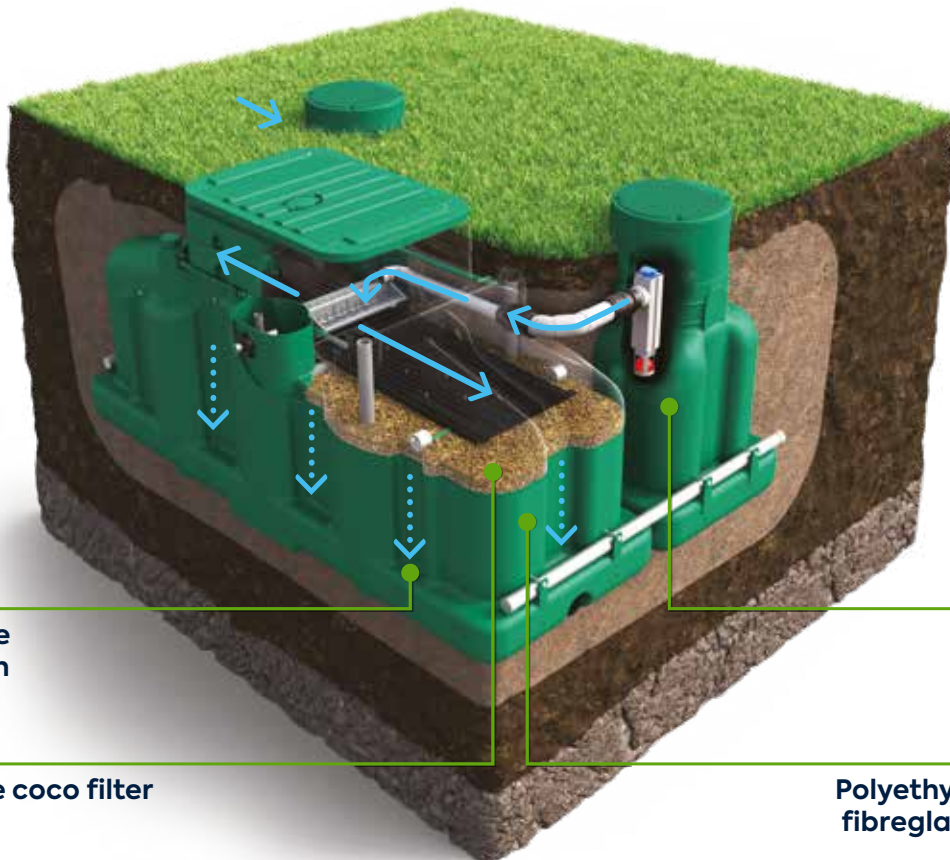
Use and maintenance

Regular maintenance maximizes the lifespan of the septic system and ensures it treats wastewater effectively.



Ecoflo is how we make a sustainable difference. Together.

Join us in the movement to make the world a better, more sustainable place. Protect your property and the environment by choosing the Ecoflo biofilter, the most eco-responsible septic system available.

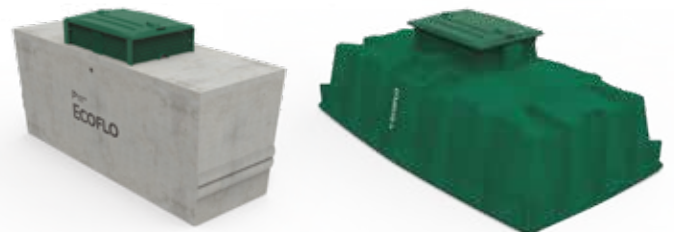


Energy-free
biofiltration

Pack models
include septic tank

Sustainable coco filter

Polyethylene, concrete, and
fibreglass models available



**THE #1 CHOICE IN QUÉBEC
SINCE 1995!**

SCAN TO DISCOVER
HOW THE ECOFLO
BIOFILTER WORKS



INSTALLED FOR LIFE

- easy installation
- never needs to be moved or replaced
- never damages your landscaping

PEACE OF MIND

- 24/7 autonomous operation
- never clogs your drain field
- never contaminates your property

COMPACT AND DISCREET

- up to 50% smaller than traditional systems
- blends into your landscaping
- odourless

BEST LONG-TERM INVESTMENT

- maintains the selling value of your property
- no energy bills for wastewater treatment
- no high-priced repairs or hidden costs
- no full-system replacements

MOST COMPLETE WARRANTY IN THE INDUSTRY

Proudly standing behind our products since 1995

- polyethylene, concrete, and fibreglass tanks
- coco filters
- components and replacement parts*
- labour

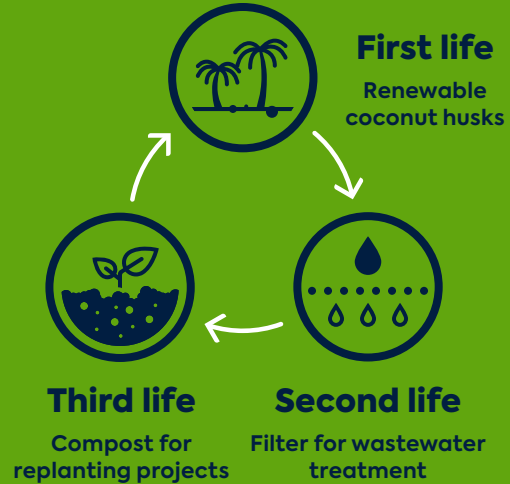


TAX CREDIT
SAVE UP TO 20%



* Except pumps, alarms, and floats.

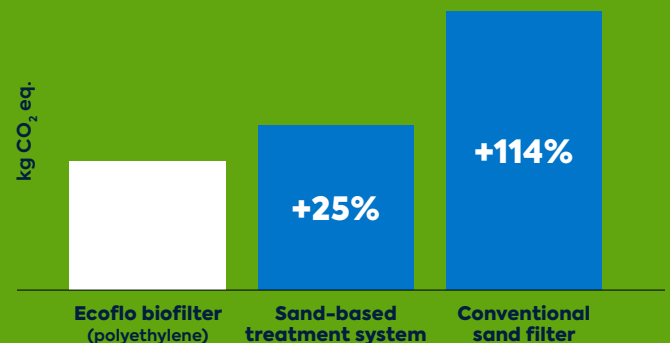
NATURAL, RENEWABLE, COMPOSTABLE FILTER



LOWEST CARBON FOOTPRINT

From production and shipping to installation, maintenance, and usage, the Ecoflo biofilter has the lowest carbon footprint of any product on the market – and the numbers to prove it.

Total after 50-year life cycle



Notes

- Based on analysis of septic installations in Québec.
- Systems installed in very low permeability soil and rated for three bedrooms.
- Distances between installations and required materials assumed to be 60 km for filtration sand and stone, 33 km for backfill.
- Ecoflo biofilter installations include a compact sand filter.

We offer three different tanks to ensure that your septic installation fits with your soil and land. The results of your soil analysis determine the best tank material for your needs.

POLYETHYLENE

Lightweight, compact, and easy to handle.

Site features

- permeable to very permeable soil
- moderately high groundwater
- difficult or remote access

System features

- durable construction
- quick installation (pre-assembled internal components)
- integrated pump vault
- possibility to integrate a UV disinfection system



CONCRETE

Robust system suitable for all soils and site conditions.

Site features

- any soil type
- high groundwater
- accessible to heavy machinery

System features

- quick installation (pre-assembled internal components)
- integrated pump vault
- possibility to integrate a UV disinfection system



FIBREGLASS

Lightweight, easy to handle, and economical.

Site features

- permeable to very permeable soil
- no groundwater
- inaccessible to heavy machinery

System features

- polishing field directly under the tank
- no pump vault
- filtering medium and internal components installed on site



ECOFLO[®]

Filtering media

We have introduced two types of filtering materials for the Ecoflo biofilter: coconut husk fragments and peat aggregates. Both provide stable treatment performance regardless of intermittent use, variable flows, or electrical failures.



COCONUT HUSK FRAGMENTS

This material is made from the husk that surrounds the edible part of a coconut. By transforming this material into a filtering medium, we give second life to a valuable resource and ensure that no part of the coconut tree's bounty is wasted.

The husk is cut through a mechanical process that gives us complete control over the size of each fragment and its overall porosity. This guarantees a uniform filtering medium that delivers consistently high performance over time.

In the Ecoflo biofilter with a 100% coco filter, only coconut husk fragments are used.



PEAT AGGREGATES

This material is produced from specific granularities of harvested peat. The peat is selected according to its place of origin, grade, and physical properties. The field preparation, harvesting, and factory conditioning of the peat ensures uniform particle size and mechanical resistance.

This specificity is necessary for the aeration, flow, and stability required for effective wastewater treatment over the lifespan of the filtering medium.

In the Ecoflo biofilter with a coco and peat filter, peat aggregates and coconut husk fragments are combined.

Tertiary treatment

When soil is impermeable, it is necessary to disinfect wastewater to remove pollutants.

This type of treatment allows direct discharge that respects the sensitivity of the surrounding environment. A tertiary installation includes a septic tank and an advanced secondary treatment system, plus an additional unit to perform final disinfection before wastewater is discharged into the environment.

We provide a wide range of tertiary treatment options, and we are the only manufacturer to offer a 100% passive disinfection solution.



Passive disinfection filter (FDi)

Installed downstream from the Ecoflo biofilter, our passive disinfection filter provides effective wastewater treatment for properties with high groundwater, shallow bedrock, or impermeable soil.

LOW OPERATING COSTS

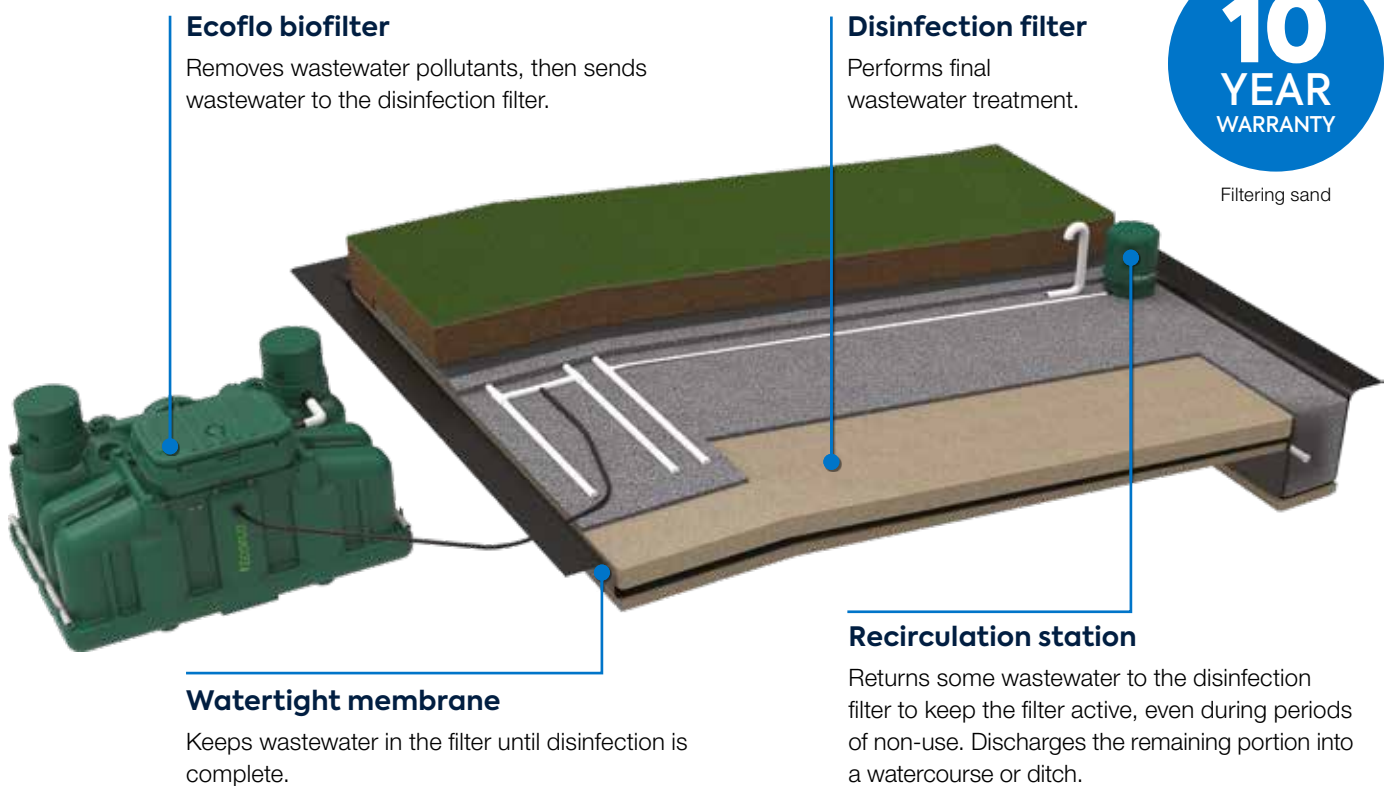
Uses a recirculation pump that consumes just \$3 worth of energy per year.

PASSIVE AND SUSTAINABLE

Autonomously treats wastewater 24/7.



Filtering sand



TREATMENT PERFORMANCE (BNQ)

Parameter	Requirement*	Ecoflo biofilter with passive disinfection filter	
		100% coco filter	Coco and peat filter
CBOD ₅	≤ 15 mg/L	2 mg/L	2 mg/L
TSS	≤ 15 mg/L	1 mg/L	2 mg/L
Fecal coliforms	≤ 200 CFU/100 mL	3 CFU/100 mL	9 CFU/100 mL

* 30-day average.

Integrated UV disinfection (DiUV)

Our integrated UV disinfection option reliably kills wastewater pathogens, so you can safely send wastewater into a ditch or watercourse.

READY TO INSTALL

Pre-assembled and pre-wired for fast and simple installation.

Wi-Fi system

Sends us instant alerts, so we can help you protect your investment and the environment. If there is a problem, a service team will follow up on it.

Improved design

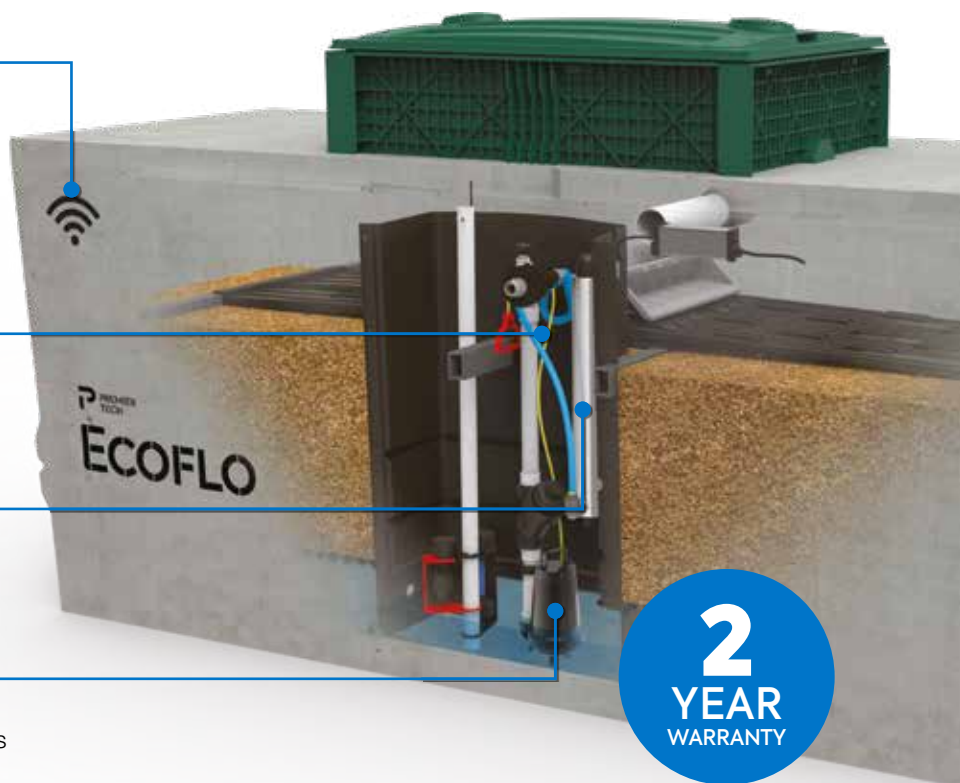
Strong and reliable parts ensure easy operation and maintenance.

New UV lamp

Kills wastewater pathogens with UV radiation.

Integrated pump

Discharges treated wastewater in any site conditions and keeps ditch water out of the treatment unit.



Parts and labour

TREATMENT PERFORMANCE (BNQ)

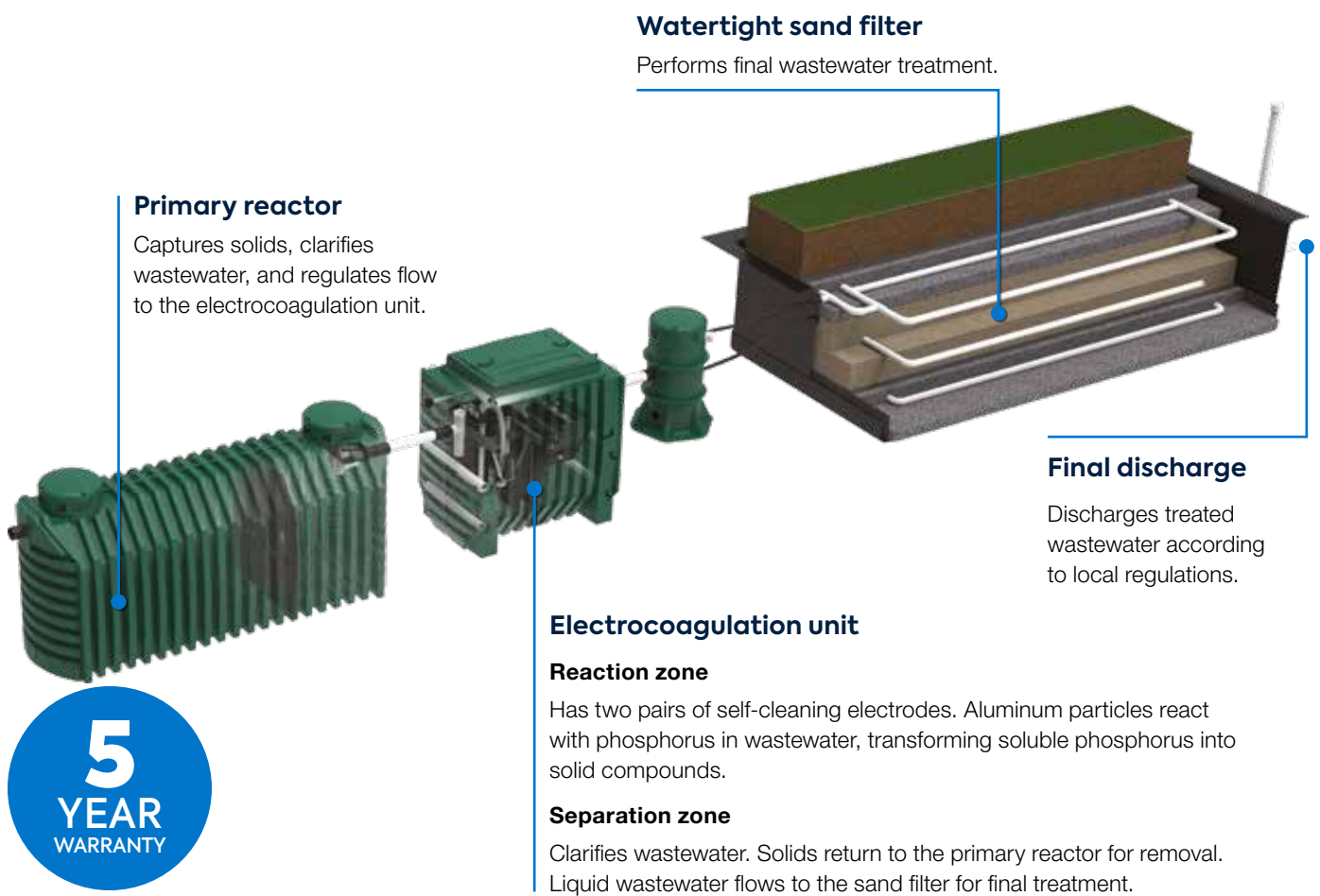
Parameter	Requirement*	Ecoflo biofilter with UV disinfection	
		100% coco filter	Coco and peat filter
CBOD ₅	≤ 15 mg/L	4 mg/L	2 mg/L
TSS	≤ 15 mg/L	4 mg/L	2 mg/L
Fecal coliforms	≤ 20 CFU/100 mL†	2 CFU/100 mL	2 CFU/100 mL

* 30-day average.

† Before photoreactivation.

Phosphorus removal (DpEC)

Without proper treatment, phosphorus in wastewater can cause harmful algae growth in lakes and rivers. Protect these sensitive areas with our phosphorus removal option.



Tanks, parts, and labour

TREATMENT PERFORMANCE (BNQ)

Parameter	Requirement*	Phosphorus removal system with sand filter
CBOD ₅	< 15 mg/L	1 mg/L
TSS	< 15 mg/L	2 mg/L
Total phosphorus	< 1 mg/L	0.04 mg/L
Fecal coliforms	≤ 200 CFU/100 mL	47 CFU/100 mL

* 30-day average.

Our team is at your service

We support you by maintaining the performance of your system and ensuring your peace of mind.



START-UP SERVICES

- telephone information session
- field visit to confirm the proper installation of internal components and to ensure effective wastewater treatment

WARRANTY

Our 10-year Ecoflo biofilter warranty is the most comprehensive in the industry:

- all treatment-related parts and labour
- proper functioning of the filtering medium
- no clogging of the septic drain field
- no substandard performance

PREVENTIVE MAINTENANCE PROGRAM

Annual maintenance maximizes the life of your system's filtering medium and ensures effective wastewater treatment for years to come.

Maintenance is also a chance to identify components that need to be repaired or replaced, and to correct small problems before they get more serious.

Your annual maintenance contract includes:

- maintenance visit by one of our annually trained partners
- analysis by our experts
- maintenance report for your files (archived by our team)
- 24/7 customer service

FILTERING MEDIUM REPLACEMENT

We guarantee the filtering medium in your Ecoflo biofilter for 10 years, but its lifespan may exceed 15 years. Our experts analyze your system's service reports to determine when the filter needs to be replaced. By preventively replacing the filter, we can guarantee that your system will always protect your property and the environment.

Advantages:

- takes only two hours
- no damage to your lawn or landscaping
- renews the original warranty on your system's treatment performance

2022 average costs

Service	Cost
Ecoflo biofilter maintenance	\$122*
Ecoflo biofilter with passive disinfection filter (FDi) maintenance	\$151*
Phosphorus removal (DpEC) with sand filter maintenance	\$289*
Ecoflo biofilter with UV disinfection (DiUV) maintenance	\$534*
Ecoflo biofilter filter replacement	\$2,024†

Taxes extra. Actual prices may vary.

* Includes \$10 rebate offered with automatic contract renewals completed before January 1.

† Ecoflo biofilter model 6.5 used as reference. Additional fees may apply.



REWATEC™

Rainwater harvesters

\$500 mail-in rebate

When you install the Ecoflo biofilter and the Rewatec rainwater harvester at the same time.

They say that water is blue gold. Make the most of every drop with the Rewatec rainwater harvester. You can use the water you collect for:

Outdoor use



Outdoor and indoor use



CONSERVES DRINKING WATER

Reduces your drinking water consumption by up to 40%.

INCREASES YOUR WATER AUTONOMY

Provides an estimated 21 days of autonomy during periods of water restrictions.

EASY TO USE

Automatically switches to municipal or well water when the tank is empty. Easy to maintain.

FOR ALL PROPERTY TYPES

Ideal for existing properties and new constructions.

Your project

Make the best choice

Choose the Ecoflo biofilter to protect your property and the planet with the septic system with the lowest carbon footprint.

- **eco-responsible**
- **most complete warranty**
- **made in Québec since 1995**
- **largest network of local installers (trained annually)**
- **free support every step of the way**
- **24/7 customer service across Québec**



Start your project today

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Get after-sales support

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