



The sustainable septic
solution that protects
your property

ECOFLO[®]



Certified
to CAN/BNQ
standard
3680-600



Certified
to BNQ
standard
NQ 3680-910



Certified
to NSF/ANSI
standard
40 & 245



**Made in
Canada**

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 typical septic system look like?

Primary tank: Septic tank

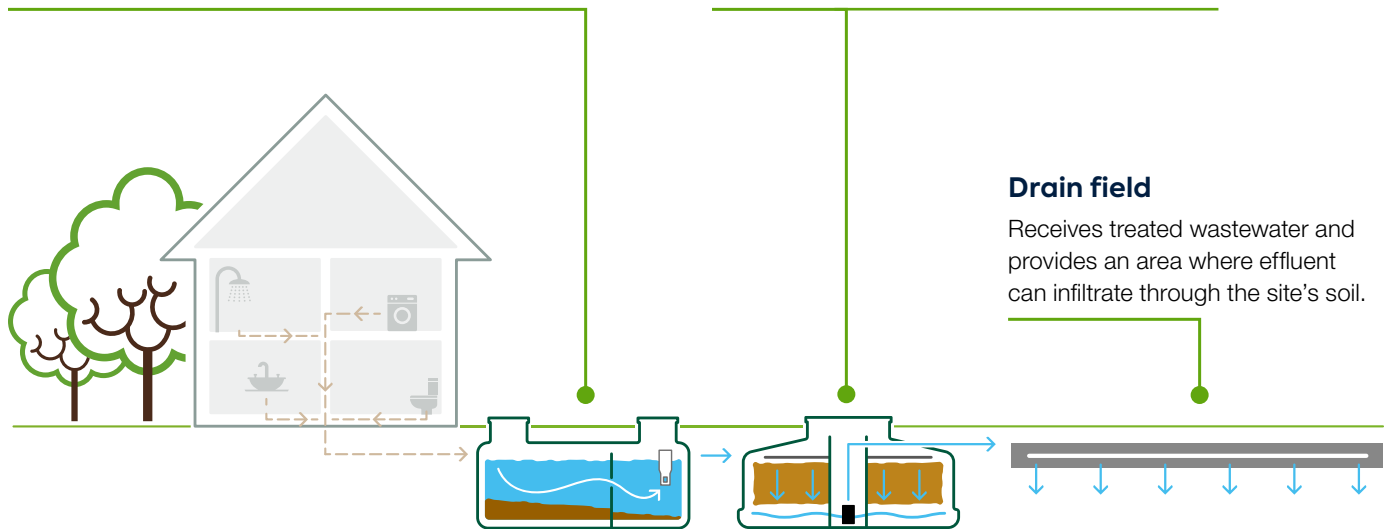
Receives untreated domestic wastewater from the residence. The tank retains solid materials and sends partially clarified wastewater downstream.

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.

Drain field

Receives treated wastewater and provides an area where effluent can infiltrate through the site's soil.



Additional treatment (when required)

Check the regulation in your area to determine if tertiary treatment is needed with your septic system.

Premier Tech Water and Environment offers:

- UV disinfection
- nitrogen reduction

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

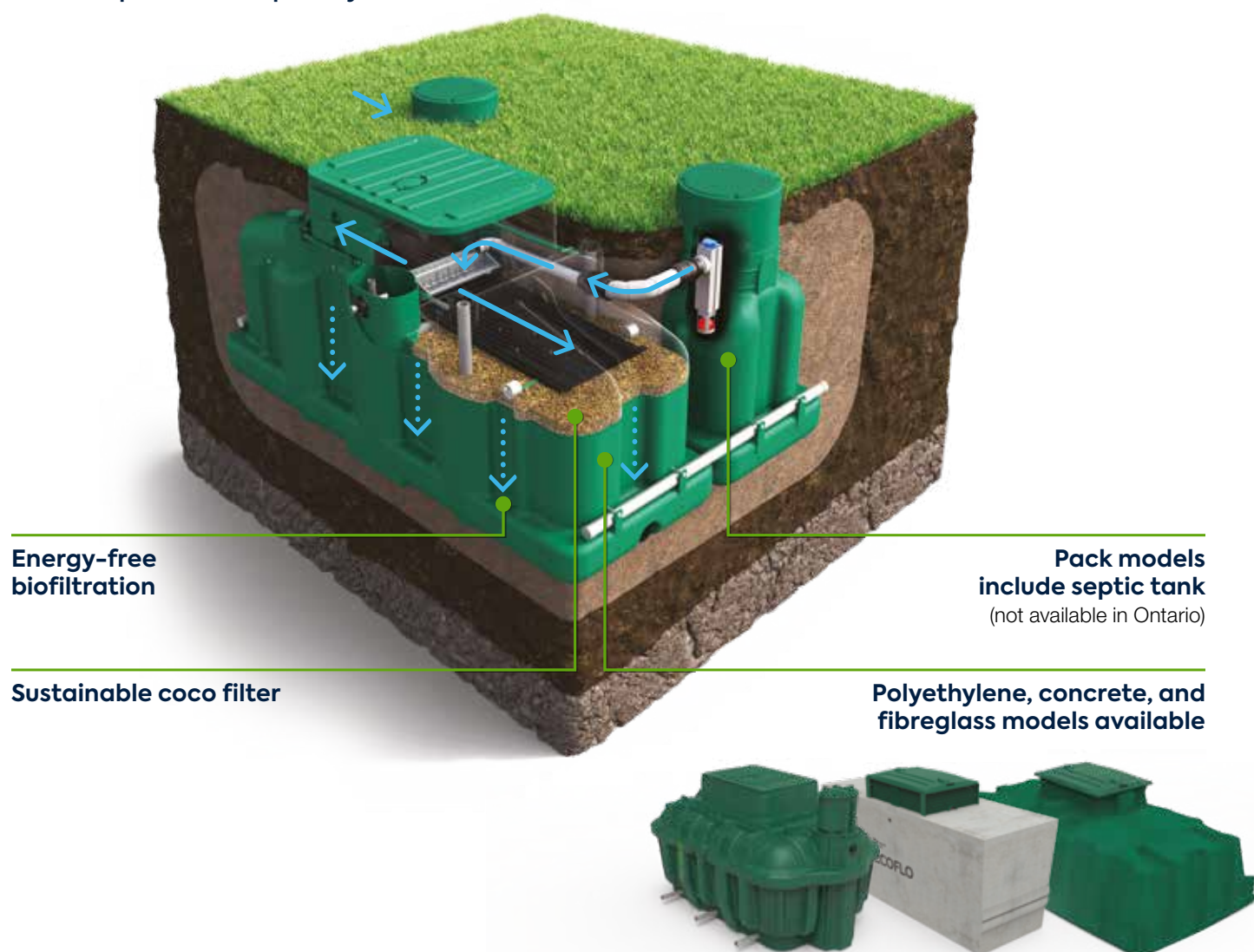
Regular maintenance maximizes the lifespan of the septic system and ensures it treats wastewater effectively.



* These are general steps. They may vary depending on your local regulation.

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 Ecoflo, the most
eco-responsible septic system available.



Energy-free
biofiltration

Pack models
include septic tank
(not available in Ontario)

Sustainable coco filter

Polyethylene, concrete, and
fibreglass models available

**THE #1 COMPACT
FILTER CHOICE!**

SCAN TO DISCOVER
HOW DOES THE ECOFLO
BIOFILTER WORK



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

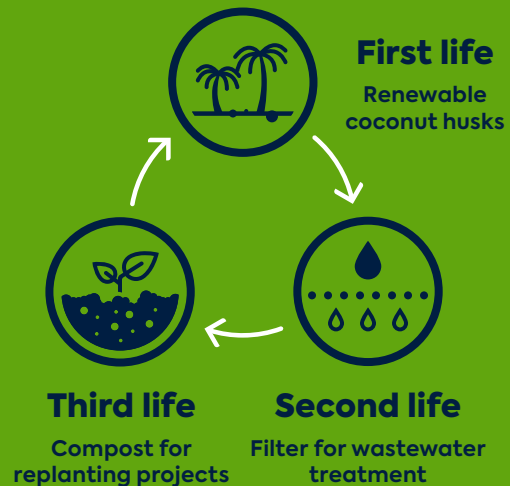
COMPACT AND DISCREET

- 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

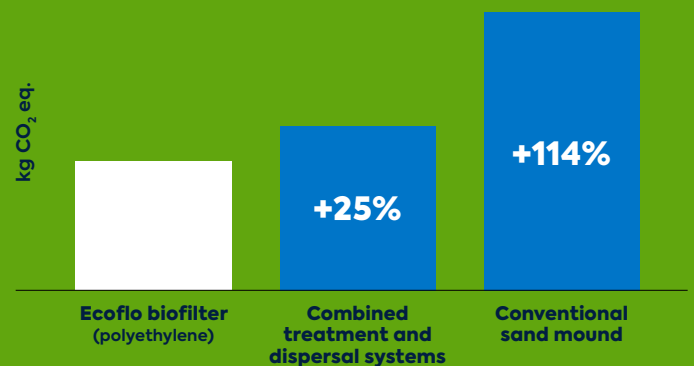
NATURAL, RENEWABLE, COMPOSTABLE FILTER



LOWEST CARBON FOOTPRINT

From production and shipping to installation, maintenance, and usage, the Ecoflo biofilter has the lowest carbon footprint of any system 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 final dispersal to at-grade bed.

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
- 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

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





Filtering medium

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 into fragments 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 Ecoflo biofilters 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 ensure 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 Ecoflo biofilters with a bi-layer filter, peat aggregates and coconut husk fragments are combined.

Tertiary system

When soil is impermeable, it is necessary to disinfect the wastewater in order to remove pollutants. These pollutants include fecal coliforms and sometimes even phosphorus, which would otherwise cause blue-green algae blooms in nearby lakes and rivers.

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





REWATEC™

Tertiary
treatment

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.

SOLUTIONS FOR ANY SITE

Can be integrated in many polyethylene and concrete Ecoflo biofilter models. Also available in a separate tank.

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.



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2
YEAR
WARRANTY

Parts and labor

REWATEC™

Tertiary
treatment

Nitrogen reduction (ECDn)

Our nitrogen reduction option converts ammoniacal nitrogen into nitrogen gas, so you can safely discharge wastewater near ecologically sensitive areas.

COMPACT SIZE

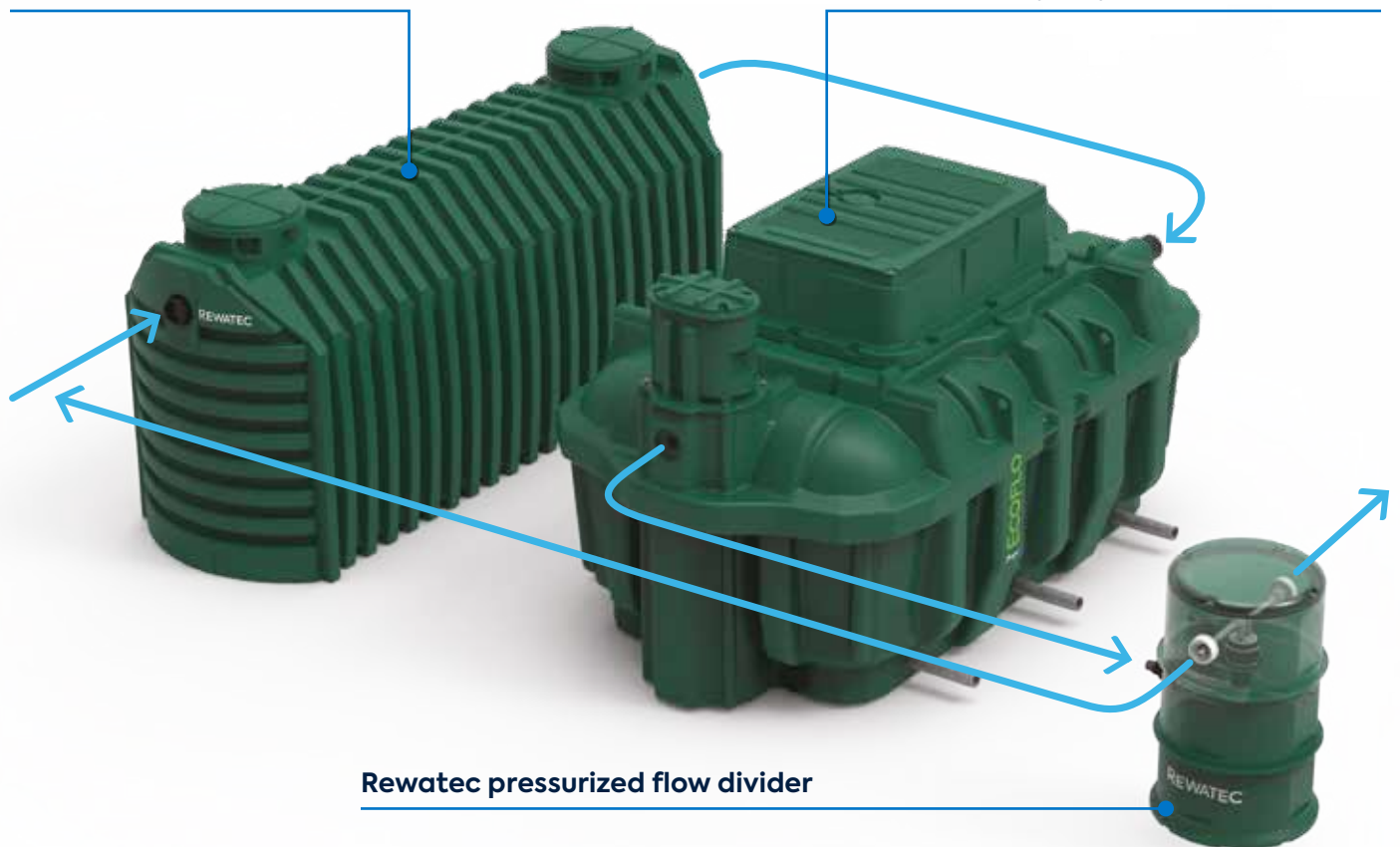
Ideal for sites with limited installation space.

TOTAL PROTECTION

Prevents property contamination and protects public health.

Septic tank

Polyethylene Ecoflo biofilter



Rewatec pressurized flow divider



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 (ONTARIO)

- 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



	Original warranty		Replacement warranty	
	Material	Labour	Material	Labour
TREATMENT AND PROCESS COMPONENTS				
Natural and compostable filtering medium	10 years	10 years	10 years	10 years
Treatment performance	10 years	10 years	10 years	10 years
No clogging or excess sludge	10 years	10 years	10 years	10 years
Tipping bucket and distribution plates	10 years	10 years	10 years	10 years
Access covers and sampling device	10 years	10 years	10 years	10 years

TREATMENT TANKS				
Polyethylene, concrete, and fibreglass	10 years	10 years	10 years	10 years

PUMPING STATIONS				
Pump, alarm, and floats	3 years	3 years	2 years	2 years

* Original pumps, alarms, and floats guaranteed for three years.
Replacements guaranteed for two years. Includes labor.



A product supported by the manufacturer

PREVENTIVE MAINTENANCE PROGRAM

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

Annual maintenance is the best way to:

- protect your investment in your Ecoflo biofilter
- maximize the lifespan of your system's filtering medium
- ensure effective wastewater treatment for years to come

Your annual maintenance contract includes:

- maintenance visit by one of our trained partners
- analysis by our experts
- maintenance report (sent to you and archived in our files)
- 24/7 customer service

To consult your maintenance reports and information about your septic system, please visit our online Client Space.

FILTERING MEDIUM REPLACEMENT

We guarantee the filtering medium in the Ecoflo biofilter for 10 years, but its lifespan may exceed 15 years. Our experts analyze the 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:

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

2022 AVERAGE COSTS

Service	Cost
Maintenance	\$180
Filtering medium replacement	\$2,600



REWATEC™

Rainwater harvesters

\$500 mail-in rebate

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

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

Outdoor and indoor use



Outdoor 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.

Notes

People and Technologies making a difference

Premier Tech brings to life products that help feed, protect, and improve our world.

- **founded in 1923**
- **family business**
- **2,420 team members in North America**
- **4,700 team members worldwide**
- **24 manufacturing facilities in North America**
- **47 factories in 27 countries**

We develop and manufacture solutions for wastewater treatment and rainwater harvesting.

Together, we continuously innovate to create sustainable solutions that are accessible to all.



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