



Owner's manual

ECOFLO[®]

Linear biofilter

Owner's manual – Ecoflo[®] linear biofilter

Premier Tech congratulates you on acquiring the **Ecoflo linear biofilter**. By choosing the Ecoflo linear biofilter, you are helping to protect your property, your health, and the environment. This document contains information concerning the process, instructions for use, maintenance, and guarantees of the Ecoflo linear biofilter.

The **Ecoflo linear biofilter EL15** model series is a Class I treatment level system certified according to NSF/ANSI 40 standard and the **Ecoflo linear biofilter EL30** model series is a B-IV treatment level system certified according to CAN/BNQ 3680-600 standard. Both model series includes a septic/primary tank, a prefilter, and the Ecoflo linear biofilter. All information relating to the operation, instructions for use, maintenance of the septic/primary tank, and the effluent filter are presented in this manual. For more information, please contact our customer service at 1 800 632-6356 or visit our website at PT-WaterEnvironment.com.

TABLE OF CONTENTS

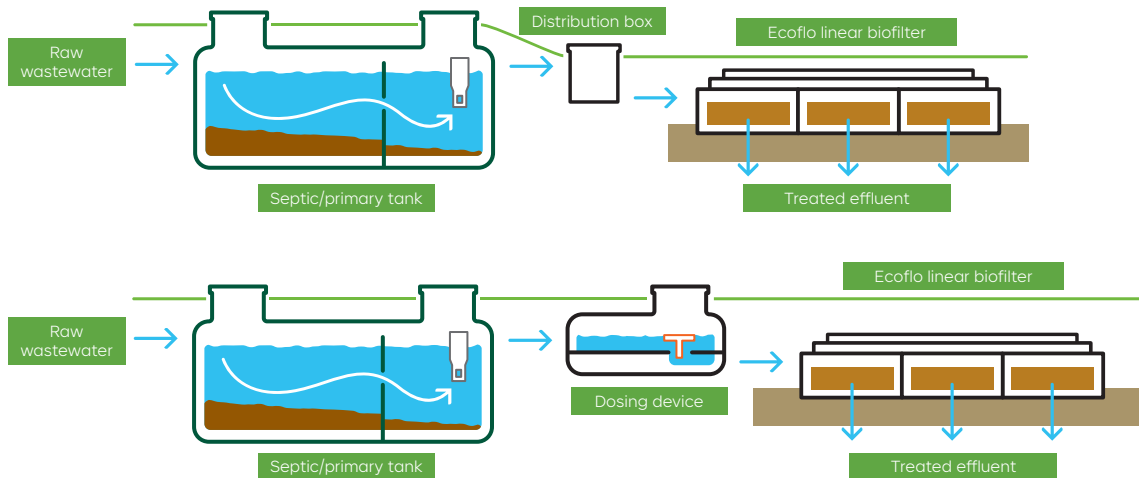
1. Process overview	2
2. Instructions for use	5
3. Maintenance	7
4. What to do in case of... ..	9
Appendix 1 Notice of ownership change	11
Appendix 2 Annual maintenance program and warranty activation form	13
Appendix 3 Certificate of warranty for the Ecoflo linear biofilter	15

1 PROCESS OVERVIEW

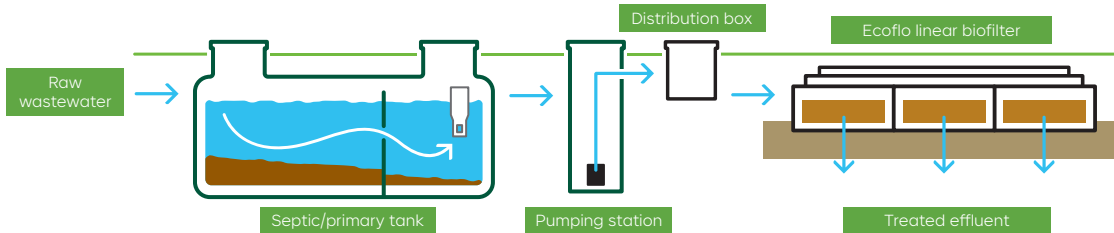
The Ecoflo linear biofilter treatment system includes a septic/primary tank, an effluent filter, a hydraulic dosing device (optional for the EL15 model series), and a number of treatment modules (proportional to the flow to be treated) positioned on a sand layer surface.

The figures below represent the three possible distribution options for the Ecoflo linear biofilter treatment system:

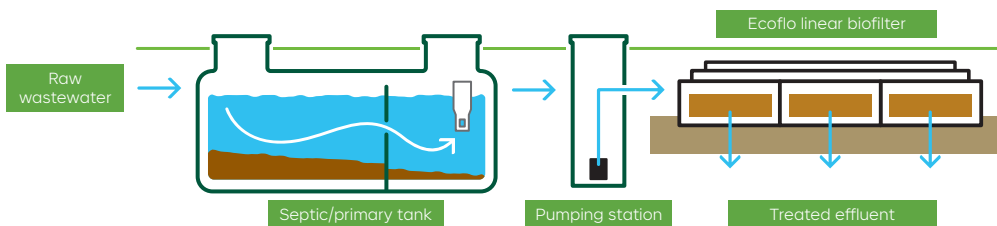
1.1 GRAVITY



1.2 PUMP TO GRAVITY



1.3 LOW PRESSURE



1.4 PRIMARY TREATMENT

The septic/primary tank is the first step of the treatment chain. It clarifies wastewater by letting suspended solids settle to the bottom and prevents clogs in downstream components by retaining floating matter. An effluent filter is installed at the outlet.

The septic/primary tank and the effluent filter must comply with local regulations. Premier Tech Water and Environment recommends using a septic/primary tank with a minimum working capacity equivalent to about twice the daily flow.

1.5 DOSING AND DISTRIBUTION

Dosing and distribution of wastewater from the septic/primary tank to the treatment modules can be achieved through three different options:

1. By gravity to a distribution box. For EL15 model series only
2. A dosing device (gravity distribution)
3. Pumped to a distribution box (pump-to-gravity distribution)
4. Pumped to low-pressure distribution (low-pressure distribution)

The dosing device gathers wastewater and then distributes it into the distribution channels of each run. The dosing device is designed to evenly distribute the dose's volume to each run of the Ecoflo linear biofilter.

1.6 ECOFLO LINEAR BIOFILTER

Wastewater travels through the perforated distribution channel of each treatment module and is discharged onto the surface of the filtration pads. Treatment begins as wastewater percolates through the pads. Particles get filtered while microorganisms within the pads perform an aerobic degradation of organic matter. Treatment is completed in the sand layer beneath the pads. Treated water returns to the environment by infiltrating into the soil directly underneath the Ecoflo linear biofilter.

The operating principle of the Ecoflo linear biofilter allows permanent or intermittent use without requiring any special precautions and without affecting the quality of the treatment. No special action is required from the owner to get the system up and running. The minimum number of treatment modules is determined by the total daily flow of water to be treated, according to local regulations.

1.7 PRODUCT NOMENCLATURE

There are several Ecoflo linear models available that have different characteristics which are identified by the model number and the dispersal option. The choice of model is based on the number of bedrooms in the residence or the total daily volume of domestic wastewater generated by any other type of building. It is also determined based on the surface area required, existing topography, and soil characteristics.

The following table presents nomenclature used for the Ecoflo linear biofilter models. All of these models are certified in compliance with CAN/BNQ 3680-600 standard and NSF/ANSI 40 standard Class I.

Table 1: Ecoflo linear biofilter model name

EL15-XXX-YY & EL30-XXX-YY		
XXX	Refers to number of modules	
YY	CD	Refers to combined treatment and dispersal
	SD	Refers to single point discharge
Module loading rate	EL15 = 84 L/m*d (6.8 gal/ft*d) EL30 = 80 L/m*d (6.4 gal/ft*d)	
Filtration pad length	1.183 m (46.6")	

Therefore, the EL30-018-CD model refers to an Ecoflo linear biofilter with 18 modules, installed on 30 cm thick system sand layer, that is designed to treat 1,710 litres per day.

1.8 MAIN COMPONENTS OF THE ECOFLO LINEAR BIOFILTER TREATMENT MODULE

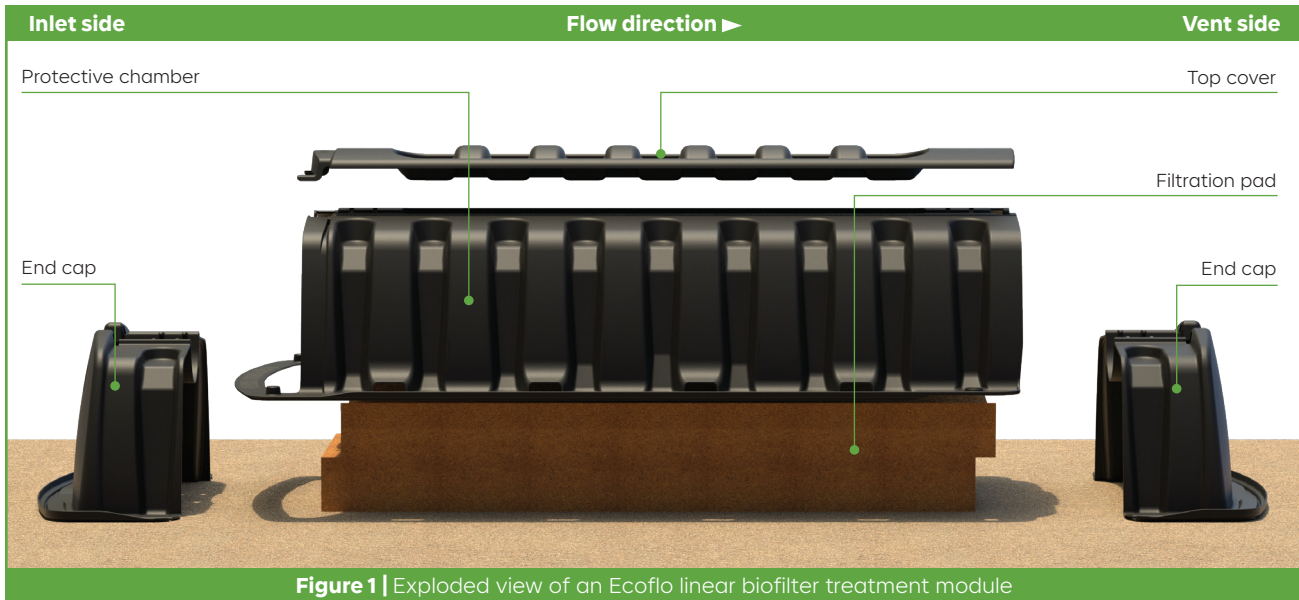
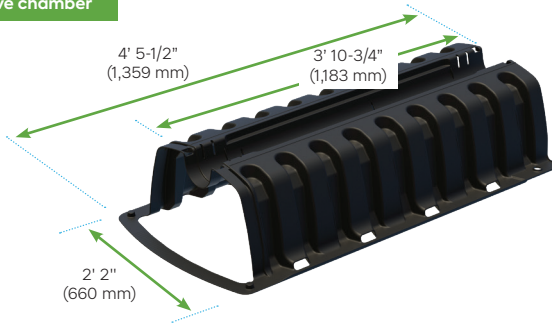


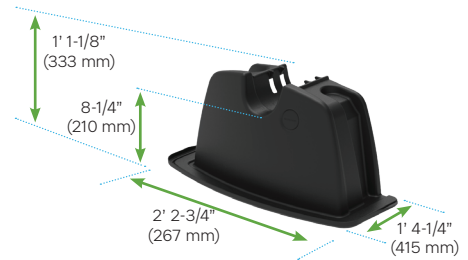
Table 2: Description of Ecoflo linear biofilter components

Component	Material	Functions and details
Sand layer	Sand	<p>Not provided by Premier Tech Water and Environment.</p> <p>EL15 system sand consists of typical filtration/septic sand with the following characteristics: an effective diameter d10 between 0.150 and 0.60 mm (mesh 100-30) and d60 between 0.500 to 2.000 mm (mesh 35-100), a coefficient of uniformity (Cu) 2-6, no more than 5% fines passing through a 0.075 mm sieve (mesh 200), no more than 20% coarse through a 4.760 mm sieve (mesh 4), and no material bigger than 9.520 mm (3/8").</p> <p>EL30 system sand consists of typical filtration/septic sand with the following characteristics: an effective diameter between 0.15 mm and 0.60 mm, d60 minimum of 0.500 with a coefficient of uniformity between 2.5 and 8, no more than 5% fines passing through a 0.074 mm sieve, and a percolation time of at least 4 and no more than 12 min/cm, or according to local regulations.</p>
Collection and sampling tray	Polyethylene	48" x 24" (1,200 mm x 600 mm)
Filtration pad	Consolidated coco fibers	<p>Performs wastewater treatment</p> <p>Nominal 48" x 16" x 8" (1.18 m x 0.40 m x 0.20 m)</p>
Protective chamber	Polypropylene	<p>Protects system components and distributes water on the filtration pads.</p> <p>53-1/2" x 26" x 12" (1.36 m x 0.66 m x 0.30 m)</p>
End caps	Polypropylene	Closes runs and allows piping connection.
Top cover	Polypropylene	Allows distribution channel access, protection, and chamber stabilization.

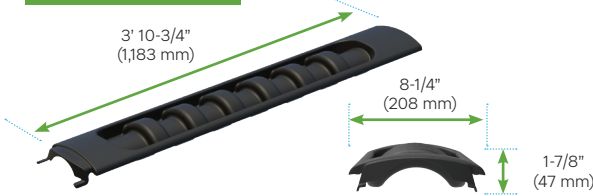
Protective chamber



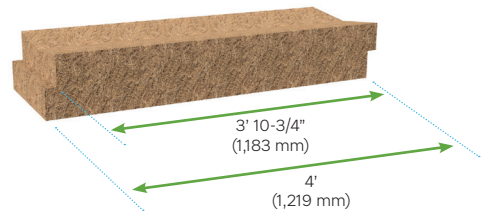
End cap



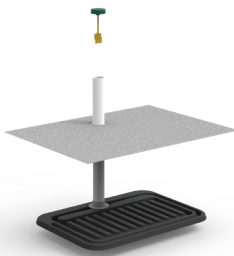
Top cover



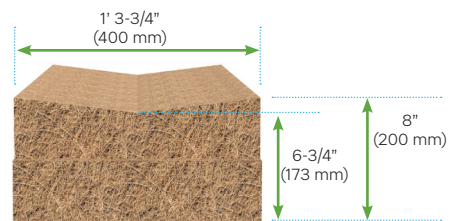
Filtration pad



Sampling device



Vent stack(s)



2 INSTRUCTIONS FOR USE

2.1 TYPES OF WATER THAT CAN BE TREATED

WASTEWATER CHARACTERISTICS

The treatment performance of the Ecoflo linear biofilter depends on the wastewater's characteristics. Wastewater must be of domestic origin to be compatible with the biological treatment process and to ensure a sustainable treatment performance (neutral pH, sufficient alkalinity, and the absence of inhibitory substances).

DRINKING WATER TREATMENT SYSTEM

Backwash from domestic water treatment devices may adversely affect a septic system. Premier Tech always recommends keeping them out of your system and to discharge them into an independent dispersal component if local jurisdiction allows for one.

Otherwise, you must follow state and local regulations for tank and dispersal area sizing. Please contact Premier Tech for recommendations when discharging backwash directly in your septic system.

2.2 RECOMMENDATIONS

Keep the following products out of your sinks, toilets, and treatment system:

- oil and grease (engine, frying, etc.)
- wax and resin
- paint and solvent
- any petroleum product
- pesticides of all kinds
- any form of septic/primary tank additive
- non-biodegradable objects (coffee beans, cigarette butts, sanitary napkins, tampons, condoms, cotton swabs, etc.)
- pharmaceuticals
- pipe or conduit cleaners
- toxic products
- household cleaning products in large quantities



Follow these guidelines:

- Never open the lid or access the inside of your septic system.
- Never cover or bury the lids of any component of your septic system. Backfill should be no higher than 50 mm (2") below the lid.
- Never discharge backwash water from a water softener into your septic system.
- Never connect a drainage line, roof gutter, sump, dewatering pump, or air conditioning drain to your septic system.
- Never use an automatic toilet cleaner.
- Never plant a tree within 2 m (6') of the Ecoflo linear biofilter.
- Never discharge wastewater from a recreational vehicle (tent-trailer, caravan, etc.) into your septic system.
- Never drive a vehicle or place an object weighing more than 225 kg (500 lb) within 3 m (10') of the dosing device.
- Never drive a vehicle over or place an object weighing more than 340 kg (750 lb) within 2 m (6') of the treatment system.

Complying with these instructions contributes to the septic system's proper functioning and may help increase the Ecoflo linear biofilter treatment system's lifespan. Failure to comply with these guidelines may result in the invalidation of the warranty at Premier Tech's discretion.

2.3 WHAT YOU NEED TO KNOW

RESPONSIBILITY OF THE OWNER

The owner must comply with the requirements of existing laws and regulations that apply in terms of system treatment performance and quality of the water discharged into the environment. Responsibility for the design, construction, use, and maintenance of a wastewater treatment system relies on the owner.

BEWARE OF HEAVYWEIGHT VEHICLES

It is important not to drive a vehicle and never place heavy objects weighing more than 340 kg (750 lb) within 2 m (6') of the Ecoflo linear biofilter. When any work is being carried out, it is very important to notify all concerned parties (installer, landscaper, owner, snowblower, etc.) of the installation's location to avoid damaging the septic system components. We recommend identifying and taking note of the location of the various components of your septic system.

ABOUT YOUR HOME

Your home must have a functional vent and plumbing that comply with the applicable standards of your local building code. Premier Tech strongly recommends the use of a 100 mm (4") nominal PVC SDR-35 pipe for the ventilation. Obtain authorization from your local authorities and inform Premier Tech before making changes to your home or modifying the Ecoflo linear biofilter. Failure to comply with these guidelines may result in the invalidation of the warranty at Premier Tech's discretion.

3 MAINTENANCE

3.1 PRIMARY TREATMENT

It is essential to comply with the septic/primary tank servicing and maintenance requirements prescribed by local regulations and the manufacturer to ensure your septic system's proper functioning.

If your home has a sink garbage disposal, we strongly recommend emptying your septic/primary tank more frequently. The use of a garbage disposal system leads to a greater accumulation of sludge in the septic/primary tank. We recommend keeping the invoices with your owner's manual as proof of your septic system maintenance.

3.2 EFFLUENT FILTER

Under the normal operating conditions described in this document, a regulatory compliant effluent filter should function throughout the septic/primary tank's lifespan. To ensure this, the effluent filter must be cleaned each time the septic/primary tank is emptied, as established and suggested by local authorities. The condition of the effluent filter must be checked once a year and cleaned if needed. The presence of outlines that arrive at more than 75 mm (3") over the outlet's invert and that are noticeable on the effluent filter casing and tank walls is a sign of a clogged effluent filter.

3.3 DOSING DEVICE

Whether you have a dosing device or a pumping station, it is normal for residue to accumulate over time due to the composition of wastewater. Excessive sludge accumulation may decrease its working amplitude, leading to smaller doses applied on the treatment system, but without impairing water flow to the system. It is therefore important to clean the dosing device or pumping station during your system's annual maintenance its proper functioning and to ensure that it delivers a proper wastewater dose to each row.

The pumping station has electro-mechanical components. Therefore, Premier Tech recommends conducting an annual preventive inspection. The pumping station is equipped with a high-water-level float connected to an alarm system. In case of pump failure, water level will increase until it reaches the high water level float which will activate the alarm. Contact your septic system installer if this happens.

3.4 ECOFLO LINEAR BIOFILTER

For the EL15 model series only (certified according to NSF standard 40), unless a state or local jurisdictions, or permitting agencies, requirements in terms of maintenance frequencies, permits or approves the Ecoflo linear biofilter with a maintenance and inspection frequency longer than the six months prescribed under NSF policies, a two-year initial service policy is included in the original purchase price of the unit. This initial service policy provides 4 service/inspection visits at a 6 months interval. These costs do not include: annual subscriptions for maintenance and inspection following the first 2 years. We recommend using the provided observation ports during your system's annual maintenance to inspect for improper functioning or for excessive biomat accumulation within the protective chambers. The presence of biomat on the surface of the filtration pads and the sand layer is normal, but excessive biomat accumulation may lead to water flowing off the surface of the filtration pads and down their sides. In the event of excess biomat accumulation, contact a Premier Tech representative for a more extensive investigation and intervention.

The sampling device does not need to be maintained, but the protective cap must remain in place.

The ventilation shaft(s) requires no maintenance. Ensure its opening is unobstructed (debris, rocks, snow, etc.) and that there is proper air circulation. Vents must be above grade and not capped or covered. The vent height shall not be covered by snow or ice during the winter. It is recommended that the minimum vent height is 60 cm (2') from surface grade during this period.

It is not recommended to have the vent opening(s) lowered to grade due to risks of intrusion of pests, obstruction from debris/grass/leaves, infiltration of runoff water, or overgrown vegetation. If the vent is lowered during months without snowfall, it must be installed in a manner to prevent these stated risks and not restrict air flow. Minimal height should be 30 cm (1 foot). Decorative accessories for vents and septic tank covers are available at <https://shop.premiertechaqua.com/en/collections/decorative-accessories-for-septic-tanks>.

The table 2 below summarizes maintenance activities proposed by Premier Tech for all components of the Ecoflo linear biofilter.

For any information regarding maintenance and operation of the Ecoflo linear biofilter, please contact Premier Tech Water and Environment at 1 800-632-6356.

Table 3: Recommended maintenance activities for each visit

Item	To do
Dosing device and distribution box (when applicable)	Verify performance. Clean and adjust levelers.
Pumping station (when applicable)	Verify structural integrity. Test pump and floats.
Low-pressure pipes (when applicable)	Inspect manifold condition (if accessible). Backflush and clean pipes.
Filtration pads	Verify condition of the pads' surface with a camera through the observation port.
Protective chambers	Verify structural integrity.
Absorption area (presence of water into the sand layer)	Verify water level.
Area around installation	Verify general site condition and inspect for overly saturated soil, seepage, etc.
Septic/primary tank	Verify structural integrity. Measure sludge and scum.
Effluent filter	Clean effluent filter.

4 WHAT TO DO IN CASE OF...



4.1 FLOOD

Some areas are prone to flooding or upwelling. Both can interfere with the proper functioning of your septic system. Please notify Premier Tech Water and Environment after-sales service if this happens at your home.



4.2 BACKFLOW

Sewage backup in a residence happens rarely. The septic/primary tank is usually the primary main. Call your system's installer or your local septic/primary tank service provider to correct the situation.



4.3 ODOURS

Any septic system is likely to generate gases and, consequently, odours. The positioning of the residence's vent, as well as other surrounding factors unrelated to the treatment system itself, can affect the dispersion of gases. If you notice any foul odours, Premier Tech Water and Environment service will help you find the cause(s).



4.4 A PROLONGED POWER FAILURE (FOR INSTALLATION WITH PUMPING STATION)

Protect the system's components against freezing in the event of a prolonged winter power failure, or if you are planning to shut down your system in winter.

If one of these situations occurs, or If you have any questions about restarting your system, contact Premier Tech Water and Environment.

If you have any questions, comments, or concerns, do not hesitate to contact Premier Tech Water and Environment at 1-800-632-6356.

APPENDIX 1 | NOTICE OF OWNERSHIP CHANGE

THIS FORM MUST BE RETURNED TO PREMIER TECH WATER AND ENVIRONMENT

1, Premier avenue, Premier Tech Campus, Rivière-du-Loup, Quebec G5R 6C1
or info.ptwe.na@premiertech.com

Have you recently sold or purchased a property where wastewater was treated by a Premier Tech system? Please complete the information below to the best of your knowledge to ensure a quick and accurate update of the client file.

Name			
Indicate if you are	<input type="checkbox"/> Former owner <input type="checkbox"/> New owner	Premier Tech customer number	

Address of the site where Premier Tech's system is installed				
Address	Street	City	Province/State	Postal code/Zip code

Name of new owner

Mailing address (if different from the site where the system is installed)				
Address	Street	City	Province/State	Postal code/Zip code

Language of correspondence	<input type="checkbox"/> English <input type="checkbox"/> French	Correspondence method	<input type="checkbox"/> Email <input type="checkbox"/> Postal service
----------------------------	---	-----------------------	---

Phone	(office)	Phone	(home)	Email
-------	----------	-------	--------	-------

I declare that the residence where a Premier Tech system is installed as indicated at the site address has changed or will change ownership on this date:

Date

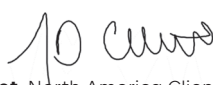
If you are the FORMER owner	
<input type="checkbox"/> I have provided the owner's manual and the system warranty certificate that is included with this document to the new owners. I informed them that local regulations require that the annual maintenance contract stipulating that maintenance must be performed on the system be renewed every year (no later than December 31 of each year) and that this is essential for them to benefit from the product's warranties and to ensure that the system complies with the regulations.	
Signature	Date

If you are the NEW owner	
<input type="checkbox"/> I declare that I have received the manual owner's manual and the warranty certificate and I agree to abide by their conditions.	
<input type="checkbox"/> I understand that annual maintenance for all treatment systems is required by local regulations and that I must renew my annual maintenance contract every year (no later than December 31 of each year) to benefit from the product's warranties and ensure that the system complies with the regulations.	
Signature	Date

APPENDIX 2 | ANNUAL MAINTENANCE PROGRAM AND WARRANTY ACTIVATION FORM

Dear Customer,

Congratulations on your acquisition of a Premier Tech system! To activate your warranty, please complete and return this document to Premier Tech. This document will also confirm your registration to our Annual Maintenance Program. Annual maintenance is important to ensure optimal performance of your Ecoflo compact biofilter and essential to maintain its warranty. thus, it is recommended that your registration to the maintenance program be renewed every year. In addition, depending on local regulations annual maintenance may be mandatory. Premier Tech or a local service contractor will perform the annual maintenance of your system. Please do not hesitate to contact us at **1-800-632-6356** or write to us at info.ptwe.na@premiertech.com if you have any questions.

Customer's name			
Address of installation			
Number	Street	City	Province/State Postal code/Zip code
Mailing address			
Number	Street	City	Province/State Postal code/Zip code
Phone		E-mail	
Home	Work		
Language		Preferred means of communication	
<input type="checkbox"/> English <input type="checkbox"/> French		<input type="checkbox"/> Email <input type="checkbox"/> Postal service	
NPDES GP4 required		<input type="checkbox"/> No <input type="checkbox"/> Yes (by checking this box, Premier Tech will cover the sampling service under additional fees)	
Model	Quantity	Installation date	Serial number
<input type="checkbox"/> Ecoflo compact biofilter			
<input type="checkbox"/> Ecoflo linear biofilter			
<input type="checkbox"/> Classic UV disinfection (DiUV)			
<input type="checkbox"/> Self-cleaning UV disinfection (DiUV)			
<input type="checkbox"/> Nitrogen reduction (ECDn)			
<input type="checkbox"/> Disinfection filter (FDi)			
<input type="checkbox"/> Phosphorus removal (DpEC)			
<input type="checkbox"/> Premier Tech sand filter			
Residence type		Number of bedrooms	
<input type="checkbox"/> New construction <input type="checkbox"/> Secondary			
Installation type		<input type="checkbox"/> Principal <input type="checkbox"/> Repair of existing system	
If waterfront		<input type="checkbox"/> Lake <input type="checkbox"/> Ocean <input type="checkbox"/> River	
Please indicate if your property is not accessible by car, and, if so, by which means of transportation you will make available to have the maintenance visit done		<input type="checkbox"/> Boat <input type="checkbox"/> 4X4 <input type="checkbox"/> Air <input type="checkbox"/> Other _____	
Soil test performed by		PREMIER TECH TECHNOLOGIES LTD	
		Represented by	
Company's name		 Jean-Daniel Chabot , North America Client Solutions Director	
Plans designed by		I declare having read the information contained in the Owner's Manual as well as the Premier Tech Maintenance Program and Agreement Terms & Conditions on back of this document. I understand this information, the scope of these conditions and my responsibilities as user of an onsite treatment system and I agree to adhere and annually renew the Annual Maintenance Program of Premier Tech as required by the local regulation in effect.	
Company's name			
Installer			
Company's name			
Signed in	this	Owner's signature	
City	Date		

IMPORTANT REMINDER
 According to certain regulations in effect, this document must be sent to your municipality as proof of registration with the Premier Tech Maintenance Program. Please inquire with your municipality.

TERMS & CONDITIONS

OBLIGATIONS OF PREMIER TECH

1. Premier Tech agrees, after all applicable fees have been paid by the User, to perform the maintenance services of the Treatment Systems and other components identified on the front of this document (hereinafter referred to as « Treatment Systems ») installed on the property of the User for a period of one (1) year or more as required by the regulation in effect. Please refer to the Maintenance section of the Owner's Manual for more details regarding what is included and excluded in the maintenance service of your Treatment System.
2. The maintenance of the Treatment System must be performed by Premier Tech, a representative of Premier Tech or a authorized third party. Unless a state or local jurisdictions, or permitting agencies, requirements in terms of maintenance frequencies, permits or approves the Ecoflo compact biofilter with a maintenance and inspection frequency longer than the six months prescribed under NSF policies, a two (2) years initial service policy is included in the original purchase price of the unit. This initial service policy provides four (4) service/inspection visits at a six (6) months interval.
3. The price of the annual maintenance Agreement must be paid to Premier Tech by the User and renewed annually by the User. These costs cover the services detailed in the Owner's Manual. This amount does not include the cost of purchase, installation, replacement or any repair required on a Treatment System not covered by the manufacturer as per the terms of the Warranty Certificate of the system inside the Owner's Manual.

For more information about the maintenance of your Treatment System, please consult the Owner's Manual or contact us at 1-800-632-6356. One of our Customer Service representatives will be happy to assist you. Premier Tech and the User acknowledge that this Agreement is related to the purchase of a Treatment System by the User and that it is only valid if such a purchase was made.

OBLIGATIONS OF USER

4. The User agrees to provide a duly completed and signed copy of this Agreement to Premier Tech in order for the annual maintenance to be performed on the Treatment System and the warranty to be honored by Premier Tech. A valid maintenance Agreement being an essential condition to the validity of the warranty of the Treatment System (please refer to the Certificate of Warranty of the Owner's Manual).
5. When local regulations in effect require it, the User agrees to provide a duly complete and signed copy of this Agreement to the municipality where the Treatment System was installed (please validate if this is necessary with your municipality).
6. The User agrees to grant access to the installed Treatment System to Premier Tech, a representative of Premier Tech or a duly authorized third party in order for the maintenance to be properly completed. The lids of the Treatment System shall at all times remain accessible and free of any encumbrance. Additional fees will be charged to the User if the annual maintenance must be postponed to a later date if Premier Tech, a representative of Premier Tech or a authorized third party cannot access the Treatment System to perform the maintenance as planned.
7. Should the access of the User's premises not be practicable for vehicles, the User agrees to provide to Premier Tech, a representative of Premier Tech or a authorized third party with reasonable and practicable access so that the services detailed in this Agreement can be performed.
8. The User acknowledges receipt of a copy of the Treatment System Owner's Manual from Premier Tech or the installer of the Treatment System. The User acknowledges having read and understood this document and agrees to comply with the directions and guidelines contained in the Owner's Manual regarding the use of the Treatment System.

9. The User hereby agrees to keep the Owner's Manual, the Annual Maintenance Program and Warranty Activation Form, the Warranty Certificate and the Proofs of Maintenance provided annually by Premier Tech, a representative of Premier Tech or a authorized third party. The User also agrees to provide all these documents. To any subsequent purchaser of the premises so that the new User may benefit from the Premier Tech Maintenance Program, enjoy the protections offered by all Premier Tech warranties and be informed of the terms and conditions of the Warranty Certificate and of the obligations of the User of an onsite treatment system.
10. The User agrees to make no changes in the use or function of the building serviced by the purchased Treatment System, nor any modification to the system's installation as originally specified and approved by the municipality under applicable laws and regulations. Any change or modification shall only be made if pre-authorized jointly by the municipality and Premier Tech. Any change or modification without prior authorization from Premier Tech will void the warranty of the Treatment System.

TERM AND RENEWAL

11. This Agreement will expire two (2) years after the installation of the Ecoflo compact biofilter and/or the date of signature of the registration form to the maintenance program.
12. Premier Tech will send to the user at least sixty (60) days before the expiration of the maintenance period included with the purchase an offer concerning the maintenance programs and services to come.

GOVERNING LAWS AND JURISDICTION

13. For Canadian customers:
 - 13.1. The present Agreement shall be interpreted and governed in accordance with the laws applicable in the Province of Quebec, Canada.
 - 13.2. Parties agree to elect the courts of the district of Kamouraska (Province of Quebec, Canada) exclusively as the proper forum for the hearing of any claim or legal proceedings in connection with the present Agreement.
14. For U.S. customers:
 - 14.1. This Agreement shall be governed by the laws in effect in the State in which this Agreement has been entered into.
 - 14.2. The Parties agree, in respect to any claim or legal proceedings for any purpose whatsoever in connection with this Agreement, to elect the county of Bucks County (Pennsylvania) as the proper forum for the hearing of any claim or legal proceedings to the exclusion of any other judicial district which may have jurisdiction to hear such dispute according to the requirements of the law.
 - 14.3. For Arkansas, California, Florida, New Jersey, North Carolina, Ohio, Virginia and Washington, please validate the requirement of the local regulation in effect with your municipality to find out more about the responsibility of the homeowner regarding the maintenance of a wastewater treatment system for an isolated dwelling.

ECOFLO COMPACT AND LINEAR MAINTENANCE PROGRAM (if applicable)

Depending on the territories, the purchase price of the Ecoflo compact biofilter may include one of the three following maintenance services:

1. The costs of a Courtesy Visit for which a local service partner will visit the property within 90 days of the activation of the Ecoflo compact biofilter to explain the functioning of the septic system, its annual maintenance program and perform a visual inspection to verify that:
 - a) the tipping bucket and distribution plates are properly in place
 - b) the electrical equipment (if applicable) has been hooked-up
 - c) guidelines regarding distances around the system and surcharges to avoid placing on the unit have been respected
 2. The cost of the first annual maintenance which will be performed by the local service partner during the year following the purchase of the system.
- or
3. As required by local regulations.

Contact the Premier Tech Customer Service at 1-800-632-6356 for more details or if you have any questions.

IMPORTANT

The system's Courtesy Visit consist of a visual inspection limited to the products manufactured or sold by Premier Tech and it excludes any validation of the proper installation or functioning of the treatment system.



PT Water and Environment

1, avenue Premier +1 800 632-6356
Campus Premier Tech F. 418 867-8883
Rivière-du-Loup (Québec) info.ptwe.na@premiertech.com
G5R 6C1 CANADA PT-WaterEnvironment.com

APPENDIX 3 | CERTIFICATE OF WARRANTY FOR THE ECOFLO LINEAR BIOFILTER

1. PREAMBLE

Premier Tech Water and Environment Ltd. (hereinafter called "Premier Tech") provides its customers an exclusive warranty on Premier Tech's wastewater treatment system filtering medium and manufacture components.

For the application and interpretation of this warranty, "customer" shall mean the person who has purchased an Ecoflo linear biofilter (hereinafter called "initial purchaser") for a residential installation, as well as any subsequent purchaser (hereinafter called "subsequent purchaser(s)"), in accordance with the provisions of section 8 of this warranty. "Successor(s)" shall mean any other person entitled to exercise the same rights as the customer under the law.

2. NATURE OF THE WARRANTY

Premier Tech warrants to the customer that the Ecoflo linear biofilter filtering medium will be free from manufacturing defects for a period of twenty-four (24) months from the date of delivery to the original purchaser or their representatives (as per the delivery notes).

Subject to certain limitations, such as those set forth in the previous paragraph, Premier Tech warrants the plastic components used in the manufacturing of the Ecoflo linear biofilter, namely the Top Cover, the Protective Chamber, and the End Caps, as illustrated in the attached image, against manufacturing defects for a period of twenty (20) years from the date of original purchase (proof of purchase required).

Premier Tech's contractual warranty is expressly limited to the text of this certificate and is valid provided that the Ecoflo linear biofilter is (i) installed, (ii) used, and (iii) maintained in accordance with applicable regulations, the manufacturer's standards, and Premier Tech's written recommendations and instructions. Any defect resulting, directly or indirectly, from failure to comply with any of these conditions shall render this contractual guarantee null and void, without prejudice to the remedies provided by law.

3. NOTICE

For this warranty to be valid, the customer must notify Premier Tech in writing without delay upon the appearance of any indication of an anomaly or irregularity in the Ecoflo linear biofilter.

Such notice shall be mailed to Premier Tech's Head Office at 1, avenue Premier, Rivière-du-Loup, Quebec, G5R 6C1, Canada, by facsimile at (418) 862-6642, or by email at info.ptwe.na@premiertech.com.

Upon receipt of this notice, Premier Tech shall examine the situation and, if necessary, take appropriate corrective measures in accordance with the terms of this warranty.

4. GENERAL EXCLUSIONS

The following damages or problems are excluded from the warranty:

- (a) any damage or problem caused by a fortuitous event or "force majeure", such as, without limiting the generality of the foregoing, an earthquake, a flood, frost, hurricane, landslide, explosion or dynamiting;
- (b) any damage or problem caused by the fault or act of a third party including, without limiting the generality of the foregoing, the execution of landscaping work;
- (c) any damage or problem arising from a defective installation, design, or construction carried out by a person trained by Premier Tech, or any installation, design, construction, modification, correction, or addition carried out by a person not trained by Premier Tech;
- (d) any damage or problem arising from any installation, design construction, modification, correction, or addition to the treatment system carried out after installation of the Ecoflo linear biofilter without prior written approval from Premier Tech;
- (e) any damage or problem caused by the use of a septic/primary tank manufactured by a third party;
- (f) any damage or problem, if it is shown that the usage of the Ecoflo linear biofilter was not in accordance with the instructions and guidelines described in the owner's manual;
- (g) any damage or problem, if the maintenance or inspection of the Ecoflo linear biofilter was not carried out by a person authorized by Premier Tech, in accordance with the maintenance agreement;
- (h) any damage or problem caused by an omission or act of the customer or the customer's successors including, without limiting the generality of the foregoing, refusal to allow access to the system for maintenance;
- (i) any damage or problem, if it is found that the customer or the customer's successors have modified or changed the use of the property serviced by the Ecoflo linear biofilter resulting in the alteration of the nature or quality of wastewater being treated and/or that constitutes a violation of the applicable regulations;
- (j) any damage or problem caused by and/or resulting from the work carried out to access to the Ecoflo linear biofilter including, without limiting the generality of the foregoing, excavation, snow removal or demolition;
- (k) any damage or problem resulting from the condition of the site or of the soil and not reported or not properly reported to Premier Tech by the customer or the person undertaking the site investigation.

5. PARTICULAR EXCLUSIONS

It is further expressly understood that the customer may not carry out or cause to be carried out any repair or verification of the Ecoflo linear biofilter sold to him/her, or attempt to carry out any work or to apply any corrective measures whatsoever to said work, before notifying Premier Tech in accordance with the provisions of section 3 of this warranty and before Premier Tech has visited the site, within a reasonable time following receipt of said notice, to assess the situation.

If the customer carries out or causes to be carried out repairs or attempts to repair or to apply corrective measures of any kind whatsoever to the Ecoflo linear biofilter sold to him without prior written authorization by Premier Tech, this warranty shall be considered null and void and Premier Tech shall be considered completely discharged from any and all of its obligations under this warranty.

6. INDEMNITIES AND DAMAGES

Subject to the application of the provisions and exclusions provided for in this warranty, Premier Tech's liability and obligations regarding any corrective measure carried out or any attempt to correct an indicated problem shall be limited to replacing the Ecoflo linear biofilter's filtering medium and/or one or several components of the Ecoflo linear biofilter.

7. LIMITATION OF LIABILITY

Premier Tech's compensation or indemnification obligation shall be limited to the provisions of section 6 of this certificate of warranty and Premier Tech shall not be held liable for any other damage or loss that may have been suffered or incurred by the customer or any third party in connection with the Ecoflo linear biofilter, its parts and/or manufactured components which originate thereof.

No additional warranty, express or implied, hence excluding any direct or indirect consequential damages (not limited to but including third parties' loss) concerning the design, sale, or use of the Ecoflo linear biofilter and/or services provided by Premier Tech is hereby granted. Premier Tech's liability under its warranty obligation shall in no case exceed the cost of the Ecoflo linear biofilter's filtering medium and manufactured components.

8. TRANSFER OF OWNERSHIP

In the event of transfer of ownership, sale, assignment, or disposal in any way whatsoever of the customer's property to a third party, this warranty shall continue to apply if and only if the subsequent purchaser or the successor confirms, by forwarding the attached "Notice of ownership change" to Premier Tech within sixty (60) days, that he/she is the new owner of the property, he/she understands and is aware of the content of this certificate of warranty and accepts its terms and conditions.

The person who proceeds with the transfer, sale, assignment, or disposal of any way whatsoever of the property undertakes to hand over to the subsequent purchaser or the successor the certificate of warranty provided upon completion of the work, as well as the owner's manual and, if applicable, the Maintenance and Environmental Monitoring Program for the Ecoflo linear biofilter.

Failure to abide by the terms and conditions of section 8 of this certificate of warranty may, at Premier Tech's discretion, render it invalid or to be rejected.

9. INSPECTION

The customer and/or the customer's successors shall allow Premier Tech or its duly authorized representatives to carry out all necessary monitoring and inspections, as required, for implementation of this warranty.

If the customer and/or the customer's successors notify Premier Tech of an alleged defect or malfunction of the Ecoflo linear biofilter and that, after inspection, it is found that no such defect or malfunction exists or that such defect or malfunction is excluded from or does not apply to the warranty, a minimum charge of \$200 plus direct expenses shall be paid by the customer and/or the customer's successors for the cost of the inspection.

10. INTERPRETATION

The terms and conditions of this warranty shall be interpreted according to and governed by the provisions of this warranty and the legislation in effect in the province of Quebec.

11. PRIORITY OF THE CERTIFICATE OF WARRANTY

This warranty supersedes any contract or understanding, written or verbal, entered into between the customer and Premier Tech. In the event of contradiction between this warranty and any other documents and/or contracts entered into between the customer and Premier Tech, this warranty shall prevail.

12. PURCHASERS AND SUCCESSORS

Subject to the provisions of this warranty and especially those of section 8, this warranty shall continue to be valid for subsequent purchasers and successors and shall continue to have full effect until the end of the agreed warranty period provided for in section 2 of this certificate.

People and Technologies making a difference

Making a difference for our planet – for 100 years

At Premier Tech, People and Technologies have connected in lasting, transformative ways for the last 100 years, giving life to products and services that have helped to feed, protect, and improve our world.

We aren't slowing down. Premier Tech is 100 years young, and our experts continue to innovate and redefine what is possible through effective, efficient, and sustainable solutions. We are driven by our shared passion, and are committed to spend our next 100 years protecting our resources for the future.

- founded in 1923
- family business
- 3,000 team members in North America
- 25 manufacturing facilities in North America
- 5,200 team members worldwide

CUSTOMER SERVICE

+1 800 632-6356
info.ptwe.na@premiertech.com



PT Water and Environment

+1 800 632-6356
info.ptwe.na@premiertech.com
PT-WaterEnvironment.com



The information contained in this document was up-to-date and consistent with the information available at the time of publication. Premier Tech Ltd and its affiliated companies make no warranties or representations as to its accuracy. Because of its continuous improvement policy, Premier Tech Ltd and its affiliated companies reserve the right to change and/or discontinue the manufacture of any product and/or modify technical data and prices, for any reason whatsoever and at its sole discretion, without further notice and without liability to anyone in this regard. ECOFLO®, PREMIER TECH® and PREMIER TECH & DESIGN™ are trademarks of Premier Tech Ltd or its affiliates. For current data regarding all patent application(s) and patent(s) for this product or any part thereof, consult the website patentmarking.premiertech.com, with the following references: 1596, 2777, and 8296.

© 2026 Premier Tech Ltd. All rights reserved.