



Guide for professionals

ECOFLO **REWATEC**



Certified to CAN/BNQ standard



Certified to BNQ standard



Certified to NSF/ANSI standard



Made in Canada

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**
- **3,000 team members in North America**
- **5,200 team members worldwide in 28 countries**
- **25 manufacturing facilities in North America**
- **48 factories in 16 countries**



Through its Water and Environment business group, Premier Tech is a world leader in designing and manufacturing sustainable local solutions for:

Wastewater treatment

Residential



Commercial



Rainwater management



Together, we make green technologies accessible and continuously innovate to create solutions that last.

Premier Tech's 360° support

Since 1995, professionals have been the heart of our business.



IMMEDIATE ASSISTANCE

Experts available Monday to Friday to answer your questions.



ACCESSIBLE TRAINING

Online and in-person training programs for installers, designers, and regulators.



IN-PERSON FIELD SUPPORT

Experts go on-site to assist in resolving challenges.



FULL CUSTOMER SUPPORT

Our team supports you by assisting homeowners directly.



AFTER-SALES SERVICE FROM THE MANUFACTURER

Largest network of local partners to maintain systems and honour warranties.



PRO SPACE

Quickly find all the documents you need in one place.

- installation guides
- technical data sheets
- technical drawings
- and more

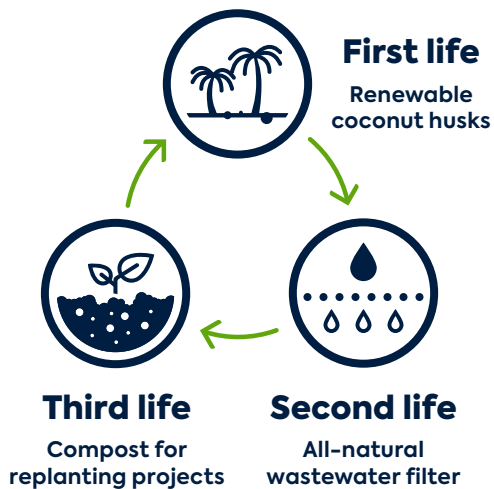
Ecoflo® is how we make a sustainable difference. Together.

Join us in the movement to make the world a better, more sustainable place. Protect your client's property and the environment by recommending Ecoflo, the most eco-responsible septic system brand.

SUSTAINABLE FILTER

Our systems remove pollutants with a filter made of coconut husk fragments, or a combination of coco and peat. Both materials are natural and compostable, and coco is 100% renewable.

COCO REGENERATES



It is not just the fruit of the coconut that matters. Coconut husks are a valuable resource as well. That is why we give them second life as a wastewater filtering medium.

Each filter offers years of effective performance.

When a filter's treatment days are over, the story of coco continues. We give it third life as compost that regenerates soils and forests near you.

We reinvented combined treatment and dispersal

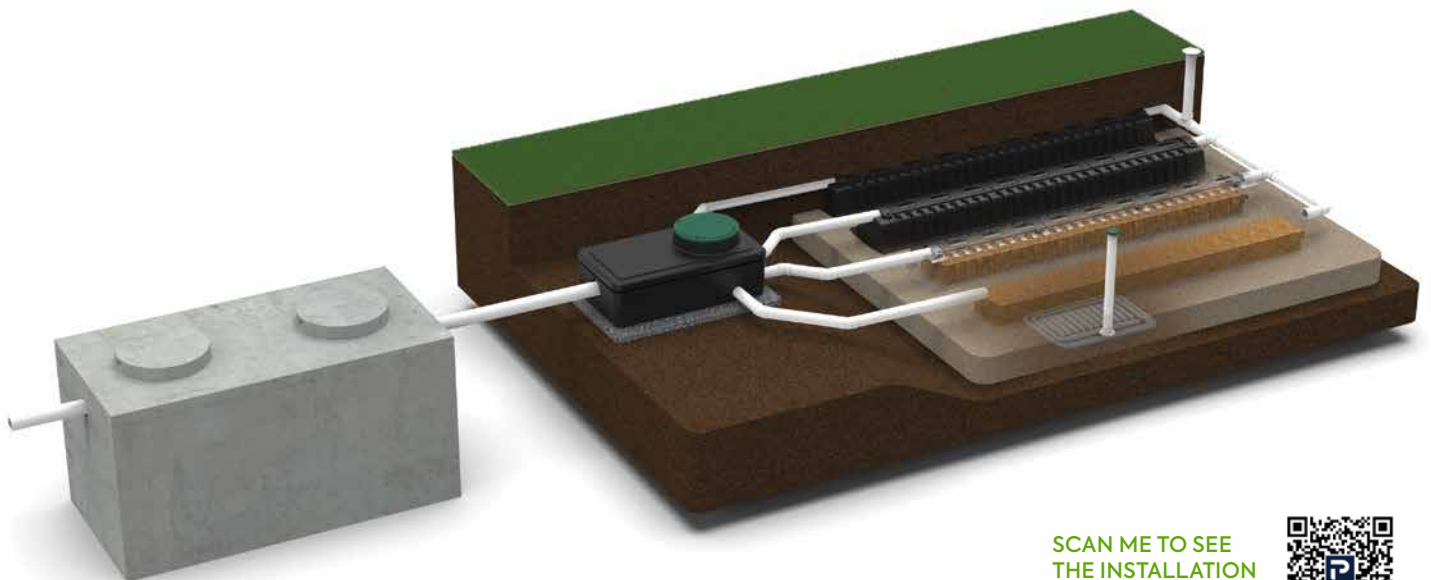
You choose combined treatment and dispersal because it is reliable. It makes sense for many sites. But the products on the market are not perfect. They have some problems. Now we have solutions.

YOU WANT

- Alternatives to C33 sand
- Uniform wastewater distribution
- Quick and headache-free installation
- A reusable system
- A repairable system

> WE OFFER

- Regular septic sand in place of C33 sand
- Integrated distribution channel with a robust dosing device
- Intuitive installation design with 360° manufacturer support
- Reusable hard components and a renewable filtering medium
- System access



SCAN ME TO SEE
THE INSTALLATION
GUIDE VIDEO



The Ecoflo linear biofilter eliminates the need for C33 sand. Plus, you get uniform wastewater distribution and ease of access. It is the solution you want from the brand you trust.

Robust chamber

Inspection port

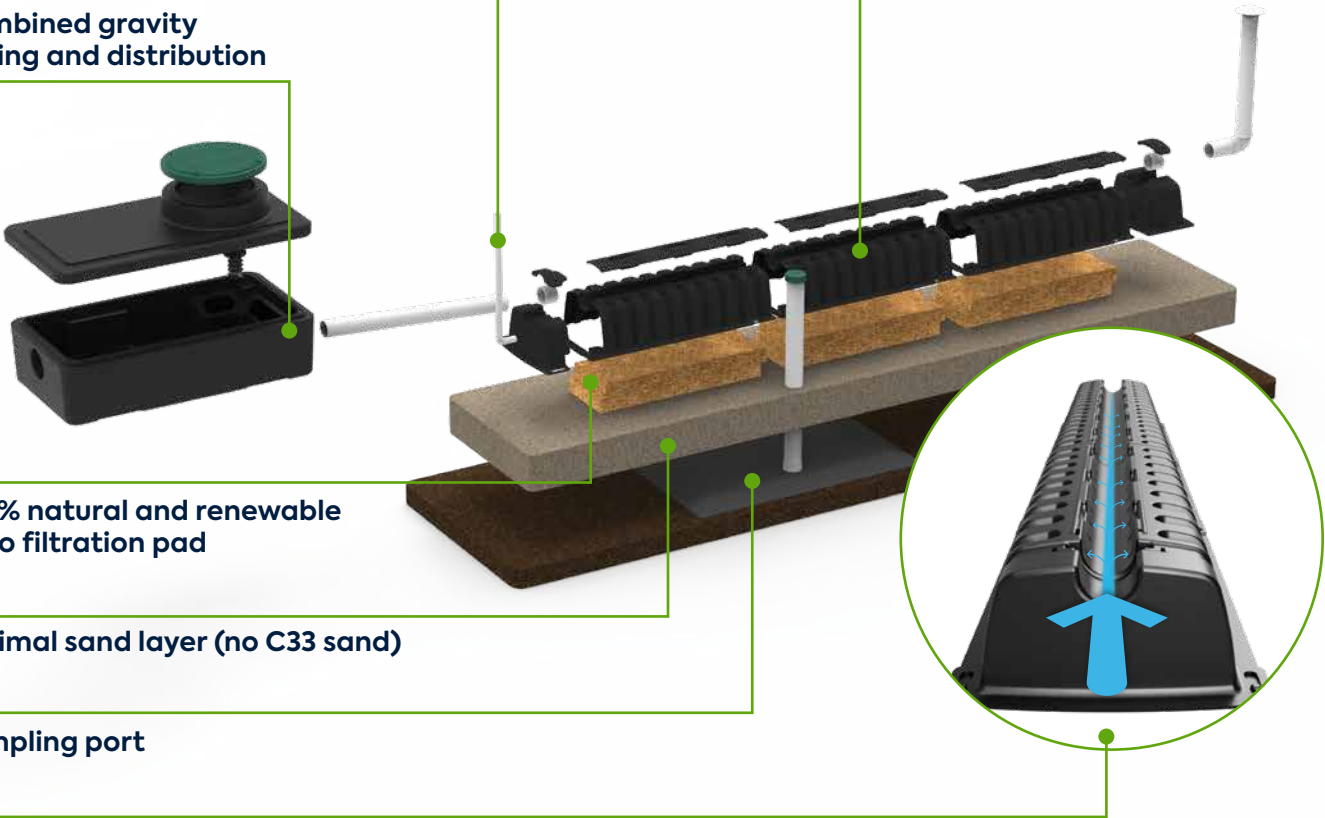
Combined gravity dosing and distribution

100% natural and renewable coco filtration pad

Minimal sand layer (no C33 sand)

Sampling port

Built-in distribution channel



Various bed and trench configurations are possible.

**AVAILABLE IN
ONTARIO ONLY**

ECOFLO[®]

Linear
biofilter

Homeowner benefits

PEACE OF MIND

- zero-energy treatment
- 24/7 autonomous operation
- minimal maintenance

DISCREET INSTALLATION

- smaller than a traditional drain field
- integrates seamlessly into landscape
- noiseless and odourless

EASY TO REFURBISH

- filter life expectancy is 20+ years
- reusable hard components
- minimal excavation process



HOMEOWNER TOUCHPOINT

After each installation, we contact new owners to explain the Ecoflo linear biofilter's dos and don'ts. We make sure their septic system is working perfectly, and we answer their questions.

MAINTENANCE

We have a province-wide network of partners, annually trained by us to protect your client's investment in their Ecoflo linear biofilter.

SYSTEM REFURBISHMENT AT A FRACTION OF THE PRICE

Changing the filtering medium in the Ecoflo linear biofilter is as good as getting a brand new system!

The system's coco filtering medium effectively treats wastewater for 20 years or more. But like all filters, it will eventually clog. Usually, a clogged system would have to be excavated and replaced.

Instead, we replace only the filter:

- minimal excavation required
- 100% compostable filtering medium
- renewal of original warranty on treatment performance



Specifications

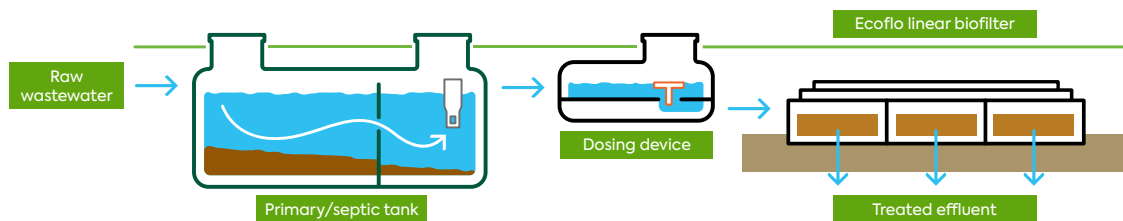
TREATMENT PERFORMANCE

	Influent	B-IV Class of CAN/BNQ 3680-600 standard	Ecoflo linear biofilter effluent*
TSS	278 mg/L	10 mg/L	4 mg/L
CBOD₅	238 mg/L	10 mg/L	5 mg/L
pH	7.6	6.0-9.0	7.1

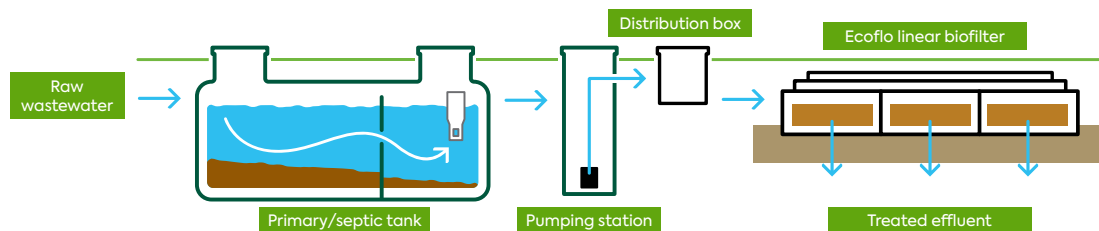
* Model EL30.

DISTRIBUTION OPTIONS

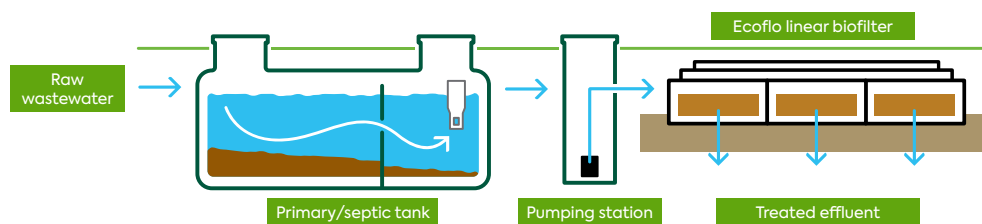
Gravity



Pump to gravity



Low pressure



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DESIGN GUIDES



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GUIDE PDF

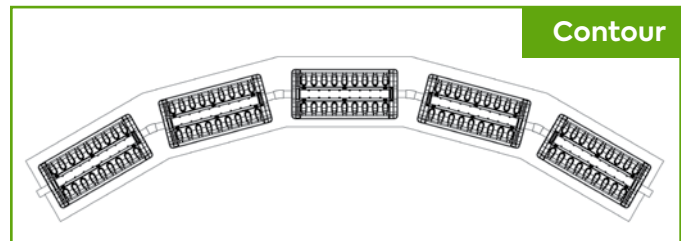
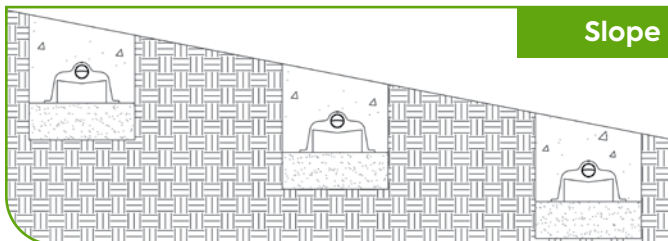
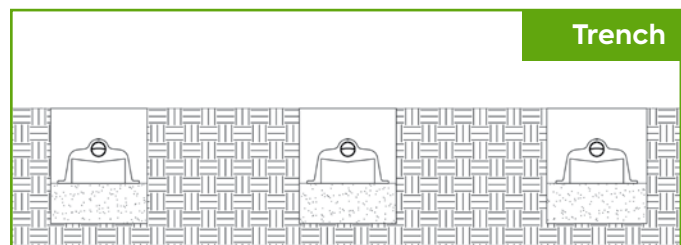
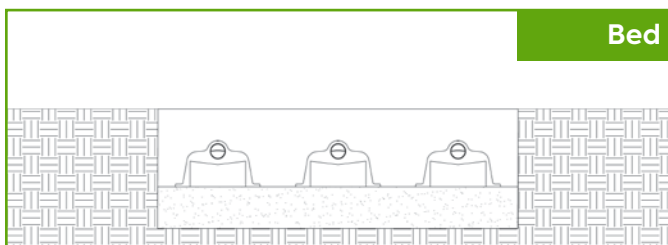


SCAN ME TO SEE
THE INSTALLATION
GUIDE VIDEO



SUGGESTED CONFIGURATIONS

The Ecoflo linear biofilter can be installed in a raised, partially raised, or in-ground configuration.



MINIMUM NUMBER OF MODULES REQUIRED

Design flow (L/d)	One treatment line	Two treatment lines	Three treatment lines	Four treatment lines	Five treatment lines
750	8	2 x 4	3 x 3	4 x 2	—
1,100	12	2 x 6	3 x 4	4 x 3	—
1,600	17 P	2 x 9	3 x 6	4 x 5	5 x 4
2,000	21 P	2 x 11	3 x 7	4 x 6	5 x 5
2,500	26 P	2 x 13	3 x 9	4 x 7	5 x 6
3,000	32 P	2 x 16 P	3 x 11	4 x 8	5 x 7

P Low-pressure distribution required.

MINIMUM DISTANCES TO RESPECT

The Ecoflo linear biofilter must be installed in a location:

- free of motorized traffic
- unlikely to be submerged
- accessible to service and maintenance
- 2 m (6') from any tree
- conforming with local regulations

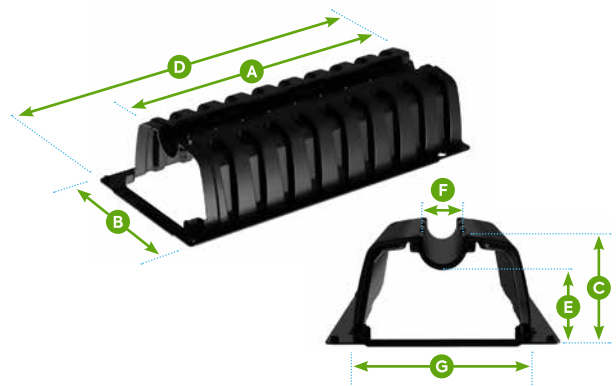
The parts



Protective chamber

Effective length	A	1,183 mm (3' 10-3/4")
Width	B	660 mm (2' 2")
Height	C	292 mm (11-1/2")
Overall length	D	1,359 mm (4' 5-1/2")
Inlet invert	E	210 mm (8-1/4")
Channel width	F	114 mm (4-1/2")
Inner width	G	410 mm (1' 4-1/4")
Weight*		10.6 kg (23.3 lb)
Material		ABS

* Weights are for handling and lifting purposes only. They are approximate and non-binding.



Caps

		Inlet cap	End cap
Length	A	195 mm (7-3/4")	415 mm (1' 4-1/4")
Width	B	267 mm (2' 2-3/4")	
Height	C	333 mm (1' 1-1/8")	
Inlet invert (from sand layer)	D	210 mm (8-1/4")	
Inlet diameter		114 mm (4-1/2")	
Weight*		2.19 kg (4.8 lb)	2.7 kg (6 lb)
Material		ABS	

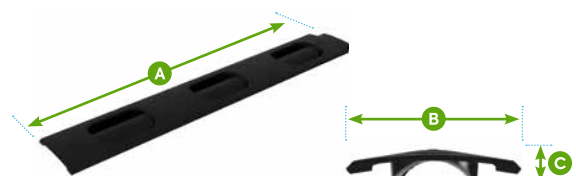
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Top cover

Length	A	1,183 mm (3' 10-3/4")
Width	B	208 mm (8-1/4")
Height	C	47 mm (1-7/8")
Weight*		1.9 kg (4.2 lb)
Material		ABS

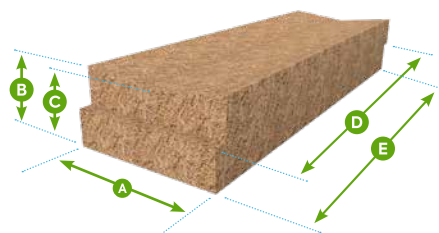
* Weights are for handling and lifting purposes only. They are approximate and non-binding.



Filtration pad

Width	A	400 mm (1' 3-3/4")
Overall height	B	200 mm (8")
Height at centre	C	173 mm (6-3/4")
Effective length	D	1,183 mm (3' 10-3/4")
Overall length	E	1,219 mm (4')
Weight*		9 kg (19.8 lb)
Material		Coco fibres and latex

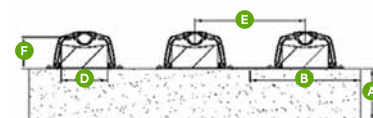
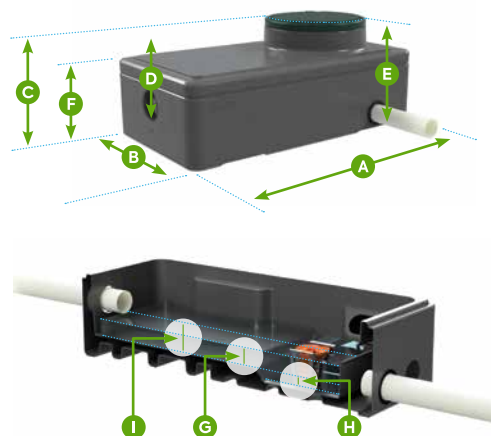
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Dosing device

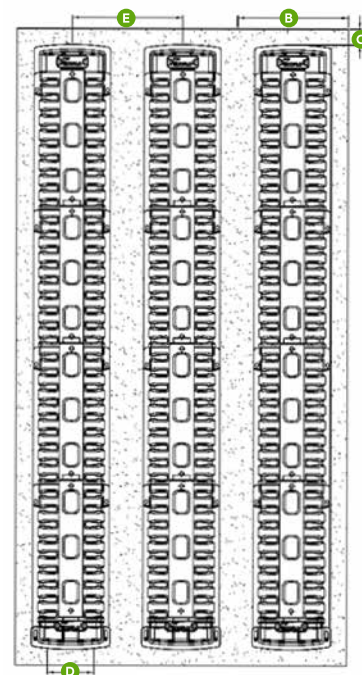
Hydraulic capacity		3,500 L/d (925 gpd)
Discharge		Gravity
Number of outlets		1 to 5
Length	A	1,575 mm (5' 2")
Width	B	850 mm (2' 9-1/2")
Total height assembled	C	645 mm (2' 1-3/8")
Inlet height from top	D	389 mm (1' 3-1/4")
Outlet height from top	E	539 mm (1' 10")
Upper lid height	F	465 mm (1' 6-1/4")
Dose height	G	80 mm (3-1/8")
Residual water height	H	55 mm (2-1/4")
Overflow height	I	100 mm (4")
Transportation mode height		507 mm (1' 8")
Access diameter		500 mm (1' 7-3/4")
Access lid outside diameter		600 mm (2')
Total weight*		40 kg (88 lb)
Nominal dosing volume		70 L (18.5 gal)
Material		Polyethylene

* Weights are for handling and lifting purposes only. They are approximate and non-binding.



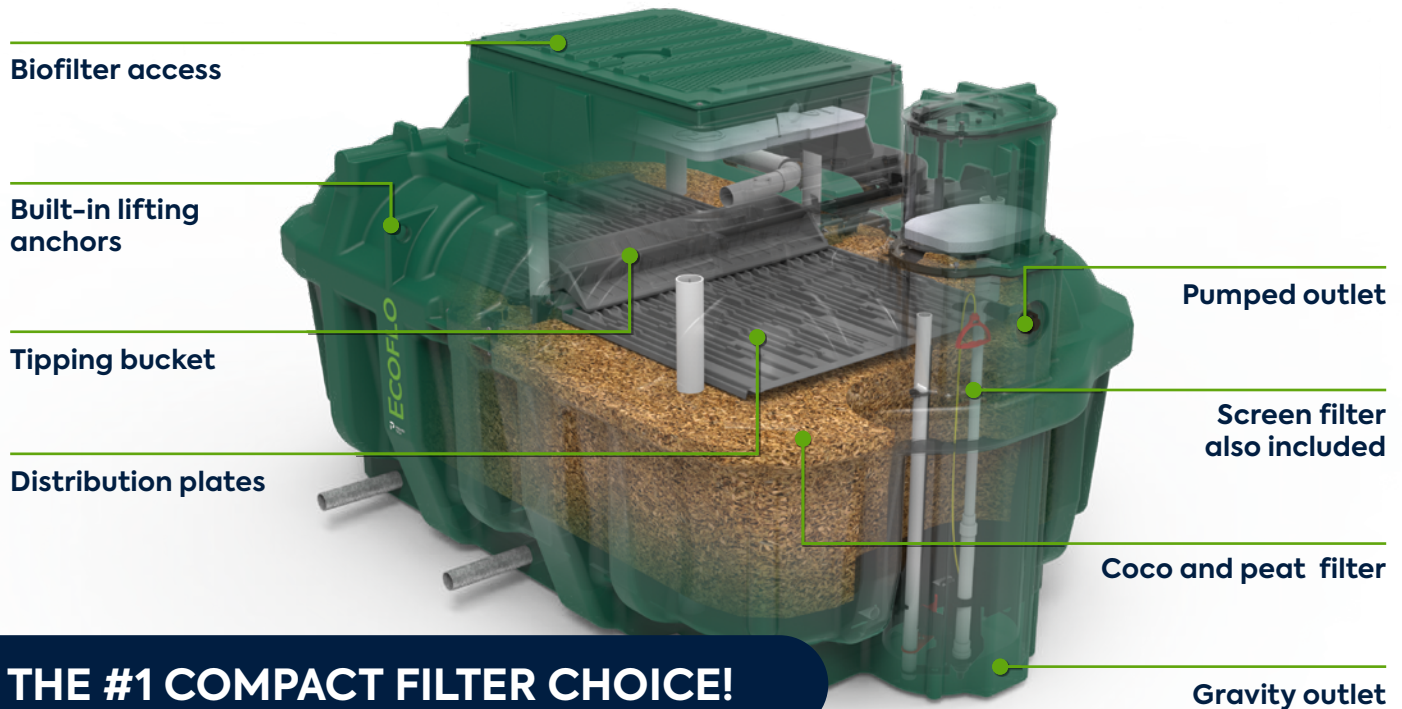
MAIN DESIGN PARAMETERS

Design parameter		Criteria
Linear design loading rate applied to treatment modules		80 L/m · d 6.44 gpd/ft
Design loading rate applied per treatment module		95 L/module 25 gal/module
Maximum length of row for gravity or pump-to-gravity system		18 m (60') (15 modules)
Maximum length of row for low-pressure distribution system		30 m (100') (25 modules)
Sand height below modules	A	300 mm (1')
Minimum width of sand layer beneath filtration pads	B	864 mm (2' 10")
Minimum distance from end of filtration pads line to edge of absorption area	C	150 mm (6") minimum
Width of filtration pads	D	400 mm (1' 3-3/4")
Centre-to-centre spacing between rows of modules	E	864 mm (2' 10") minimum
Module height	F	330 mm (1' 1")



ECOFLO[®]

Compact biofilter



THE #1 COMPACT FILTER CHOICE!

> QUICK INSTALLATION

- ready-to-use models
- easy-to-follow instructions
- troubleshooting by our experts

> MODELS FOR ANY SITE

- options for all soil conditions
- pumped or gravity discharge
- compact models

> PRODUCT AVAILABILITY

- 14 depots across Ontario
- quality-controlled inventory
- reliable order tracking

> 10-YEAR TOTAL WARRANTY

- all treatment-related parts and labour
- proper functioning of the filtering medium and its treatment performance
- no clogging or excess sludge

> OUTPERFORMS STANDARDS

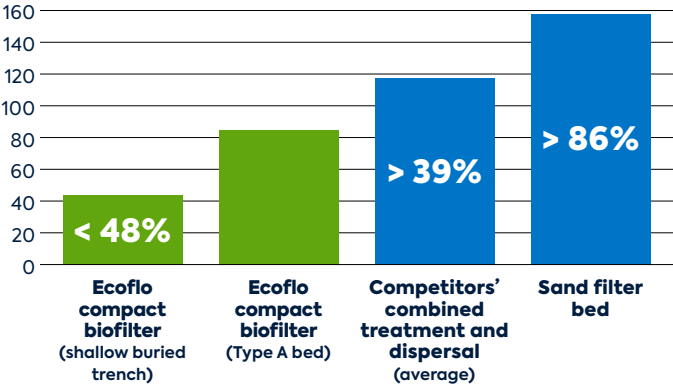
CAN/BNQ standard 3680-600			
Parameter	Class B-IV requirement*	Ecoflo compact biofilter effluent	
		Demand dose	Timed dose
TSS	≤ 10 mg/L	3 mg/L	4 mg/L
CBOD ₅	≤ 10 mg/L	4 mg/L	4 mg/L
Fecal coliforms	No requirement	—	—

* 30-day average.

LOWEST CARBON FOOTPRINT

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

Total after 50-year life cycle



Notes

- Based on analysis of septic installations in Ontario.
- Systems installed in soil with percolation rate of 30 min/cm and rated for four bedrooms.
- Distances between installations and required materials assumed to be 60 km for filtration sand and stone, 33 km for backfill.
- Ecoflo compact biofilter installations include two possible scenarios for final dispersal: Type A dispersal bed or shallow buried trench.
- CO₂ emissions for transport of filtering media, dispersal aggregates, and backfill.

BEST LONG-TERM INVESTMENT

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



Polyethylene

Solution for

- 2,810 L/d maximum capacity
- sites with limited space
- simple and quick installations

Advantages

- ready to use
- compact and lightweight
- integrated pumping chamber
- Type A dispersal bed directly under the tank (perforated bottom only)



NEVER NEEDS ELECTRICITY!
Perforated bottom and gravity discharge

Concrete

Solution for

- 3,250 L/d maximum capacity
- all soil types
- high water tables

Advantages

- high-strength tank
- install in groundwater up to the inlet pipe (pumped models only)
- one riser of 200 mm (8") allowed



MODELS 650/840

Fibreglass

Solution for

- 2,890 L/d maximum capacity
- sites with limited space
- remote locations

Advantages

- Type A dispersal bed directly under the tank
- minimal final footprint
- compact and lightweight



NEVER NEEDS ELECTRICITY!

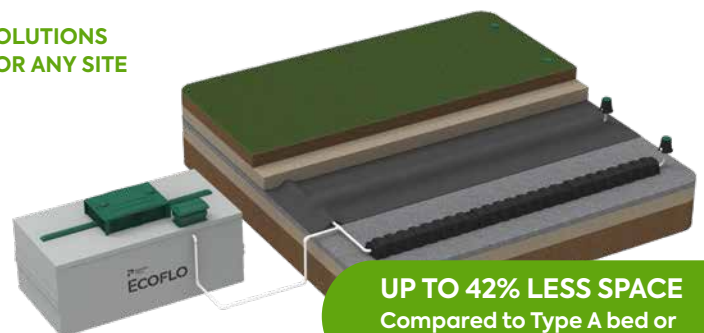
Shallow buried trench (SBT)

Considering final dispersal with a shallow buried trench? See why the Ecoflo compact biofilter is the perfect match!

➤ **EASY TO DESIGN AND INSTALL**

➤ **NO ADDITIONAL STORAGE TANK**

➤ **SOLUTIONS FOR ANY SITE**



UP TO 42% LESS SPACE
Compared to Type A bed or combined treatment system

Sustainability

SBTs use less than half of the aggregates and sand required for a Type A dispersal bed.

Simplicity

By design, the Ecoflo compact biofilter already provides the internal dosing capacity required for an SBT.

A product supported by the manufacturer

HOMEOWNER TOUCHPOINT

After each installation, we contact new owners to explain the Ecoflo compact biofilter's dos and don'ts. We make sure their septic system is working perfectly, and we answer their questions.

MAINTENANCE

We have a province-wide network of partners, annually trained by us to maximize the life of your client's filtering medium and to protect their investment in their Ecoflo compact biofilter.

- 15-point inspection
- filter aeration to promote healthy bacterial activity
- filter scarification to ensure optimal biofiltration

SYSTEM REFURBISHMENT AT A FRACTION OF THE PRICE

Changing the filtering medium is as good as getting a brand new system! All septic systems clog, and while the Ecoflo compact biofilter's all-natural filtering medium can extend beyond 15 years, it is no exception. But here is the good part:

- no excavation required
- no damage to landscaping
- 100% compostable filtering medium
- completed within 2 hours
- renewal of original warranty on treatment performance



ECOFLO[®]

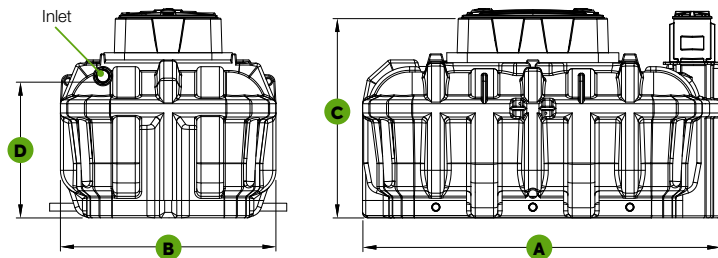
Polyethylene

Perforated tank bottom



		ST-570P	ST-730P
Hydraulic capacity with demand dose		1,755 L/d	2,250 L/d
Hydraulic capacity with time dose		2,200 L/d	2,810 L/d
Length	A	3,380 mm (11' 1")	4,130 mm (13' 7")
Width	B	2,000 mm (6' 7")	2,050 mm (6' 9")
Height	C	1,850 mm (6' 1")	
Inlet height from bottom	D	1,260 mm (4' 2")	
Riser height allowed		No risers allowed	
Weight		1,120 kg (2,460 lb)	1,355 kg (2,909 lb)
Includes internal components and filtering medium			

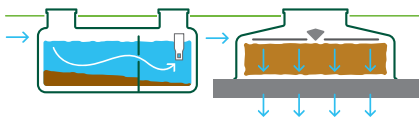
Water inlet
Ø 100 mm (4") nominal



TYPICAL INSTALLATIONS

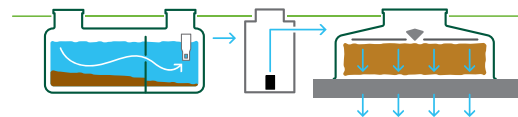
Demand-dose influent

Direct infiltration to Type A dispersal bed



Time-dose influent

Direct infiltration to Type A dispersal bed



ECOFLO[®]

Polyethylene

Watertight tank bottom

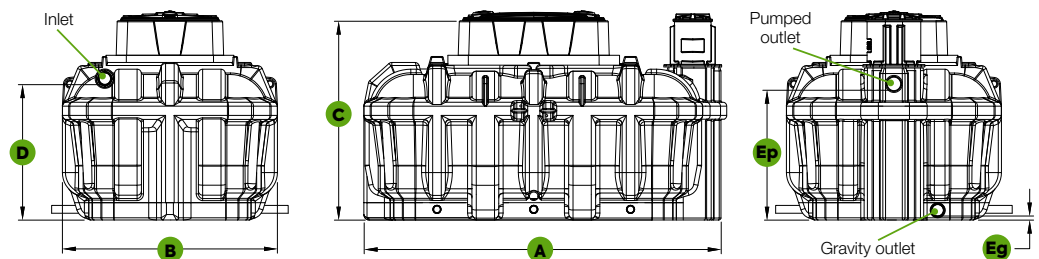


		STB-570P	STB-570PR	STB-730P	STB-730PR
Hydraulic capacity with demand dose		1,755 L/d		2,250 L/d	
Hydraulic capacity with time dose		2,200 L/d		2,810 L/d	
Length	A	3,380 mm (11' 1")		4,130 mm (13' 7")	
Width	B	2,000 mm (6' 7")		2,050 mm (6' 9")	
Height	C	1,850 mm (6' 1")			
Inlet height from bottom	D	1,260 mm (4' 2")			
Gravity water outlet height	Eg	76 mm (3")	—	76 mm (3")	—
Pumped water outlet height	Ep	—	1,240 mm (4' 1")	—	1,240 mm (4' 1")
Riser height allowed		No risers allowed			
Weight		1,200 kg (2,640 lb)		1,415 kg (3,120 lb)	
Includes internal components and filtering medium					
Dosing volume		—	870 L	—	1,120 L
Total emergency storage capacity		—	4,370 L	—	6,030 L

Water inlet
Ø 100 mm (4") nominal

Gravity water outlet
Ø 100 mm (4") nominal

Pumped water outlet
Ø 25 mm (1") nominal



TYPICAL INSTALLATIONS

Demand-dose influent

Gravity discharge to Type A or B dispersal bed, or shallow buried trench

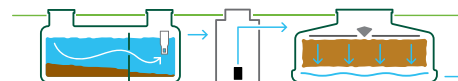


Pumped discharge to Type A or B dispersal bed, or shallow buried trench

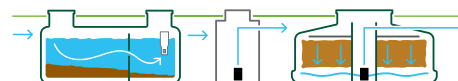


Time-dose influent

Gravity discharge to Type A or B dispersal bed, or shallow buried trench



Pumped discharge to Type A or B dispersal bed, or shallow buried trench



ECOFLO[®]

Concrete

Closed tank bottom



		STB-650B	STB-650BR	STB-840B	STB-840BR
Hydraulic capacity with demand dose		2,000 L/d		2,600 L/d	
Hydraulic capacity with time dose		2,500 L/d		3,250 L/d	
Length	A	3,800 mm (12' 6")		4,910 mm (16' 2")	
Width	B	1,960 mm (6' 5-1/2")		2,097 mm (6' 10-1/2")	
Height	C	1,820 mm (6')		2,025 mm (6' 7-3/4")	
Inlet height from bottom	D	1,250 mm (4')		1,431 mm (4' 8")	
Gravity water outlet height	Eg	150 mm (6")	—	152 mm (6")	—
Pumped water outlet height	Ep	—	1,340 mm (4' 5")	—	1,496 mm (4' 11")
Riser height allowed		200 mm (8")			
Tank weight		4,000 kg (11,000 lb)		6,850 kg (15,100 lb)	
Filtering medium and internal components weight		400 kg (880 lb)		450 kg (1,000 lb)	
Top slab weight		1,815 kg (4,000 lb)		2,815 kg (6,000 lb)	
Total weight Includes tank, top slab, internal components, and filtering medium		7,200 kg (15,880 lb)	7,210 kg (15,900 lb)	10,115 kg (22,300 lb)	10,125 kg (22,320 lb)
Dosing volume		—	300 L	—	500 L
Retention volume Between bottom of filtering medium and base of tank		—	950 L	—	2,000 L

Water inlet

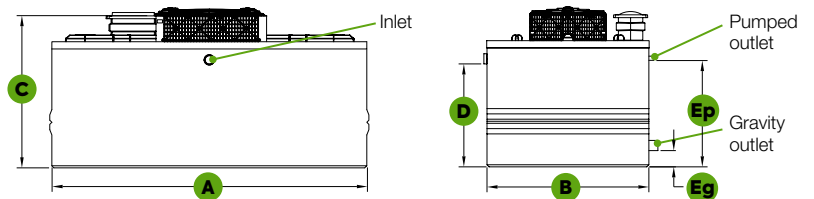
Ø 100 mm (4") nominal

Gravity water outlet

Ø 100 mm (4") nominal

Pumped water outlet

Ø 25 mm (1") nominal



TYPICAL INSTALLATIONS

Demand-dose influent

Gravity discharge to Type A or B dispersal bed, or shallow buried trench

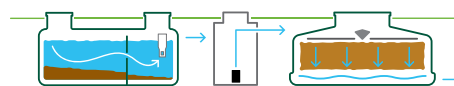


Pumped discharge to Type A or B dispersal bed, or shallow buried trench



Time-dose influent

Gravity discharge to Type A or B dispersal bed, or shallow buried trench



Pumped discharge to Type A or B dispersal bed, or shallow buried trench



ECOFLO[®]

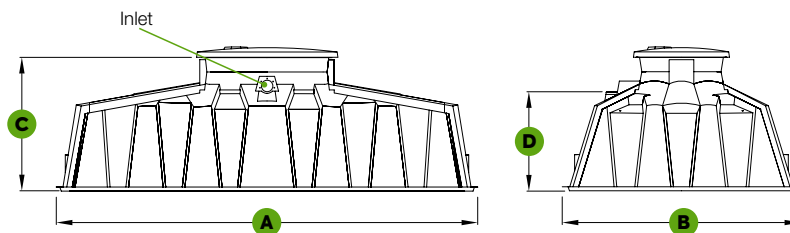
Fibreglass

Open tank bottom



		ST-500	ST-650	ST-750
Hydraulic capacity with demand dose		1,600 L/d	2,000 L/d	2,310 L/d
Hydraulic capacity with time dose		2,000 L/d	2,500 L/d	2,890 L/d
Length	A	3,345 mm (11')	4,175 mm (13' 8")	4,675 mm (15' 4")
Width	B	2,361 mm (7' 9")		
Height	C	1,320 mm (4' 4")		
Inlet height from bottom	D	970 mm (3' 2")		
Riser height allowed		No risers allowed		
Weight		115 kg (250 lb)	135 kg (300 lb)	145 kg (320 lb)

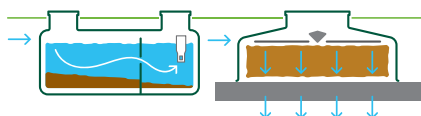
Water inlet
 Ø 100 mm (4") nominal



TYPICAL INSTALLATIONS

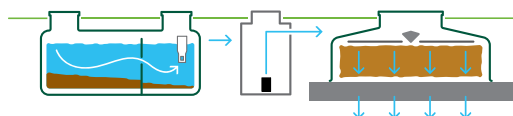
Demand-dose influent

Direct infiltration to Type A dispersal bed



Time-dose influent

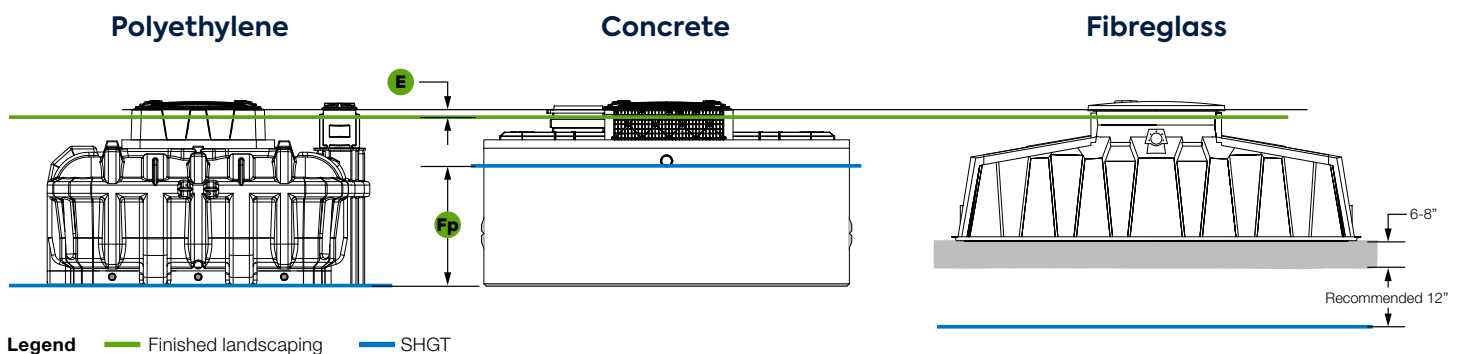
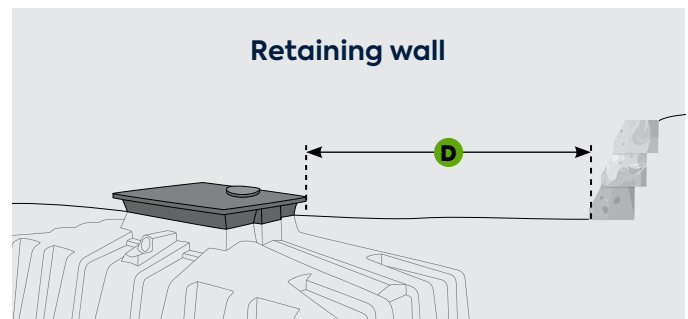
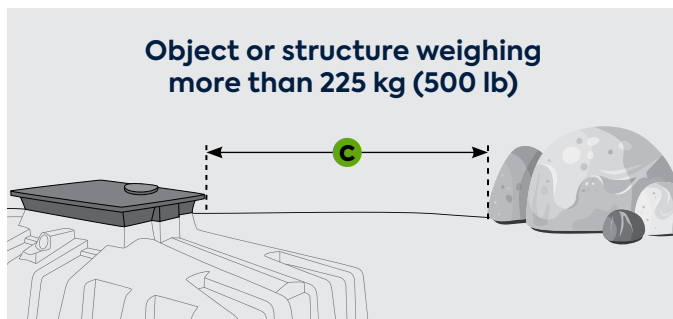
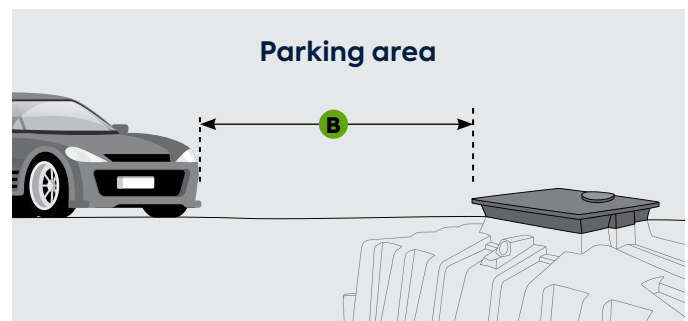
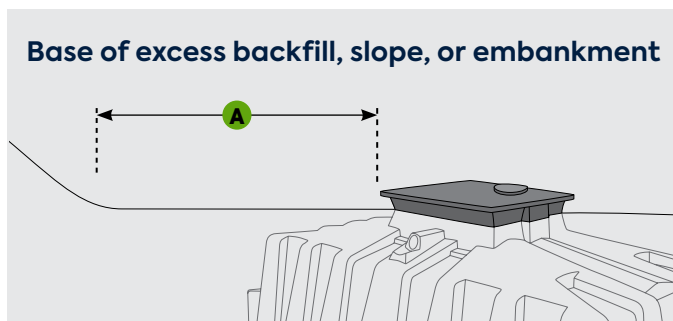
Direct infiltration to Type A dispersal bed



Recommended distances

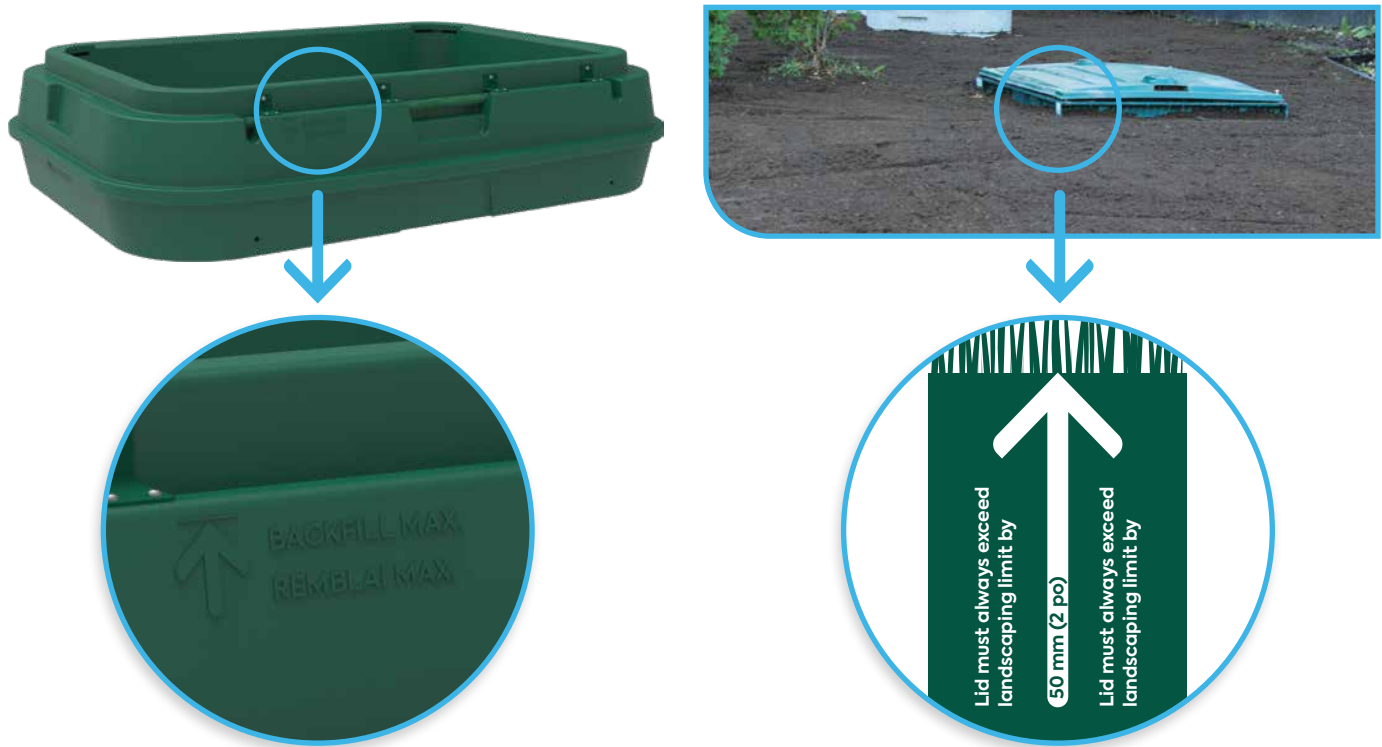
We recommend the following distance guidelines. Failure to abide by these guidelines may void the warranty of the installation.

Reference points		Polyethylene	Concrete	Fibreglass
Base of excess backfill, slopes, or embankments vs. compact biofilter lid	A	4 m (13')	3 m (10')	5 m (16')
Parking area vs. compact biofilter lid	B	4 m (13')	3 m (10')	5 m (16')
Object or structure weighing more than 225 kg (500 lb) vs. compact biofilter lid	C	4 m (13')	3 m (10')	5 m (16')
Retaining wall vs. compact biofilter lid	D	4 m (13')	3 m (10')	5 m (16')
Finished landscaping vs. base of compact biofilter lid	E	50 mm (2")		
Tree vs. compact biofilter lid		—		3 m (10')
Seasonal high groundwater table (SHGT) vs. base of gravity-discharge unit		Do not install in groundwater		
Seasonal high groundwater table (SHGT) vs. base of pumped-discharge unit	Fp	Do not install in groundwater	Up to bottom of inlet pipe	Do not install in groundwater



Lid clearance

Keep 50 mm (2") between the landscape level and the top of the lid.



Components and accessories

PUMPING STATIONS

- up to 255 L effective dosing volume
- high-strength polyethylene



Refer to page 26 for technical information.

PUMPS

- up to 0.5 hp
- reliable and durable



Refer to page 26 for technical information.

FLOW DIVIDERS

- pressurized or gravity flow
- two to 10 outlets



RISERS

- from 150 to 355 mm (6" to 14")



REWATEC™

Nitrogen reduction (ECDn)

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

Primary treatment tank (with baffle)

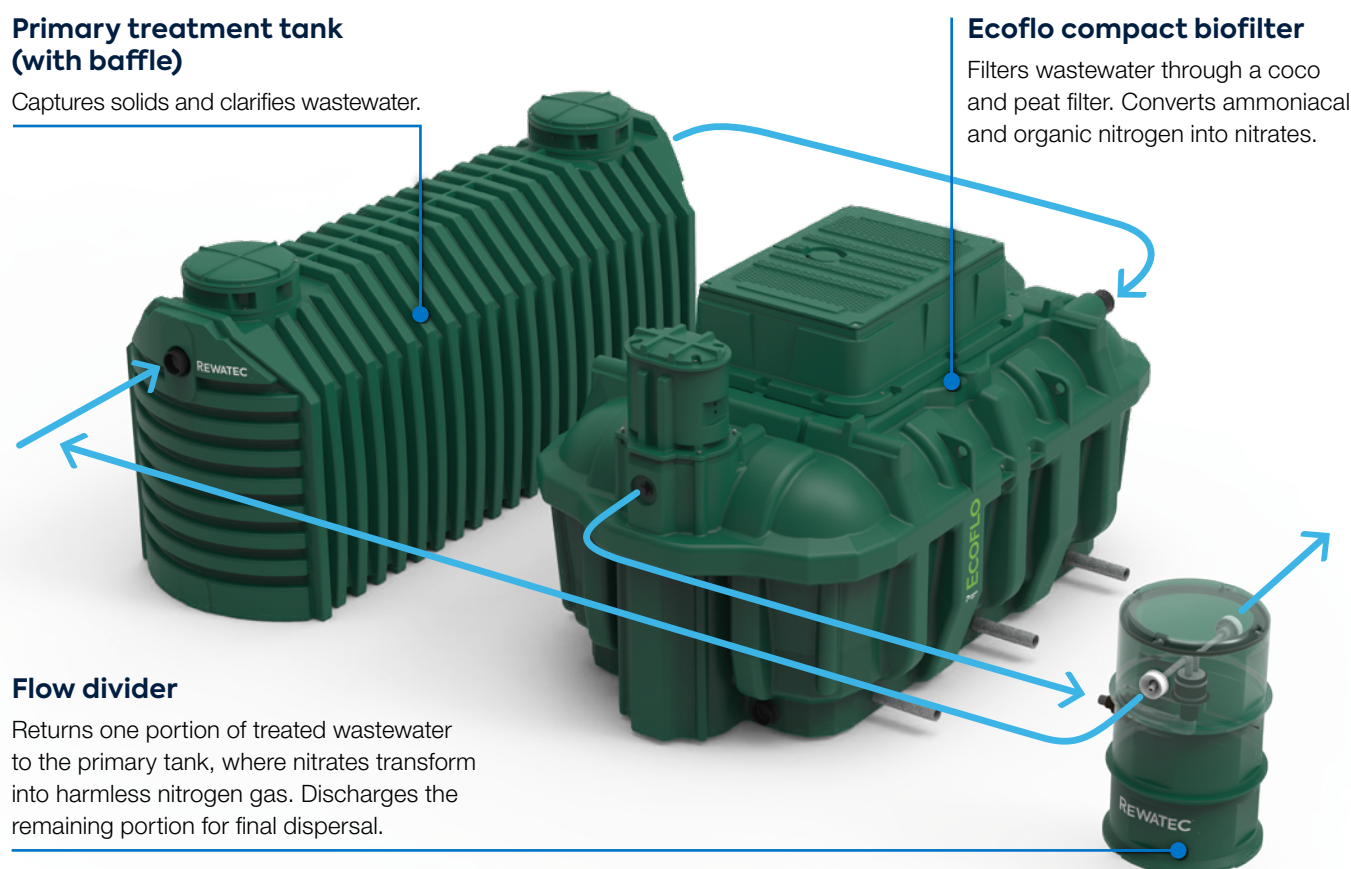
Captures solids and clarifies wastewater.

Ecoflo compact biofilter

Filters wastewater through a coco and peat filter. Converts ammoniacal and organic nitrogen into nitrates.

Flow divider

Returns one portion of treated wastewater to the primary tank, where nitrates transform into harmless nitrogen gas. Discharges the remaining portion for final dispersal.



COMPACT SIZE

Our nitrogen reduction option is ideal for sites with limited installation space.

SOLUTIONS FOR ANY SITE

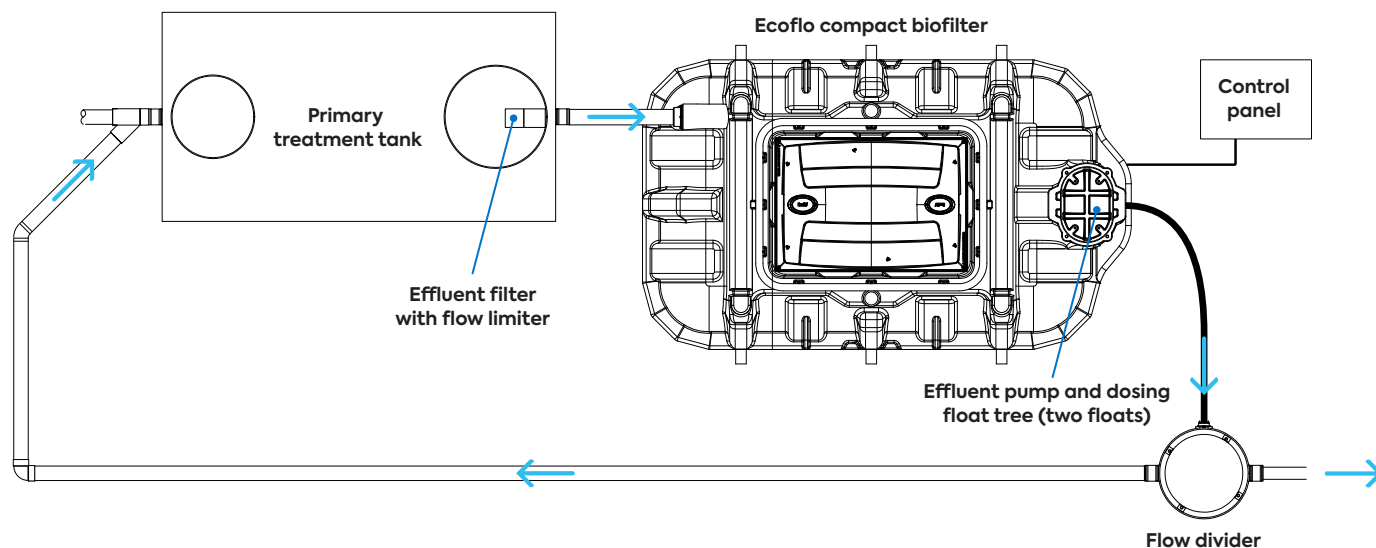
Nitrogen reduction is available with many polyethylene and concrete Ecoflo compact biofilter models.

TREATMENT RESULTS

Parameter	NSF effluent standard	ECDn effluent
TSS	< 30 mg/L	2 ± 2 mg/L
CBOD ₅	< 25 mg/L	4 ± 3 mg/L
Total nitrogen reduction	> 50%	54%
pH	6 to 9	7.1

Nitrogen reduction (ECDn)

TYPICAL INSTALLATION



POLYETHYLENE

Hydraulic capacity	Polyethylene model
1,755 L/d	ECDN-1755-P
2,250 L/d	ECDN-2250-P

CONCRETE

Hydraulic capacity	Polyethylene model
2,600 L/d	ECDN-2500-C

REWATEC™

Pumping stations

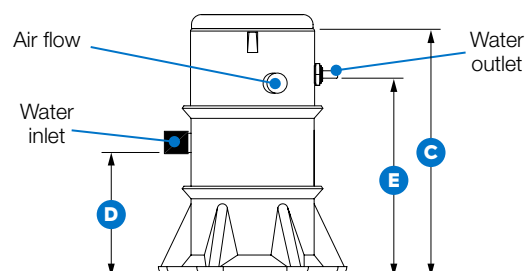
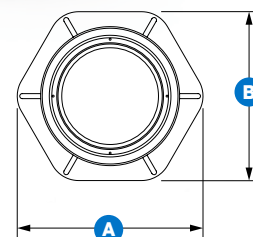


	PSA-240	PSA-240H
Pump	0.4 hp	0.5 hp
Float	On/off pump switch and alarm switch	
Length of base A	950 mm (3' 1-1/2")	
Width of base B	865 mm (2' 10")	
Height C	1,270 mm (4' 2")	1,625 mm (5' 4")
Inlet height D	635 mm (2' 1")	1,060 mm (3' 5-3/4")
Outlet height E	1,015 mm (3' 4")	
Riser height allowed	710 mm (2' 4")	
Weight	50 kg (110 lb)	56 kg (123 lb)
Effective dosing volume	150 L	255 L
Total volume At water inlet level	240 L	400 L

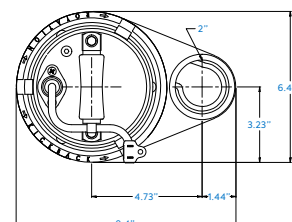
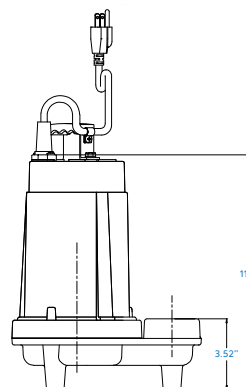
Water inlet
Ø 100 mm (4") nominal

Water outlet
Ø 38 mm (1-1/2") or
Ø 50 mm (2") nominal

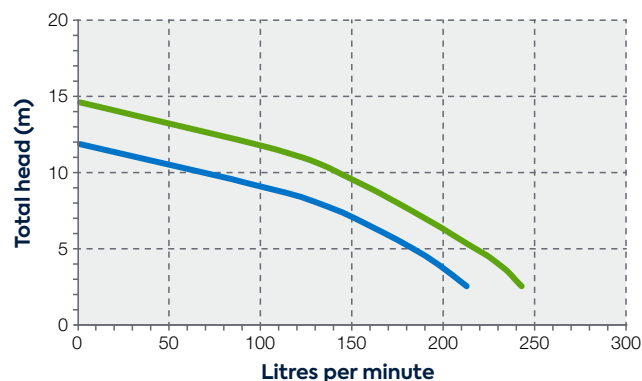
Air flow
Ø 100 mm (4") nominal



Pumps



PERFORMANCE CURVE



Legend

- Champion 0.4 hp pump (with all pumped Ecoflo compact biofilter) 6.6 A, 1 phase, 60 Hz, 115 V
- Champion 0.5 hp pump 8.5 A, 1 phase, 60 Hz, 115 V

ELECTRICAL SPECIFICATION FOR FLOATS

Float switches must be used with pumps that provide integral thermal overload protection.

	Single phase	
	Maximum pump running current	Maximum pump starting current
120 VAC 50/60 Hz	13 A	60 A
230 VAC 50/60 Hz	12 A	60 A

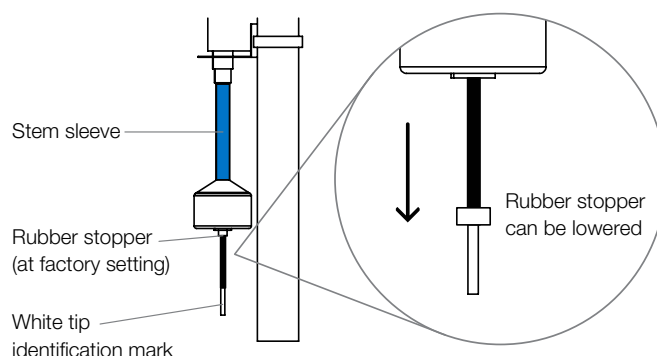
Pumps that exceed the currents in these specifications require a pump controller that will allow the stock floats to be used for signal rather than providing power.

Float adjustments

The dose given by the on/off float depends on the length of the float stem, the length of the stem sleeve, and the position of the rubber stopper.

The factory setting will give the minimum dose. To customize the setting to accommodate local regulations or on-site requirements:

- cut a section of the stem sleeve
- lower the rubber stopper along the stem



POLYETHYLENE

Desired Dose Volume		Adjustment	Final Sleeve Length
5.7	7.3		
76 L		None (factory setting)	115 mm (4-1/2")
114 L	151 L	Lower rubber stopper 6 mm (1/4") along stem	115 mm (4-1/2")
322 L	435 L	Lower rubber stopper 64 mm (2-1/2") along stem*	115 mm (4-1/2")
416 L	587 L	Make sleeve 90 mm long and lower rubber stopper 64 mm (2-1/2") along stem*	90 mm (3-1/2")
530 L	738 L	Make sleeve 64 mm long and lower rubber stopper 64 mm (2-1/2") along stem*	64 mm (2-1/2")
662 L	890 L	Make sleeve 38 mm long and lower rubber stopper 64 mm (2-1/2") along stem*	38 mm (1-1/2")
871 L	1,117 L	Remove sleeve and lower rubber stopper 64 mm (2-1/2") along stem*	0 mm (0")

* Or until identification mark.

Useful links

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SPACE**



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