



# Guide for professionals

## ECOFLO® REWATEC™



Certified to NSF/ANSI standard 40 & 245



Certified to CAN/BNQ standard 3680-600



Certified to BNQ standard NQ 3680-910



# 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 lasting solutions.

# Premier Tech's 360° support

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



## IMMEDIATE ASSISTANCE

Experts available 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 honor warranties.



## PRO SPACE

Quickly find all the documents you need online.

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



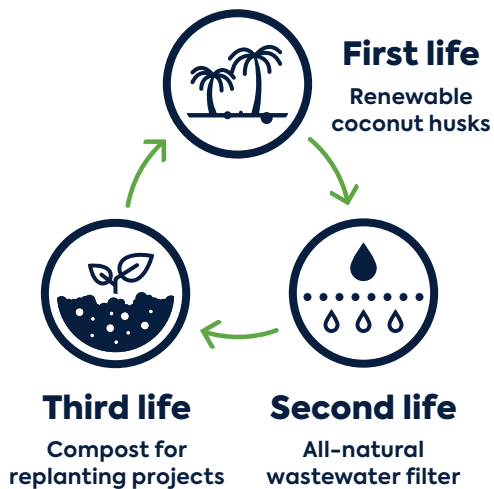
# Ecoflo® is how we make a sustainable difference. Together.

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 repairable system

### > WE OFFER

- Multiple sand options in smaller quantities
- An optional distribution box with energy-free dosing
- Integrated distribution channels that replace perforated pipes
- System access



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TO SEE THE INSTALLATION  
GUIDE VIDEO





## Robust chamber

## Inspection port

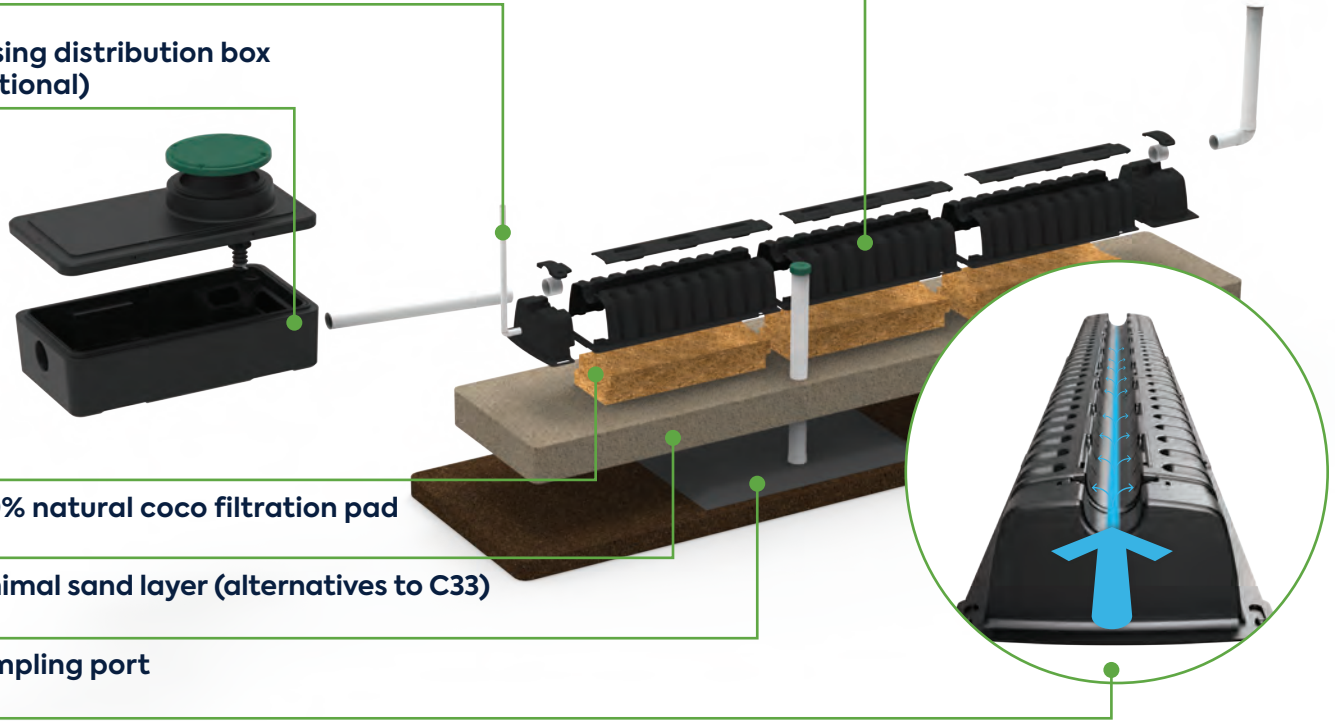
## Dosing distribution box (optional)

## 100% natural coco filtration pad

## Minimal sand layer (alternatives to C33)

## Sampling port

## Built-in distribution channel



## 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 odorless





## Specifications

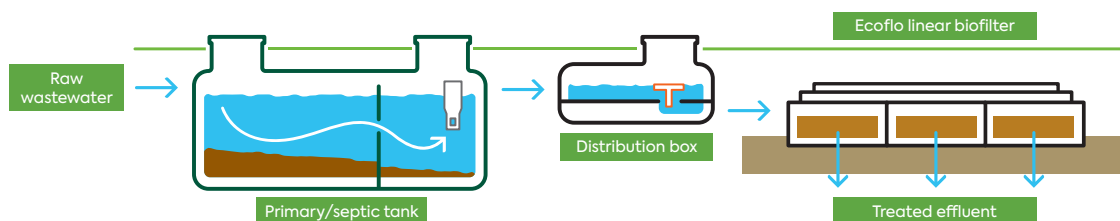
### TREATMENT PERFORMANCE

	Influent	ANSI/NSF Standard 40 Class 1	Ecoflo linear biofilter effluent*
<b>TSS</b>	231 mg/L	25 mg/L	3.9 mg/L
<b>CBOD<sub>5</sub></b>	199 mg/L	30 mg/L	8.1 mg/L
<b>pH</b>	7.0	6.0-9.0	6.9

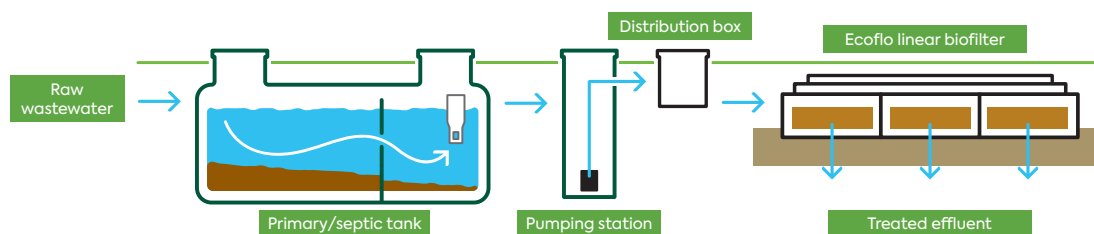
\* Model EL15.

### DISTRIBUTION OPTIONS

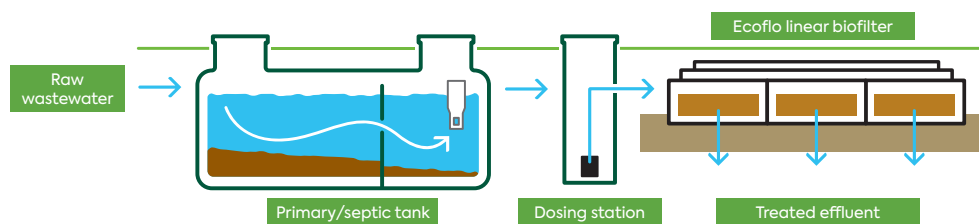
#### Gravity



#### Pump to gravity



#### Low pressure





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HERE TO DOWNLOAD  
THE DESIGN GUIDES



SCAN OR CLICK  
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THE INSTALLATION  
GUIDE PDF

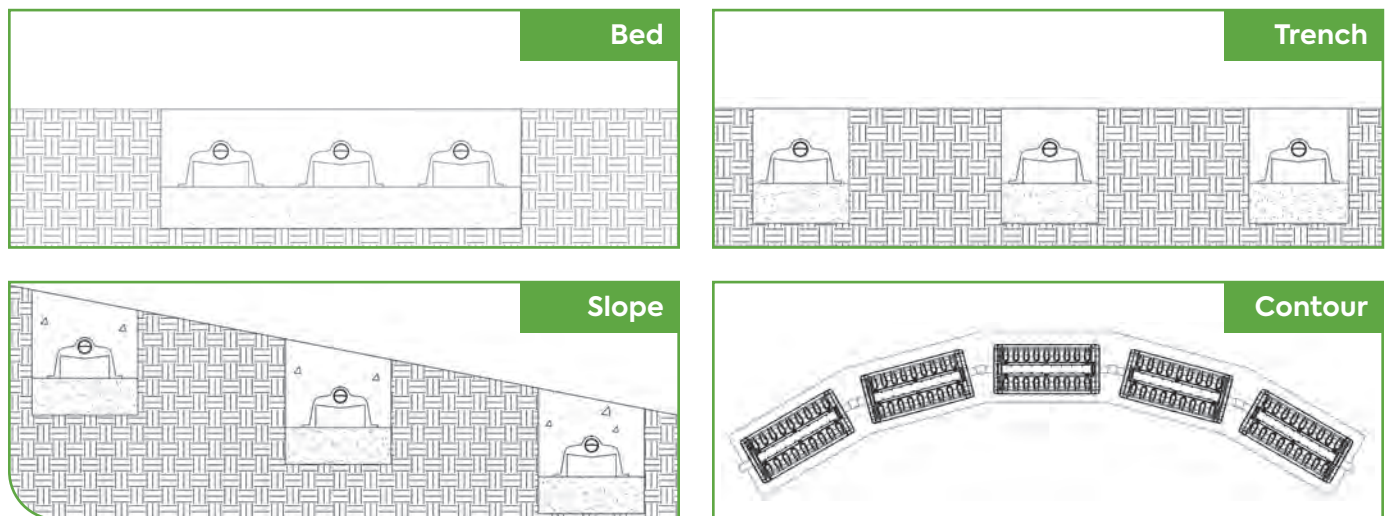


SCAN OR CLICK  
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THE INSTALLATION  
GUIDE VIDEO



## SUGGESTED CONFIGURATIONS

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



## EXAMPLES: NUMBER OF MODULES REQUIRED

Design flow USG/d (L/d)	One treatment line	Two treatment lines	Three treatment lines	Four treatment lines	Five treatment lines
400 (1,500)	15	2 x 8	3 x 5	4 x 4	5 x 3
500 (1,800)	18 <b>P</b>	2 x 9	3 x 6	4 x 5	5 x 4
600 (2,200)	22 <b>P</b>	2 x 11	3 x 8	4 x 6	5 x 5
700 (2,600)	26 <b>P</b>	2 x 13	3 x 9	4 x 7	5 x 6
800 (3,000)	30 <b>P</b>	2 x 15	3 x 10	4 x 8	5 x 6
900 (3,400)	34 <b>P</b>	2 x 17	3 x 12	4 x 9	5 x 7

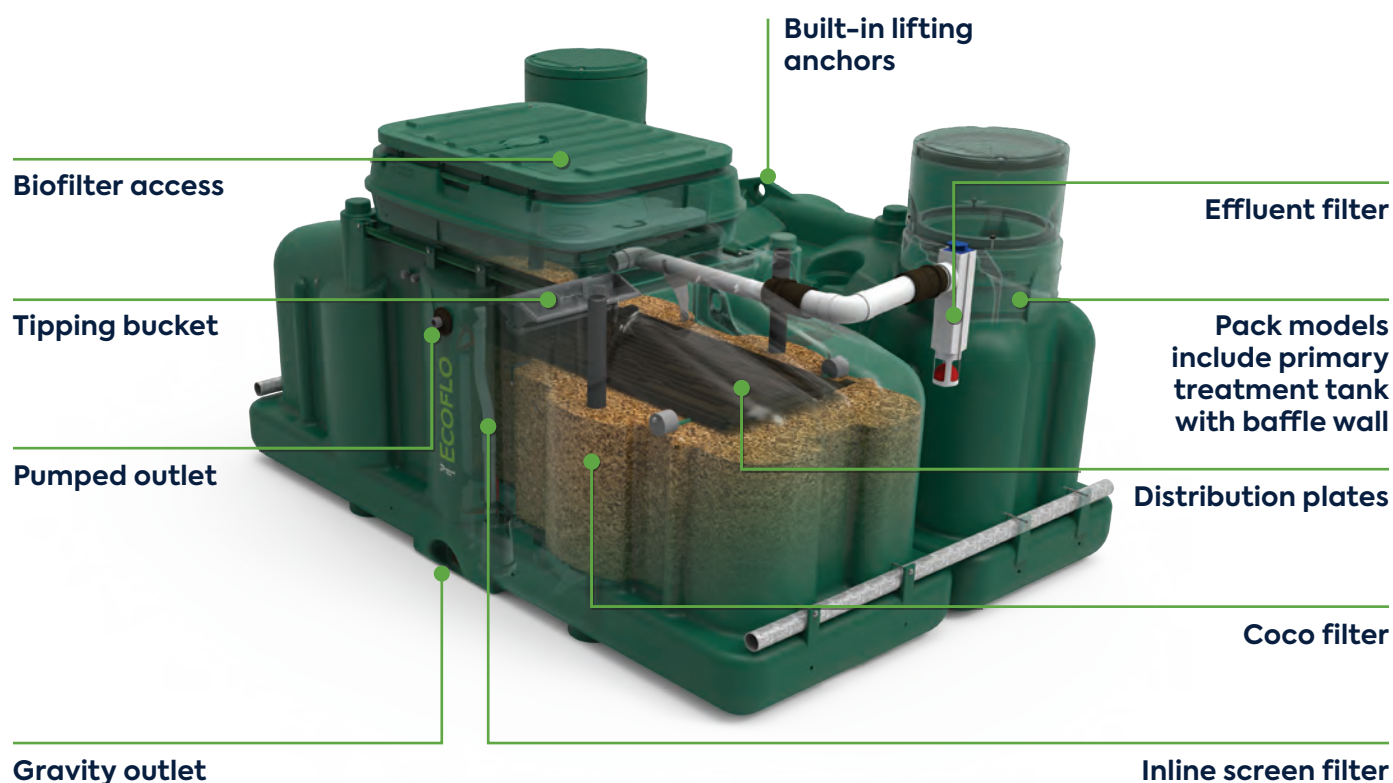
**P** EL15 model, low-pressure distribution required.

## 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
- 6' (2 m) from any tree
- conforming with local regulations





## THE #1 COMPACT FILTER CHOICE!

### > QUICK INSTALLATION

- ready-to-use models
- easy-to-follow instructions
- can be installed in just one day

### > MODELS FOR ANY SITE

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

### > PRODUCT AVAILABILITY

- 140 depots across North America
- quality-controlled inventory
- reliable order tracking

### > 10-YEAR TOTAL WARRANTY

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

### > OUTPERFORMS STANDARDS

NSF/ANSI standard 40		
Parameter	Requirement*	Ecoflo compact biofilter†
<b>TSS</b>	< 25 mg/L	8 mg/L**
<b>CBOD<sub>5</sub></b>	< 30 mg/L	6 mg/L**
<b>Fecal coliforms</b>	No requirement	—

\* 30-day average.

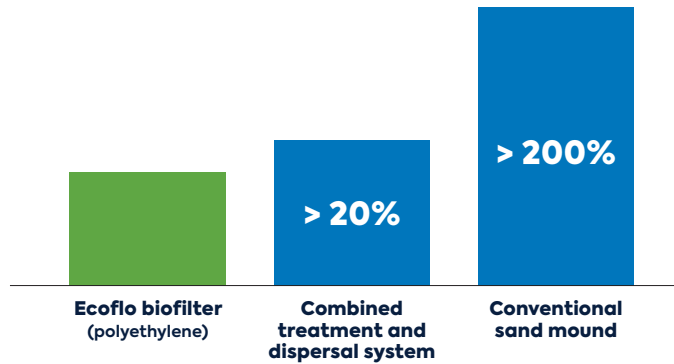
\*\* EC7 model series results.

† With 100% coconut husk fragment filtering medium.

## 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.

### Total after 50-year life cycle



#### Notes

- Based on analysis of septic installations in Pennsylvania.
- Systems installed in soil with percolation rate of 60 mpi and rated for four bedrooms.
- Distances between installations and required materials assumed to be 40 miles for filtration sand and stone, 20 miles for backfill.
- Ecoflo biofilter installations include final dispersal to at-grade bed.

## 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

- 1,350 US gal/d maximum capacity
- sites with limited space
- simple and quick installations

#### Advantages

- ready to use
- compact and lightweight
- integrated pumping chamber



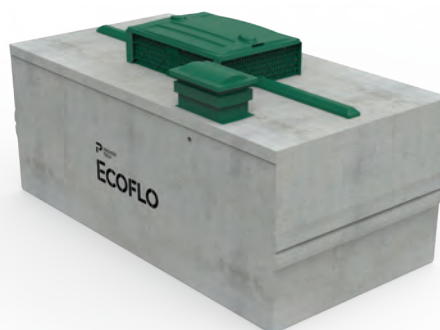
### Concrete

#### Solution for

- 1,200 US gal/d maximum capacity
- all soil types
- high water tables

#### Advantages

- high-strength tank
- install in groundwater up to the inlet pipe (pumped models only)
- integrated pumping chamber



### Polyethylene • Pack

#### Solution for

- 750 US gal/d maximum capacity
- sites with limited space

#### Advantages

- minimal final footprint
- primary treatment tank with baffle wall
- one excavation
- integrated pumping chamber



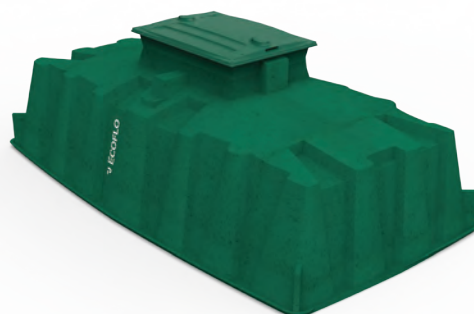
### Fiberglass

#### Solution for

- 1,400 US gal/d maximum capacity
- sites with limited space
- remote locations

#### Advantages

- infiltration bed under the unit
- compact and light
- gravity treatment | no energy



SCAN OR CLICK HERE  
FOR THE FIBERGLASS  
SPECIFICATIONS



# A product supported by the manufacturer

## HOMEOWNER TOUCHPOINT

After each installation, we invite new owners to an informal session to explain the Ecoflo biofilter's do's and don'ts, how to make sure their septic system is working properly, and to answer their questions.

## ANNUAL MAINTENANCE

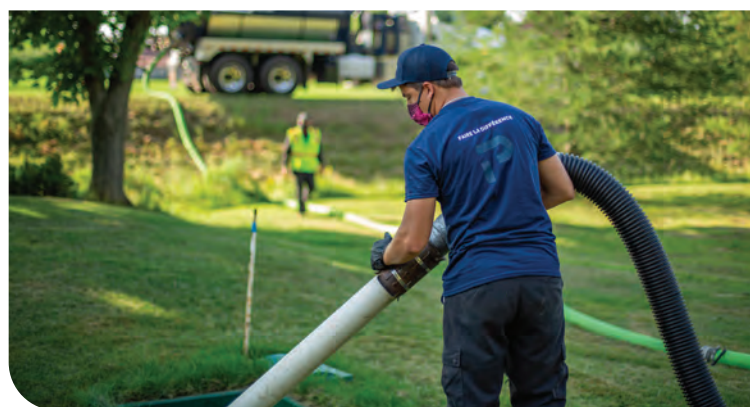
We offer annual training to our network of partners to maximize the lifespan of your client's coco filter and to protect their investment in their septic system.

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

## SYSTEM REFURBISHMENT AT A FRACTION OF THE PRICE

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

- no excavation required
- no damage to landscaping
- 100% compostable filtering media
- completed within 2 hours
- renewal of original warranty



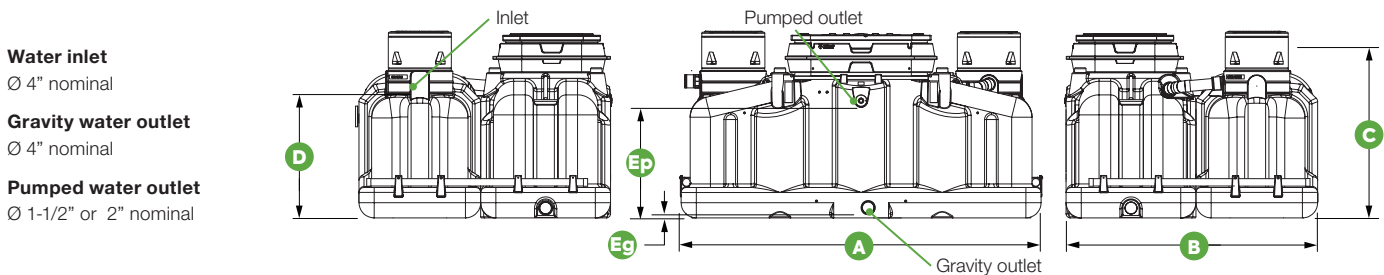


# ECOFLO<sup>®</sup>

## Polyethylene • Pack

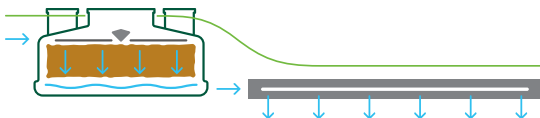


	2.8	3.4	4.1
	EC7-500-P-G/P-PACK	EC7-600-P-G/P-PACK	EC7-750-P-G/P-PACK
<b>Hydraulic capacity</b>	500 US gal/d	600 US gal/d	750 US gal/d
<b>Primary tank volume</b>	800 US gal	1,000 US gal	1,250 US gal
<b>Length</b> <span style="color: green;">A</span>	10' 2-3/4"	11' 7-3/4"	13' 3-1/2"
<b>Width</b> <span style="color: green;">B</span>	8' 1-3/4"		
<b>Height</b> <span style="color: green;">C</span> <small>Includes 12" of risers</small>	5' 9-3/4"		
<b>Inlet height of primary tank from bottom</b> <span style="color: green;">D</span>	4' 2-1/2"		
<b>Gravity water outlet height</b> <span style="color: green;">Eg</span>	1-1/2"		
<b>Pumped water outlet height</b> <span style="color: green;">Ep</span>	3' 9"		
<b>Additional riser allowed</b>	6"		
<b>Weight</b> <small>Includes internal components and coco filter</small>	1,675 lb	1,870 lb	2,090 lb
<b>Built-in effective volume available for dosing</b> <small>Pumped discharge models only</small>	160 US gal	180 US gal	200 US gal
<b>Emergency storage above alarm float</b>	545 US gal	665 US gal	760 US gal

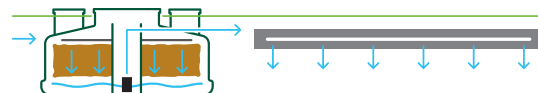


## TYPICAL INSTALLATIONS

Gravity discharge to leaching field



Pumped discharge to leaching field



# ECOFLO<sup>®</sup>

## Polyethylene

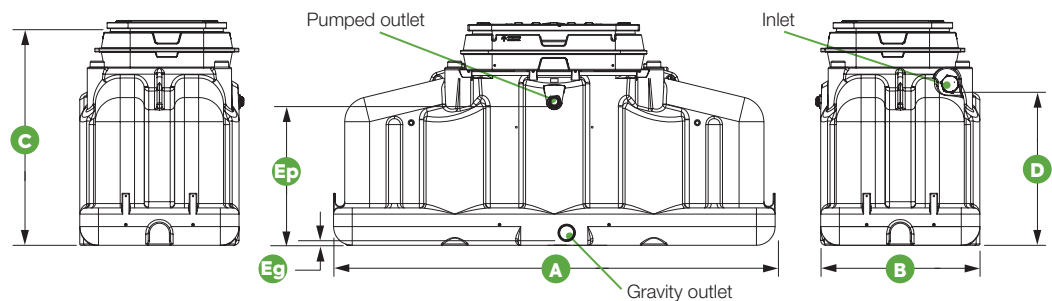


		2.8	3.4	4.1
		EC7-500-P-G/P	EC7-600-P-G/P	EC7-750-P-G/PDV
<b>Hydraulic capacity</b>		500 US gal/d	600 US gal/d	750 US gal/d
<b>Length</b>	<b>A</b>	10' 2-3/4"	11' 7-3/4"	13' 3-1/2"
<b>Width</b>	<b>B</b>	4' 2-1/2"		
<b>Height</b> <small>Includes 12" of risers</small>	<b>C</b>	5' 9-3/4"		
<b>Inlet height from bottom</b>	<b>D</b>	4' 1/2"		
<b>Gravity water outlet height</b>	<b>Eg</b>	1-3/4"		
<b>Pumped water outlet height</b>	<b>Ep</b>	3' 8-7/8"		
<b>Additional riser allowed</b>		6"		
<b>Weight</b> <small>Includes internal components and coco filter</small>		1,235 lb	1,345 lb	1,455 lb
<b>Built-in effective volume available for dosing</b> <small>Pumped discharge models only</small>		160 US gal	180 US gal	200 US gal
<b>Emergency storage above alarm float</b>		545 US gal	665 US gal	760 US gal

**Water inlet**  
Ø 4" nominal

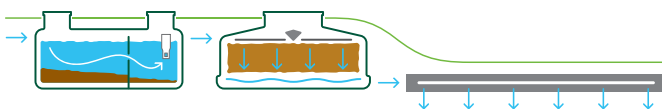
**Gravity water outlet**  
Ø 4" nominal

**Pumped water outlet**  
Ø 1-1/2" or 2" nominal

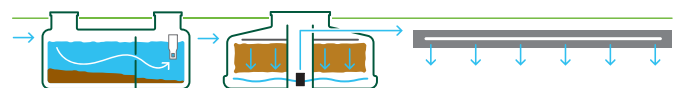


## TYPICAL INSTALLATIONS

Gravity discharge to leaching field



Pumped discharge to leaching field



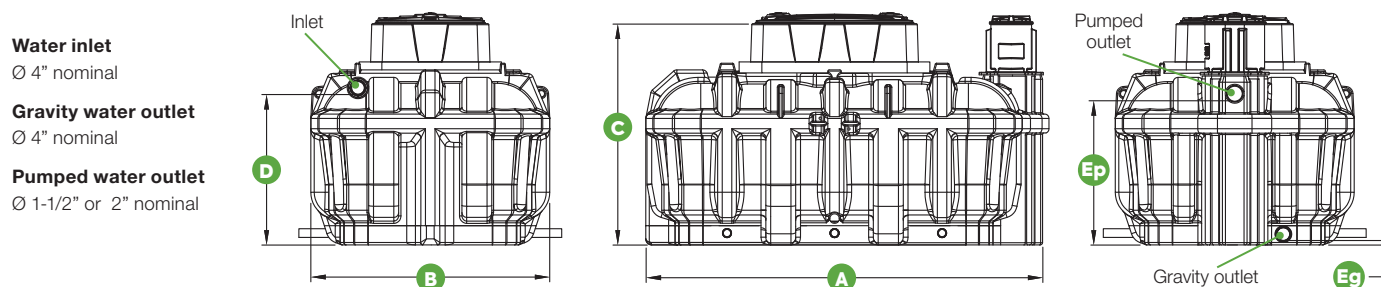


# ECOFLO<sup>®</sup>

## Polyethylene

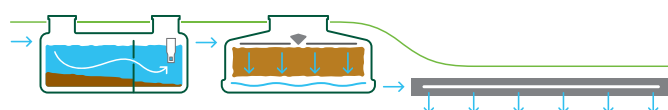


	5.7	7.3
	EC7-1050-P-G/PDV	EC7-1350-P-G/PDV
Hydraulic capacity	1,050 US gal/d	1,350 US gal/d
Length <span>(A)</span>	11' 3/4"	13' 5-1/2"
Width <span>(B)</span>	6' 6-3/4"	6' 8-3/4"
Height <span>(C)</span>	6' 3/4"	
Inlet height from bottom <span>(D)</span>	4' 1-1/2"	
Gravity water outlet height <span>(Eg)</span>	4"	
Pumped water outlet height <span>(Ep)</span>	4' 3/4"	
Additional riser allowed	No additional risers allowed	
Weight <small>Includes internal components and coco filter</small>	2,640 lb	3,120 lb
Built-in effective volume available for dosing <small>Pumped discharge models only</small>	230 US gal	295 US gal
Total emergency storage capacity	1,155 US gal	1,595 US gal

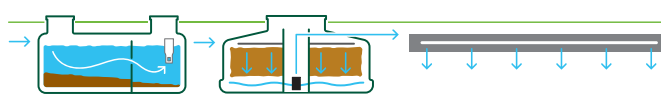


## TYPICAL INSTALLATIONS

Gravity discharge to leaching field



Pumped discharge to leaching field



# ECOFLO<sup>®</sup>

## Concrete



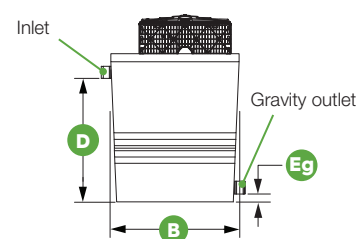
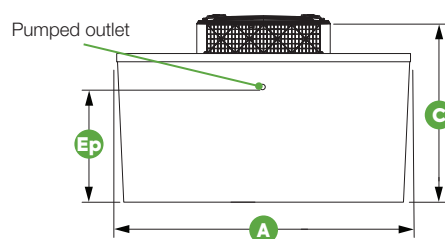
		2.8	3.4	4.1	6.5
		EC7-500-C-G/PDV	EC7-600-C-G/P	EC7-750-C-G/PDV	EC7-1200-C-G/PDV
<b>Hydraulic capacity</b>		500 US gal/d	600 US gal/d	750 US gal/d	1,200 US gal/d
<b>Length</b>	<b>A</b>	10' 1/8"	11' 9-3/4"	12' 7-1/4"	12' 7"
<b>Width</b>	<b>B</b>	4' 2-5/8"	4' 2-5/8"	4' 4-3/4"	6' 9-1/2"
<b>Height</b>	<b>C</b>	6' 5-1/4"	5' 10-7/8"	6' 8-7/8"	6' 11"
<b>Inlet height from bottom</b>	<b>D</b>	4' 6"	3' 11-5/8"	4' 10"	4' 11-1/2"
<b>Gravity water outlet height</b>	<b>Eg</b>	5"	4-3/4"	5"	6"
<b>Pumped water outlet height</b>	<b>Ep</b>	4' 3-1/2"	3' 10"	5'	4' 11-1/2"
<b>Additional riser allowed</b>		8"			
<b>Weight</b> Includes tank, upper slab, internal components, and coco filter		9,900 lb	10,000 lb	15,840 lb	19,520 lb
<b>Built-in effective volume available for dosing</b> Pumped discharge models only		150 US gal	34 US gal	200 US gal	220 US gal
<b>Emergency storage above alarm float</b>		500 US gal	145 US gal	750 US gal	1,360 US gal

Check product availability with your regional representative.

**Water inlet**  
Ø 4" nominal

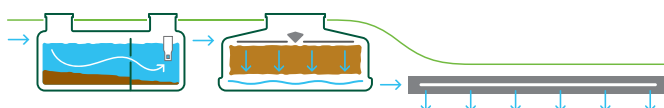
**Gravity water outlet**  
Ø 4" nominal

**Pumped water outlet**  
Ø 1-1/2" or 2" nominal

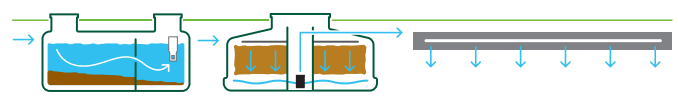


## TYPICAL INSTALLATIONS

Gravity discharge to leaching field



Pumped discharge to leaching field



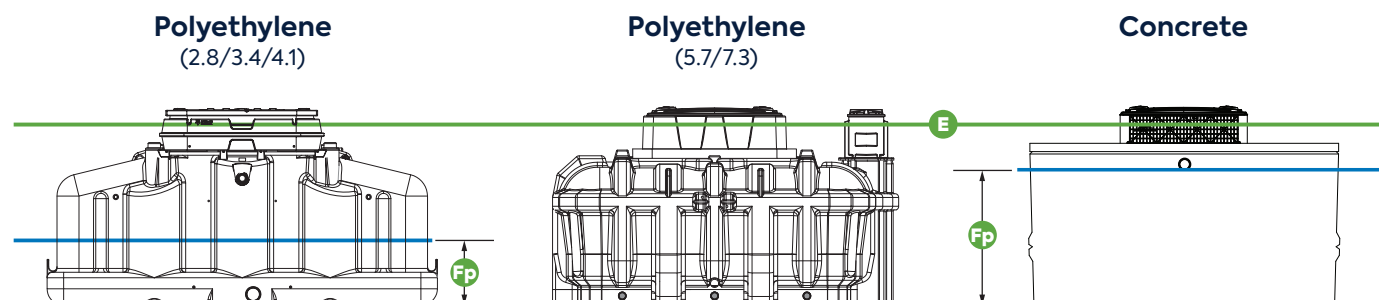
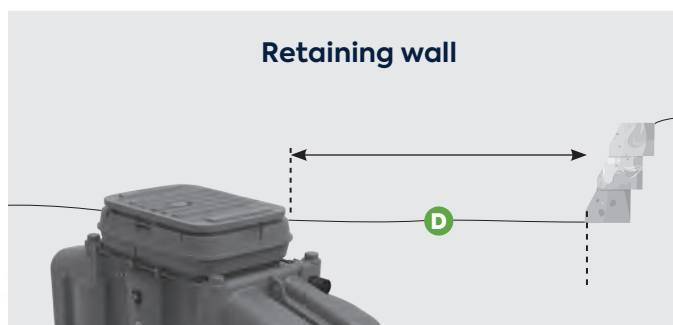
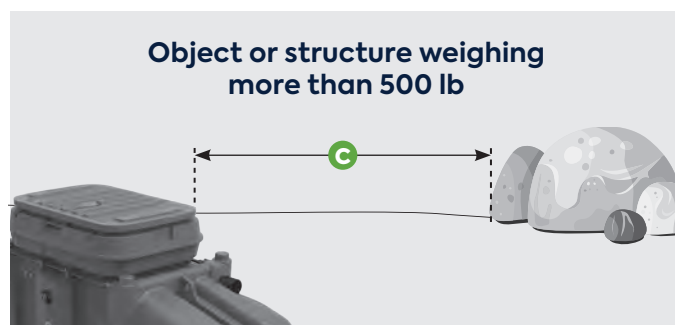
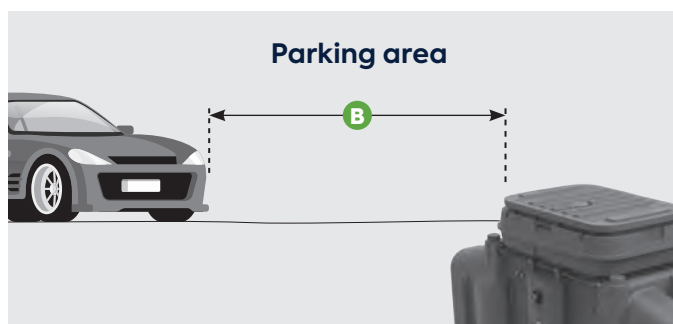
For float adjustments, see page 27.



# Recommended distances

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

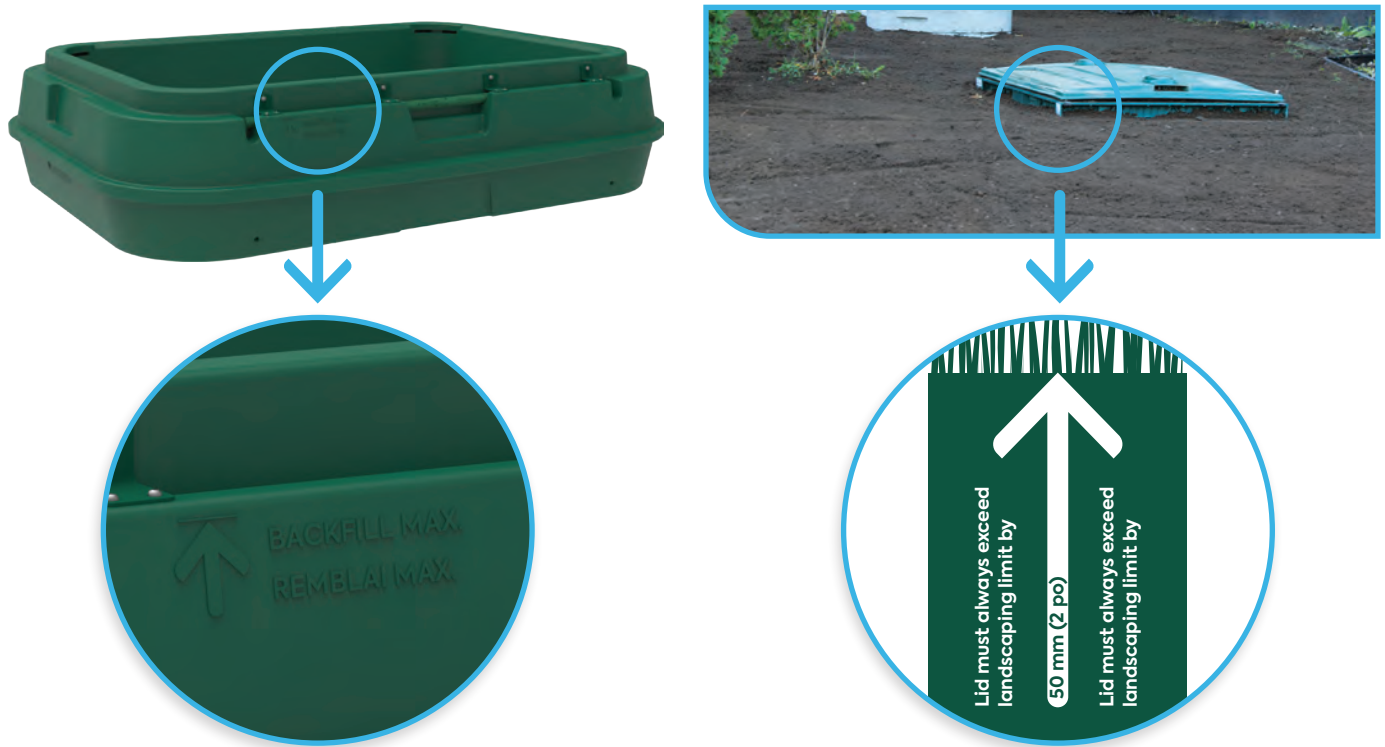
Reference points		Polyethylene		Concrete
		2.8/3.4/4.1	5.7/7.3	
Base of excess backfill, slopes, or embankments vs. biofilter lid	<b>A</b>	13'		10'
Parking area vs. biofilter lid	<b>B</b>	13'		10'
Object or structure weighing more than 500 lb (225 kg) vs. biofilter lid	<b>C</b>	13'		10'
Retaining wall vs. biofilter lid	<b>D</b>	13'		10'
Finished landscaping vs. base of biofilter lid	<b>E</b>	2"		
Seasonal high groundwater table vs. base of <a href="#">gravity-discharge unit</a>		Do not install in groundwater		
Seasonal high groundwater table vs. base of <a href="#">pumped-discharge unit</a>	<b>Fp</b>	2'	Do not install in groundwater	Up to bottom of inlet pipe



**Legend** — Finished landscaping — Seasonal high groundwater table

# Lid clearance

Keep 2" distance between the the final landscape level and the top of the lid.



## Components and accessories

### PUMPING STATIONS

- up to 67 US gal 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 6" to 14"





# REWATEC™

## Integrated UV disinfection (DiUV)

Our integrated DiUV option reliably kills wastewater pathogens, allowing for safe direct discharge into a watercourse or ditch.

### Wi-Fi system

Instant alerts allow us to help your client protect their investment and the environment. A service team will follow-up on any problem.

### Improved design

Strong, reliable parts ensure easy operation and maintenance.

### New UV lamp

Maximizes flow while lowering energy consumption.

### Integrated pump

Discharges treated wastewater in sites of any condition and keeps ditch water out of the treatment unit.



## READY TO INSTALL

We make installation fast and simple by pre-assembling and pre-wiring our UV disinfection units.

## SOLUTIONS FOR ANY SITE

UV disinfection can be integrated in many polyethylene and concrete Ecoflo biofilter models. It is also available in a separate tank.

Also available in  
stand-alone  
UV disinfection  
system



# UV specifications

		REWATEC	
ECOFLO		Integrated UV disinfection	UV disinfection in separate tank
Size	Model		
POLYETHYLENE			
2.8	EC7-500-P-G/P	✓	✓
	EC7-500-P-G/P-Pack	✓	✓
3.4	EC7-600-P-G/P	✓	✓
	EC7-600-P-G/P-Pack	✓	✓
4.1	EC7-750-P-G/P	✓	✓
	EC7-750-P-G/P-Pack	✓	✓
5.7	EC7-1050-P-G/P	✗	✓
7.3	EC7-1350-P-G/P	✗	✓
CONCRETE			
2.8	EC7-500-C-G/PDV	✓	✓
3.4	EC7-600-C-G/P	✓	✓
4.1	EC7-750-C-G/PDV	✓	✓
6.5	EC7-1200-C-G/PDV	✗	✓

For ECC/ECP models with DiUV availability please contact your regional representative.

## TREATMENT RESULTS

Parameter	BNQ* effluent standard	DiUV effluent
TSS	< 15 mg/L	4 mg/L
CBOD <sub>5</sub>	< 15 mg/L	4 mg/L
Fecal coliforms	< 20 CFU /100 mL <sup>†</sup>	< 2 CFU /100 mL <sup>†</sup>

\* Bureau de normalization du Québec certification, similar to NSF certification.

† Before photoreactivation.

## RECOMMENDED INFLUENT QUALITY

Parameter	Level
Iron	< 0.3 ppm (0.3 mg/L)
Manganese	< 0.05 ppm (0.05 mg/L)
Water hardness	< 7 gpg (120 mg/L)

# UV pumps

The **maximum length of the pressurized pipe** (flexible pipe) starting from the pump with a pipe measuring 1" (25 mm) or 1.5" (38 mm) in diameter depends on the head pressure (for instance, the difference in gradient between the base of the pump and the end of the pressurized pipe). The following table indicates the different pressurized pipe lengths allowed.

Height of the head pressure	15' (4.5 m)	10' (3 m)	5' (1.5 m)
Maximum Ø 1" (25 mm) pipe length	100' (30 m)	100' (30 m)	100' (30 m)
Maximum Ø 1.5" (38 mm) pipe length*	100' (30 m)	100' (30 m)	100' (30 m)

\* Does not apply to EC-2.8-C-P model



Champion 0.4 hp pump is for UV usage only  
6.6 A, 1 phase, 60 Hz, 115 V



# REWATEC™

## Nitrogen reduction (ECDn)

Safely discharge near ecologically sensitive areas with our nitrogen reduction offer that converts ammoniacal nitrogen into harmless nitrogen gas.

### Septic tank (with baffle)

Captures solids and clarifies wastewater.

### Ecoflo biofilter

Filters wastewater through a coconut husk fragment 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

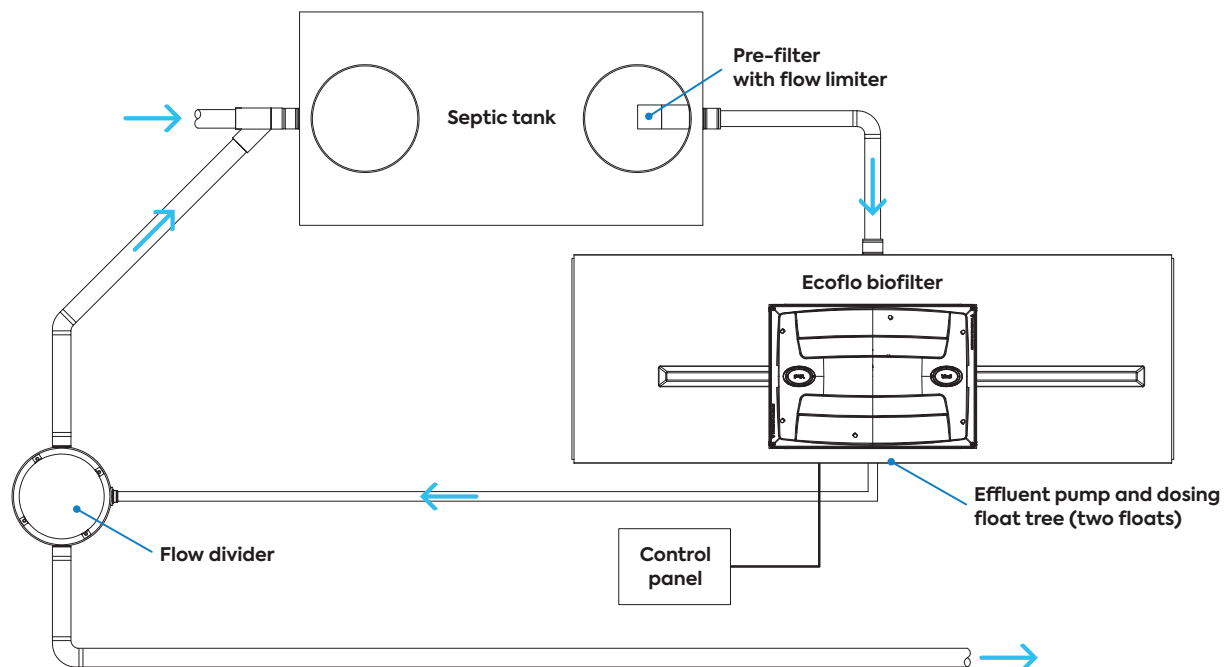
Nitrogen reduction is available with many polyethylene and concrete Ecoflo biofilter models.

## TREATMENT RESULTS

Parameter	NSF 245 effluent standard	ECDn effluent
TSS	< 30 mg/L	2 ± 2 mg/L
CBOD <sub>5</sub>	< 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	Model
500 US gal/d	ECDN-500-P
600 US gal/d	ECDN-600-P
	ECDN-600-P-PACK
865 US gal/d	ECDN-865-P
1,100 US gal/d	ECDN-1100-P

#### Concrete

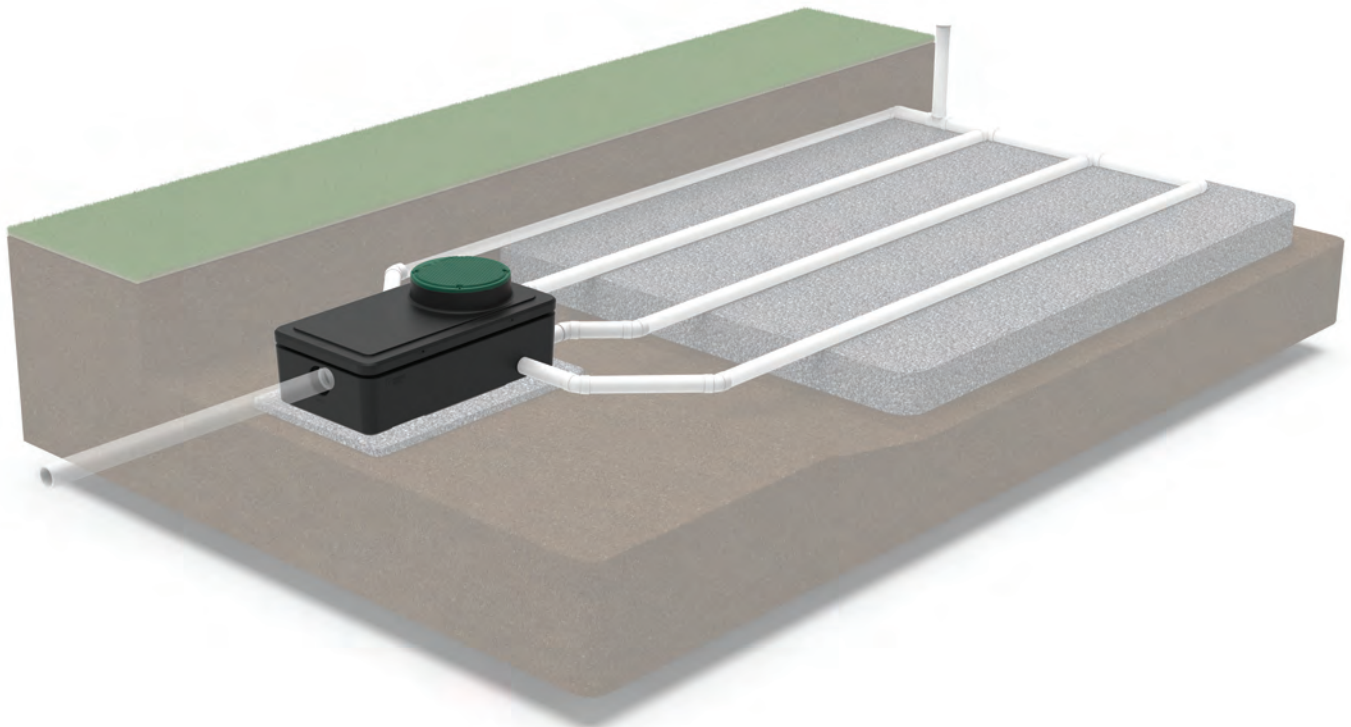
Hydraulic capacity	Model
600 US gal/d	ECDN-600-C
1,000 US gal/d	ECDN-1000-C



# REWATEC™

## Gravity dosing distribution box

The only system that combines dosing and distribution into a single lightweight unit.



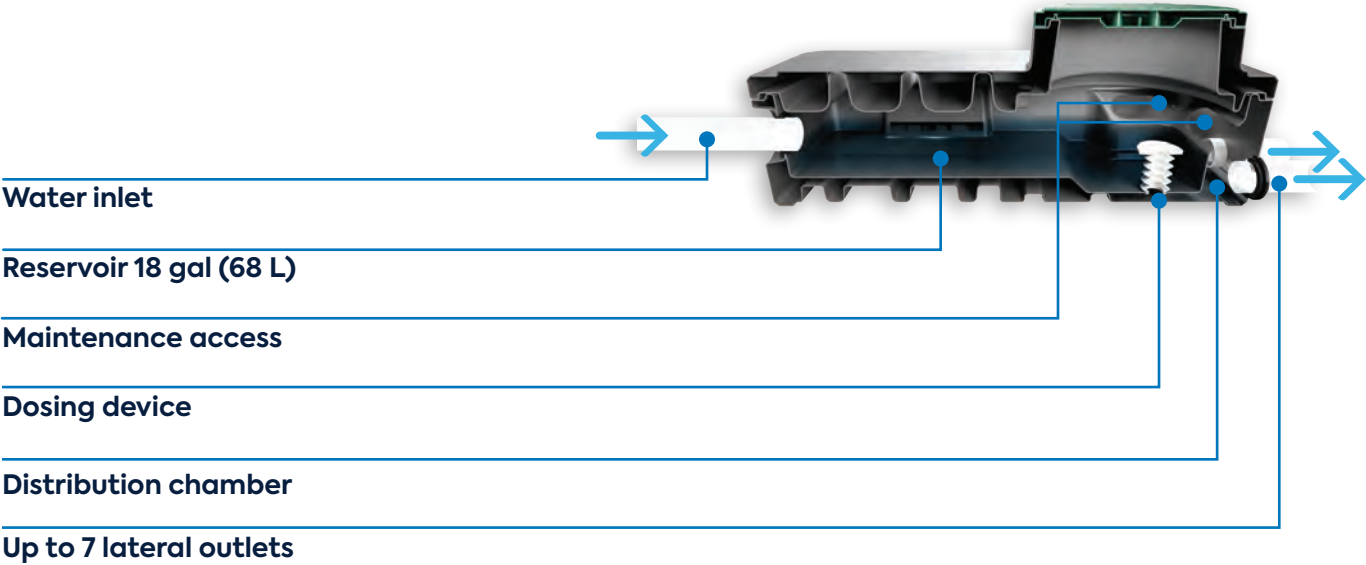
### AVANTAGES

- **Longevity**
  - Uniform dosing increases your soil absorption area's lifespan
  - Flow levelers can be added to each outlet
- **Two functions in one reservoir**
  - Adjustable dose from 12 to 18 gallons
  - Gravity distribution with zero energy required
- **Easy to install and maintain**
  - Lighter than concrete distribution boxes
  - Access without the need for tools or dismantling

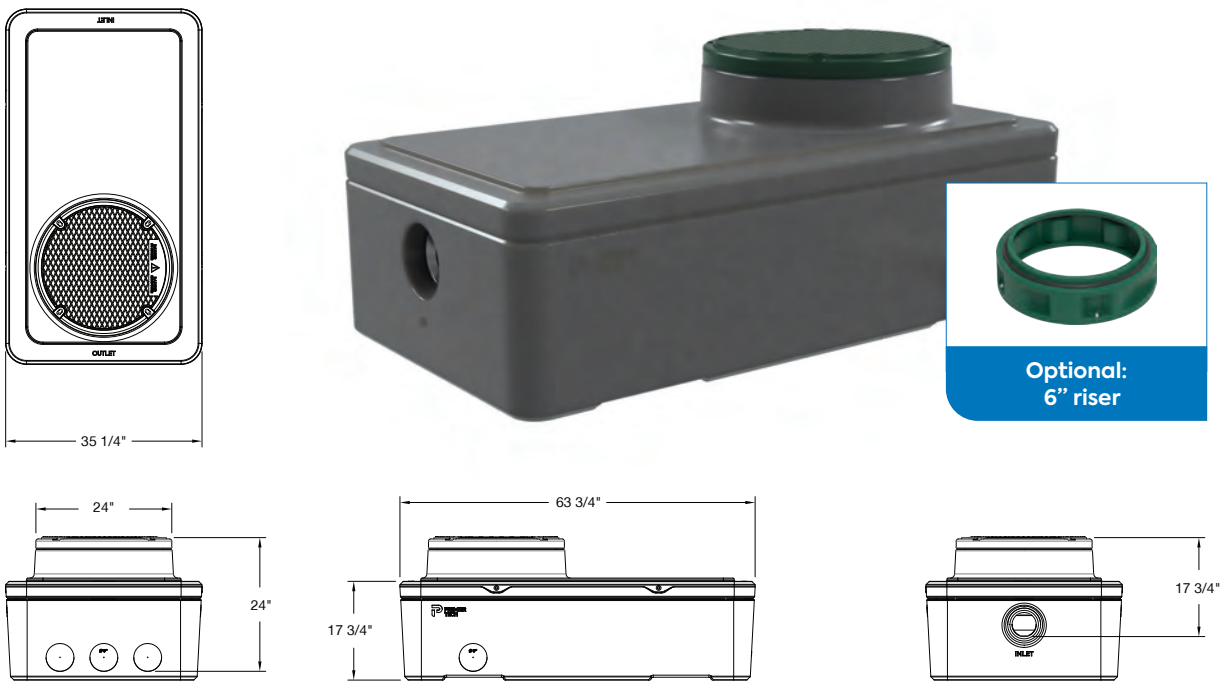
### USAGE

- All septic installations that rely on gravity distribution
- Trench or bed absorption areas

EXCLUSIVE DESIGN



TECHNICAL SPECIFICATIONS



\* Protected intellectual property reference: 8296  
[patentmarking.premiertech.com](http://patentmarking.premiertech.com)



# REWATEC™

## Pumping stations



	PSA-240	PSA-240H
<b>Pump</b>	0.4 hp	0.5 hp
<b>Float</b>	On/off pump switch and alarm switch	
<b>Length of base</b> <b>A</b>	3' 1-1/2"	
<b>Width of base</b> <b>B</b>	2' 10"	
<b>Height</b> <b>C</b>	4' 2"	5' 4"
<b>Inlet height</b> <b>D</b>	2' 1"	3' 5-3/4"
<b>Outlet height</b> <b>E</b>	3' 4"	
<b>Riser height allowed</b>	2' 4"	
<b>Weight</b>	110 lb	123 lb
<b>Effective dosing volume</b>	40 US gal	67 US gal
<b>Total volume</b> At water inlet level	63 US gal	106 US gal

### Water inlet

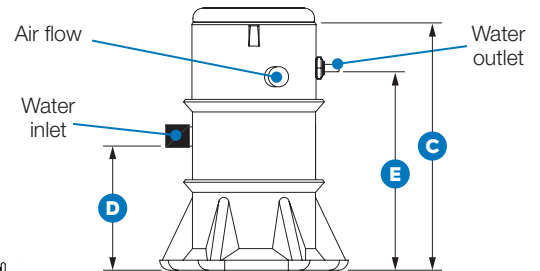
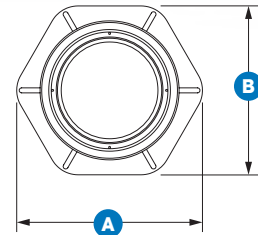
Ø 4" nominal

### Water outlet

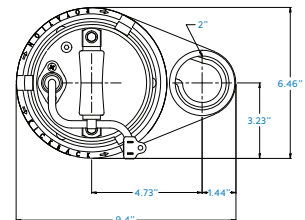
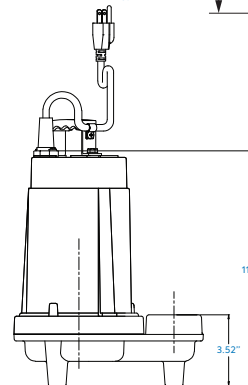
Ø 1-1/2" or 2" nominal

### Air flow

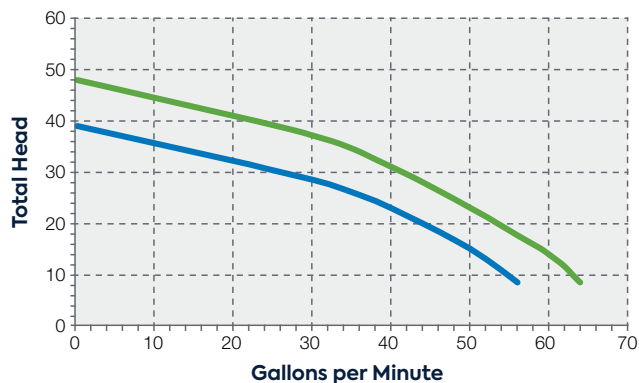
Ø 4" nominal



## Pumps



## PERFORMANCE CURVE



### Legend

- Champion 0.4 hp pump (supplied with all pumping stations) 6.6 A, 1 phase, 60 Hz, 115 V
- Champion 0.5 hp pump (supplied with all pumped Ecoflo biofilter) 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.

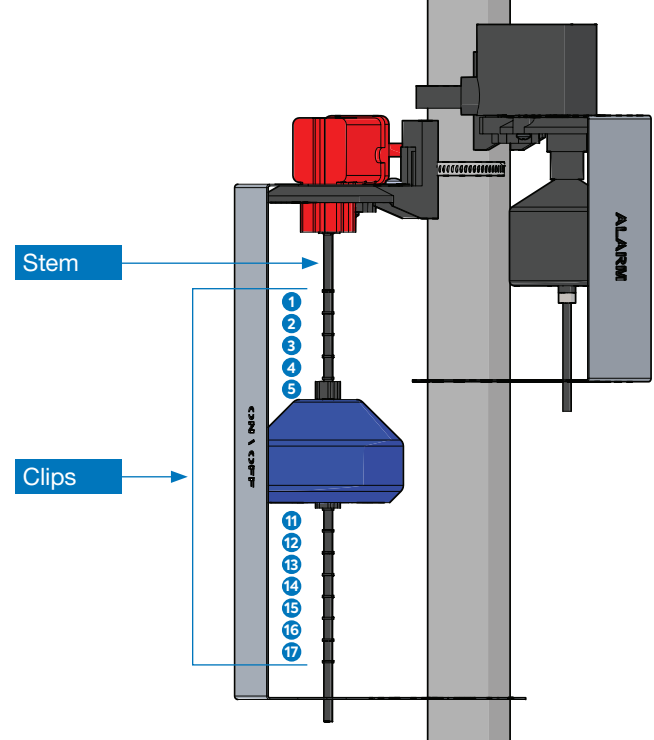
	Single phase	
	Maximum pump running current	Maximum pump starting current
120 VAC 50/60 Hz	13 A	60 A
230 VAC 50/60 Hz	12 A	60 A

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.

Refer to the technical datasheet for the vault dimensions.

# Float adjustments

The factory setting will give the minimum dose.  
To customize the setting to accommodate local regulations or on-site requirements, please refer to the following tables.



## POLYETHYLENE

Desired dose volume					Adjustment
2.8 – 500	3.4 – 600	4.1 – 750	5.7 – 1050	7.3 – 1350	
25 US gal	30 US gal	35 US gal	30 US gal	40 US gal	None (factory setting)
80 US gal	95 US gal	100 US gal	85 US gal	115 US gal	Place a clip at the 5th and 15th spaces from the top of the stem.
105 US gal	120 US gal	130 US gal	110 US gal	155 US gal	Place a clip at the 3rd and 15th spaces from the top of the stem.
130 US gal	150 US gal	165 US gal	140 US gal	195 US gal	Place a clip at the 2nd and 16th spaces from the top of the stem.
160 US gal	180 US gal	200 US gal	175 US gal	235 US gal	Place a clip at the 1st and 17th spaces from the top of the stem.
			230 US gal	295 US gal	Place a clip at the 17th space from the top of the stem. <b>DO NOT PLACE ANY OTHER CLIPS.</b>

## CONCRETE

Desired dose volume			Adjustment
2.8 – 500	4.1 – 750	6.5 – 1200	
20 US gal	30 US gal	95 US gal	None (factory setting)
70 US gal	95 US gal	n/a	Place a clip at the 5th and 15th spaces from the top of the stem.
90 US gal	120 US gal	130 US gal	Place a clip at the 3rd and 15th spaces from the top of the stem.
110 US gal	140 US gal	165 US gal	Place a clip at the 2nd and 16th spaces from the top of the stem.
125 US gal	165 US gal	200 US gal	Place a clip at the 1st and 17th spaces from the top of the stem.
150 US gal	195 US gal	220 US gal	Place a clip at the 17th space from the top of the stem. <b>DO NOT PLACE ANY OTHER CLIPS.</b>





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