

ECOFLO[®] | REWATEC[™]

PSMA



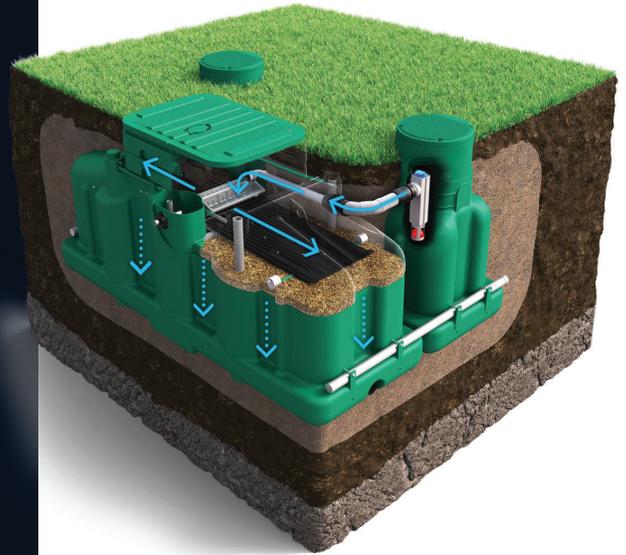
ECOFLO[®]

What is Ecoflo?



How does the Ecoflo compact biofilter work?

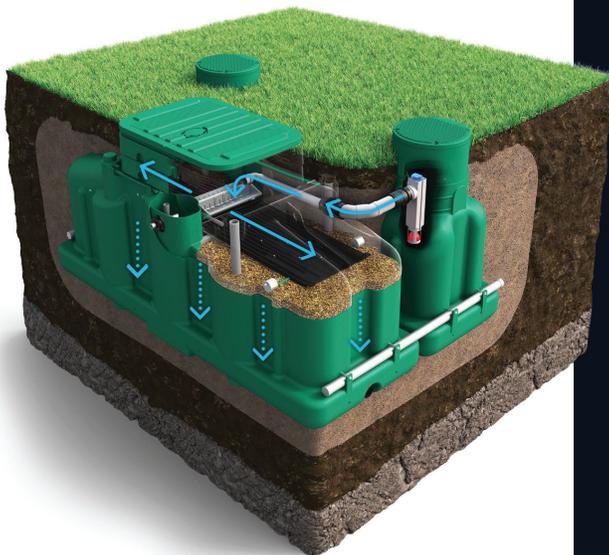
- receives wastewater from the primary treatment unit
- scatters wastewater across the filtering medium made of coconut husk fragments for treatment
- coco filter creates a physical barrier that captures and removes wastewater pollutants
- after treatment, wastewater flows downstream for additional treatment or for safe discharge



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The Ecoflo compact biofilter is different by design

- allows easy access to all system components
- expired filtering medium is removed by our team and sent to compost, giving a third life to the coco husk fragments
- fast and simple renewal process:
 - requires **no excavation**
 - **zero impact** on your landscaping



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Why choose Ecoflo?



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Applications for Ecoflo

Direct alternative to sand mound

Use with at-grade beds

- low profile, on contour, least amount of material
- more aesthetically pleasing
- increases usable space on property

Limiting zone 20" or better

Perc rates 3 to 180 mpi

- up to 40% reduction with perc rates under 60 mpi

Slopes up to 15%

- 0-2% - Level top
- 2-12% - 4 to 1 length-to-width ratio
- 12-15% - 6 to 1 length-to-width ratio



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Applications for Ecoflo

Shallow limiting zone solutions with Tyler bed

10" to 20" limiting zones
Need soil scientist for loading rates

Excellent pre-treatment when treatment is necessary

Drip systems
Difficult sites

Stream discharge

Built-in UV disinfection

Denitrification systems

Experimental permit
Need additional test sites

Depot network





Product warranty

Proudly standing behind our products since 1995



- tanks
- filtering medium
- components*
- replacement parts*
- labor included

- pumps and floats: 3 years
- pump replacement: 3 years

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Performance warranty

Operates 24/7

- no electricity needed for treatment

Physical barrier

- never clogs or contaminates the property
- no public health risk



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**Permanent
septic installation**

**A lifetime
of sustainable
septic solutions**

**Best long-term
investment**



Never needs to be moved

Physical barrier

Filtering medium renewal:

- new warranty (10 years)
- new medium at lower cost than new system
- no excavation or system replacements
- no risk to the environment or public health

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ECOFLO[®]

PA and NJ offer



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Polyethylene PACK

Solution for:

- sites with limited access
- simple and quick installations

Advantages:

- primary reactor included
- compact and lightweight
- ready to use
- integrated pumping chamber



750
US gal/d

MAX. CAPACITY

1

EXCAVATION



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ECOFLO[®]

Polyethylene

Solution for:

- sites with limited access
- simple and quick installations

Advantages:

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



1,350
US gal/d

MAX. CAPACITY



READY TO USE



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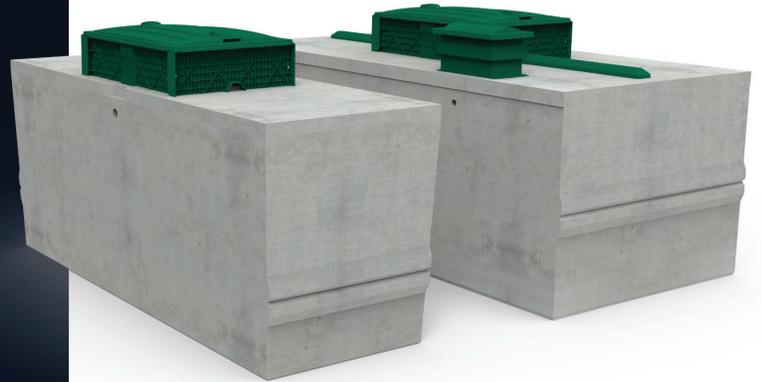
Concrete

Solution for:

- all soil types
- high groundwater
- sites with heavy objects

Advantages:

- two 8" risers allowed*
- high-strength tank
- ready to use
- integrated pump



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Pumps

1/2 HP Champion pump
for biofilters

4/10 HP Champion pump
for UV

3-year warranty:

- parts
- labor



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REWATEC™

Integrated UV disinfection (DiUV)

Improved design

- filter included
- integrated pump
- ready to use
- pre-wired
- 100' wire included
- Wi-Fi alarm included



REWATEC™

Integrated UV disinfection (DiUV)

Most complete UV offer in the industry

Start-up

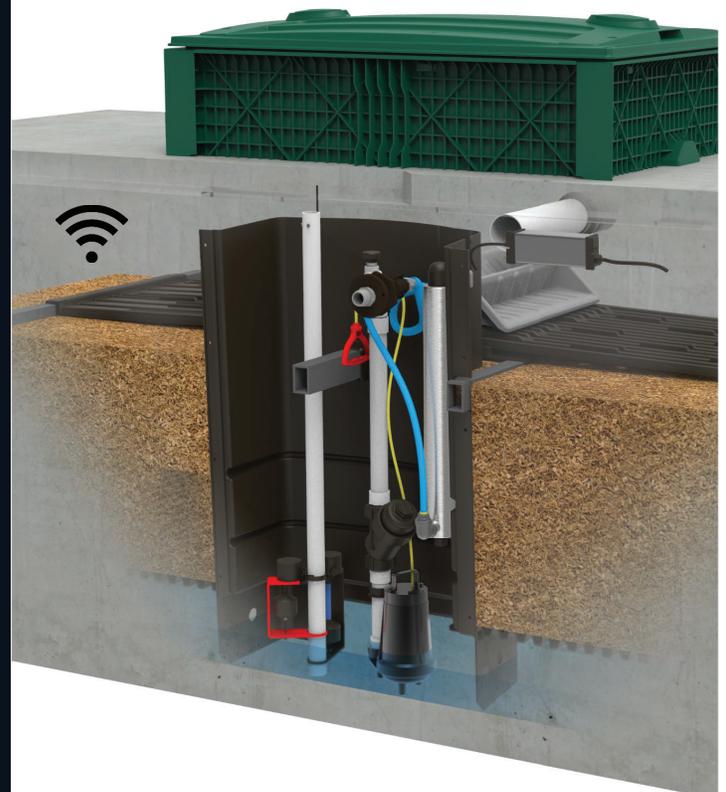
- phone call and site visit
- verify installation and Wi-Fi alarm setup

1st year maintenance

- for Ecoflo compact biofilter and UV

1st UV lamp replacement

- bulb and labor



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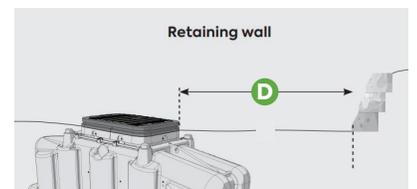
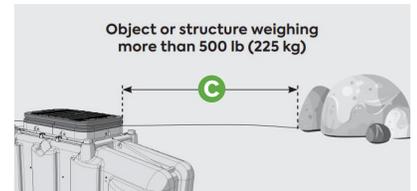
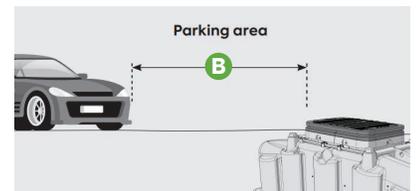
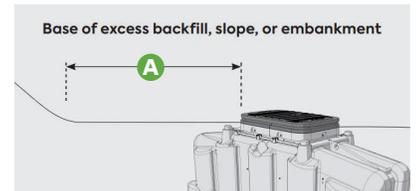
Installation guidelines



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Distances to respect

Reference points	Polyethylene 2.8 - 3.4 - 4.1	Polyethylene 5.7 - 7.3	Concrete
Base of excess backfill, slopes, or embankments vs. biofilter lid A	13'	13'	10'
Parking area vs. biofilter lid B	13'	13'	10'
Object or structure weighing more than 500 lb (225 kg) vs. biofilter lid C	13'	13'	10'
Retaining wall vs. biofilter lid D	13'	13'	10'
Finished landscaping vs. base of biofilter lid	2"		
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	2'	Do not install in groundwater	Up to bottom of inlet pipe



Risers allowed



Extra - 8"

2 risers allowed
on case-by-case basis



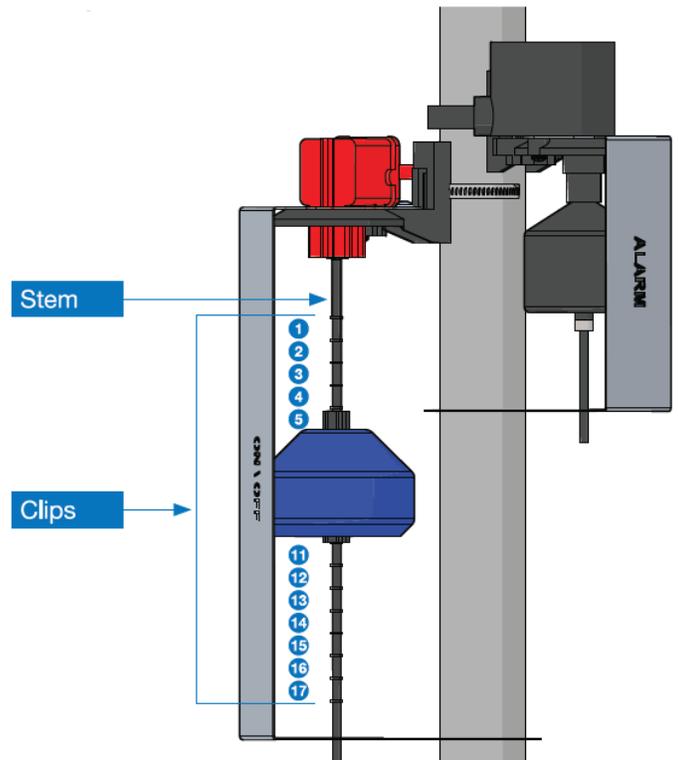
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Float adjustment

All floats must be adjusted!

Adjust the ON/OFF float according to the desired dose volume:

- select the proper float setting from the float adjustment charts
- set the upper and lower clips accordingly



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Services

Wastewater treatment



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Annual maintenance

- maximizes the filtering medium's lifespan
- protects your client's investment
- filtering medium aeration and scarification
- updates information on file



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Premier Tech and PSMA inspections

What you **can** inspect

- lids and covers - should be secured and in good physical condition
- tank shell - good physical condition, just like any other tank inspection
- tipping bucket - should be level, free of debris, and tip back and forth freely
- distribution plates - should be free of debris and in good physical condition
- pump - inspect for proper operation
- floats - ensure ON/OFF float activates pump, alarm float activates the alarm
- effluent filter - ensure it is in place and functioning properly

Premier Tech and PSMA inspections

What you **can't** inspect

Filtering media (peat moss or coco husks)

Premier Tech will be able to provide status on the condition of the filtering media based on previous service records or in-person diagnostics

Who to contact for more info

Call Customer Service at 1 800 632-6356

- media evaluation
- past maintenance records
- set up a diagnostic visit



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