

Ecoflo[®] Coco Filter

ECOLOGICAL SEPTIC SYSTEM



NO ENERGY FOR THE TREATMENT
100% RENEWABLE FILTERING MEDIA
PERMANENT ONSITE SOLUTION
ACCESS TO THE FILTER AT ALL TIMES
EASY AND TROUBLE-FREE INSTALLATIONS

REFERENCE GUIDE

FOR WASTEWATER TREATMENT PROFESSIONALS

EC7 MODEL SERIES



 **PREMIER TECH**
AQUA



Certified
to NSF/ANSI
Standard
40 & 245



Ecoflo[®] Coco Filter

POLYETHYLENE

Treating 500 to 20,000 US gal/d

- Ultra-compact and discrete
- Delivered to sites pre-assembled and ready to be installed
- Built-in pump vault (all Ecoflo models)
- Also available as a nitrogen removal unit



LIGHT AND EASY TO HANDLE!

**BUILT-IN LIFTING ANCHORS
ON ALL MODELS FOR QUICK
AND SAFE LOADING AND
UNLOADING.**



TECHNICAL DATA

Refer to ptzone.premiertechnaqua.com for all technical documentation and contact your local representative for availability in your region

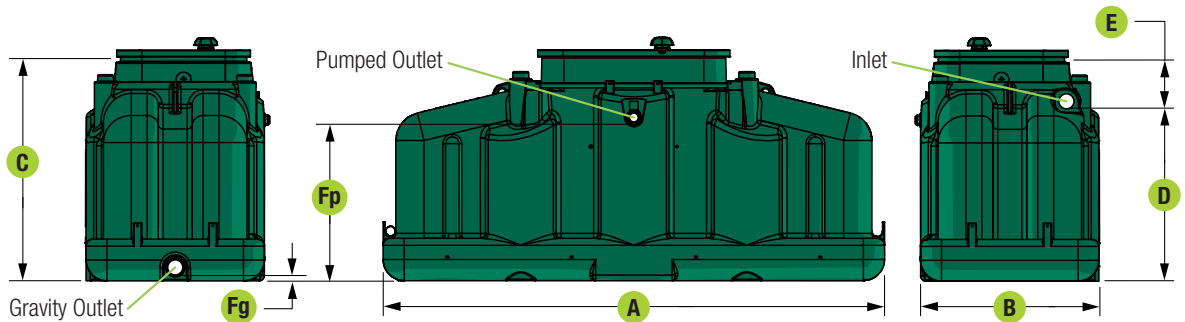


EC7 MODELS	EC7-500-P-G/P-USA EC7-1900-P-G/P-CAN	EC7-600-P-G/P-USA EC7-2200-P-G/P-CAN	EC7-1050-P-G/PDV-USA EC7-4000-P-G/PDV-CAN
Daily flow	500 US gal/d (1,900 L/d)	600 US gal/d (2,200 L/d)	1,050 US gal/d (4,000 L/d)
Treatment surface area	30 ft ² (2.8 m ²)	37 ft ² (3.4 m ²)	61 ft ² (5.7 m ²)
Length (A)	123" (3,125 mm)	139 3/4" (3,550 mm)	125" (3,180 mm)
Width (B)	50 3/8" (1,280 mm)	50 3/8" (1,280 mm)	79" (2,000 mm)
Height (C)	63 1/2" (1,610 mm)	63 1/2" (1,610 mm)	73" (1,850 mm)
Inlet height (D)	48 5/8" (1,240 mm)	48 7/8" (1,240 mm)	50" (1,260 mm)
Inlet height (E)	15" (380 mm)	15" (380 mm)	23" (580 mm)
Outlet height (Fg) Gravity discharge model	1 1/2" (38 mm)		
Outlet height (Fp) Pumped discharge model	45 1/2" (1,155 mm)		49" (1,245 mm)
Weight (including internal components and filtering media)	1,210 lb (550 kg)	1,320 lb (600 kg)	2,015 lb (915 kg)
Built-in effective volume available for dosing Pumped discharge model only	150 US gal. (565 L)	175 US gal. (660 L)	230 US gal. (870 L)

Weights and dimensions indicated are approximate and none binding
For handling and lifting purposes only

Systems must be commissioned, used and operated in accordance with our instructions
Installation Guides and Owner's Manuals available on ptzone.premiertechnaqua.com

Water Inlet
Ø 4" (100 mm) nominal
Gravity Water Outlet
Ø 4" (100 mm) nominal
Pumped Water Outlet
Ø 1.5" (38 mm) nominal

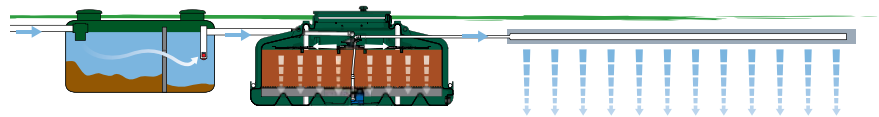


WHEN TO USE THE POLYETHYLENE MODEL?

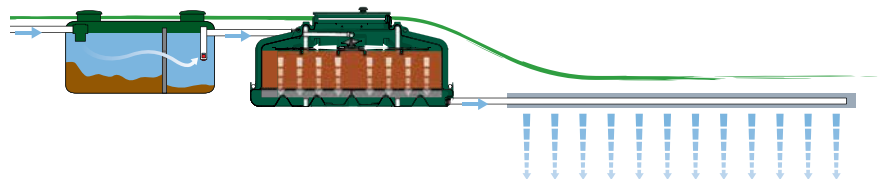
- Tight spaces and small lots
- When projects must be completed quickly
- When heavy machinery is not available
- Lots with obstacles (trees, well, etc.)
- High water tables (up to 2 ft)

TYPICAL INSTALLATIONS

Ecoflo® Coco Filter Polyethylene - watertight bottom - integrated pump - pumped discharge



Ecoflo® Coco Filter Polyethylene - watertight bottom - gravity discharge



NITROGEN REMOVAL OPTION AVAILABLE (all Ecoflo® models)

Ecoflo[®] *Coco Filter*

POLYETHYLENE • PACK

Treating up to 600 US gal/d

- Innovative monobloc configuration
- Faster and easier to install
- Reduces wait time and labor on sites
- Quality installations every time



THE NEW GAME-CHANGER

ALL-IN-ONE
COMPACT SOLUTION



TECHNICAL DATA

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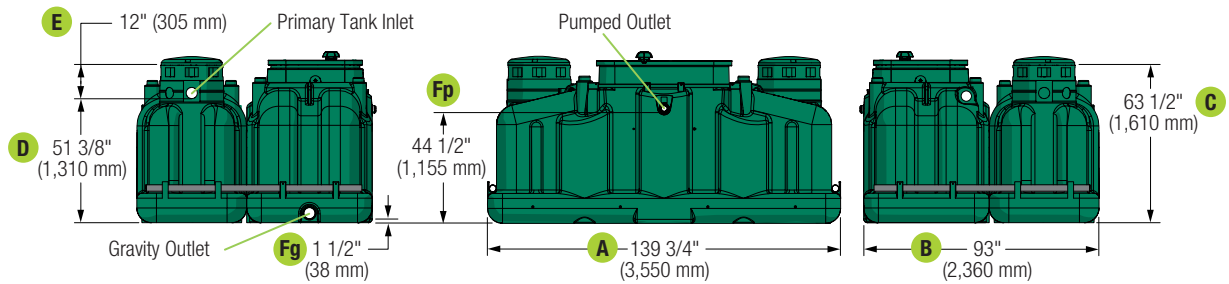


EC7 MODELS	EC7-600-P-G-PACK-USA EC7-2200-P-G-PACK-CAN	EC7-600-P-P-PACK-USA EC7-2200-P-P-PACK-CAN
Daily flow	600 US gal/d (2,200 L/d)	
Type of disposal	gravity	pumped
Type of bottom	watertight	watertight
Treatment surface area	37 ft² (3.4 m²)	
Primary tank volume	1,000 US gal. (3,875 L)	
Length (A)	139 3/4" (3,550 mm)	
Width (B)	93" (2,360 mm)	
Height (C)	63 1/2" (1,610 mm)	
Inlet height of the primary tank (D)	51 3/8" (1,310 mm)	
Inlet height of the primary tank (E)	12" (305 mm)	
Outlet height (Fg and Fp)	1 1/2" (38 mm)	45 1/2" (1,155 mm)
Weight (including internal components and filtering media)	1,850 lb (840 kg)	1,870 lb (850 kg)
Built-in effective volume available for dosing	—	175 US gal. (660 L)

Weights and dimensions indicated are approximate and none binding
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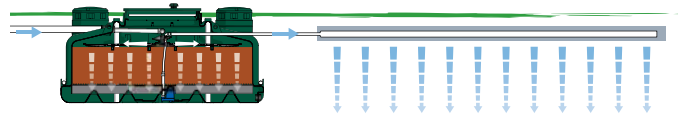
Water Inlet
Ø 4" (100 mm) nominal
Gravity Water Outlet
Ø 4" (100 mm) nominal
Pumped Water Outlet
Ø 1.5" (38 mm) nominal



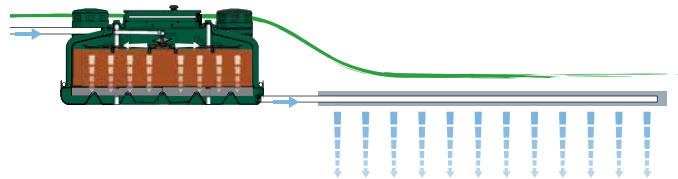
PERFECT
FOR TIGHT
SPACES

TYPICAL INSTALLATIONS

Ecoflo® Coco Filter Polyethylene (PACK option) - watertight bottom - integrated pump - pumped discharge



Ecoflo® Coco Filter Polyethylene (PACK option) - watertight bottom - gravity discharge



NITROGEN REMOVAL OPTION AVAILABLE (all Ecoflo® models)

Ecoflo[®] Coco Filter

CONCRETE

Treating 500 to 20,000 US gal/d

- Robust and durable
- Easy to handle
- Pre-assembled and ready to be installed
- Suitable for all soil and site conditions



**TANKS MADE BY
LOCAL PRECASTERS!**

**SUITABLE FOR HIGH
WATER TABLES**



TECHNICAL DATA

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EC7 MODELS	EC7-500-C-G/P-USA	EC7-850-C-G/P-USA
Daily flow	500 US gal/d (1,900 L/d)	850 US gal/d (3,200 L/d)
Type of disposal	gravity or pumped	gravity or pumped
Type of bottom	watertight	watertight
Treatment surface area	30 ft ² (2.8 m ²)	48 ft ² (4.5 m ²)
Length (A)	120" (3,050 mm)	121" (3,073 mm)
Width (B)	50 1/2" (1,280 mm)	68" (1,727 mm)
Height (C)	77 1/4" (1,960 mm)	73 1/8" (1,855 mm)
Inlet height (D)	55 1/2" (1,410 mm)	48" (1,220 mm)
Inlet height (E)	21 3/4" (550 mm)	25 1/8" (635 mm)
Outlet height (Fp)	55 1/4" (1,400 mm)	51 1/2" (1,310 mm)
Weight (including internal components and filtering media)	9,800 lb (4,445 kg)	13,500 lb (6,124 kg)
Built-in effective volume available for dosing	150 US gal. (565 L)	35 US gal. (130 L)

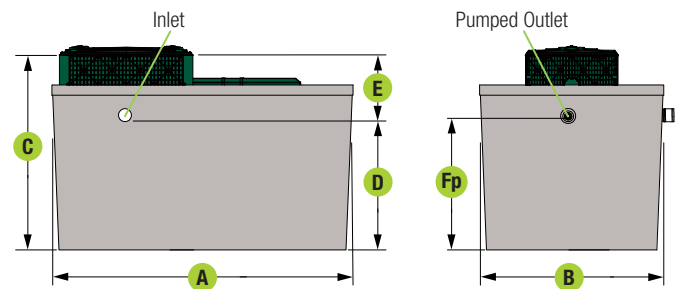
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Gravity Water Outlet
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Pumped Water Outlet
Ø 1.5" (38 mm) nominal

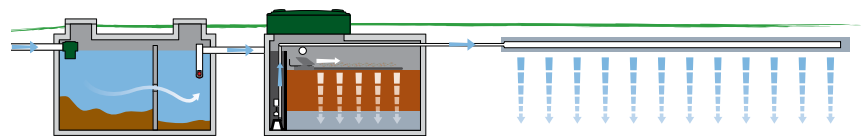


WHEN TO USE THE CONCRETE MODEL?

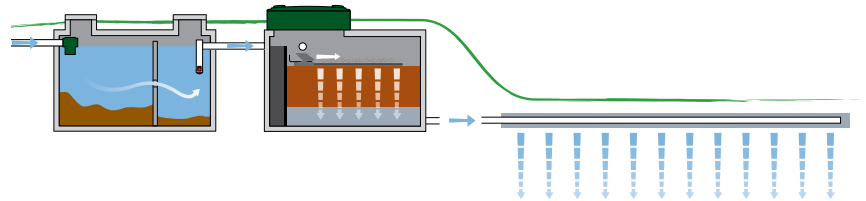
- All types of lots, including clay soils
- High water tables

TYPICAL INSTALLATIONS

Ecoflo® Coco Filter Concrete - watertight bottom - integrated pump - pumped discharge



Ecoflo® Coco Filter Concrete - watertight bottom - gravity discharge

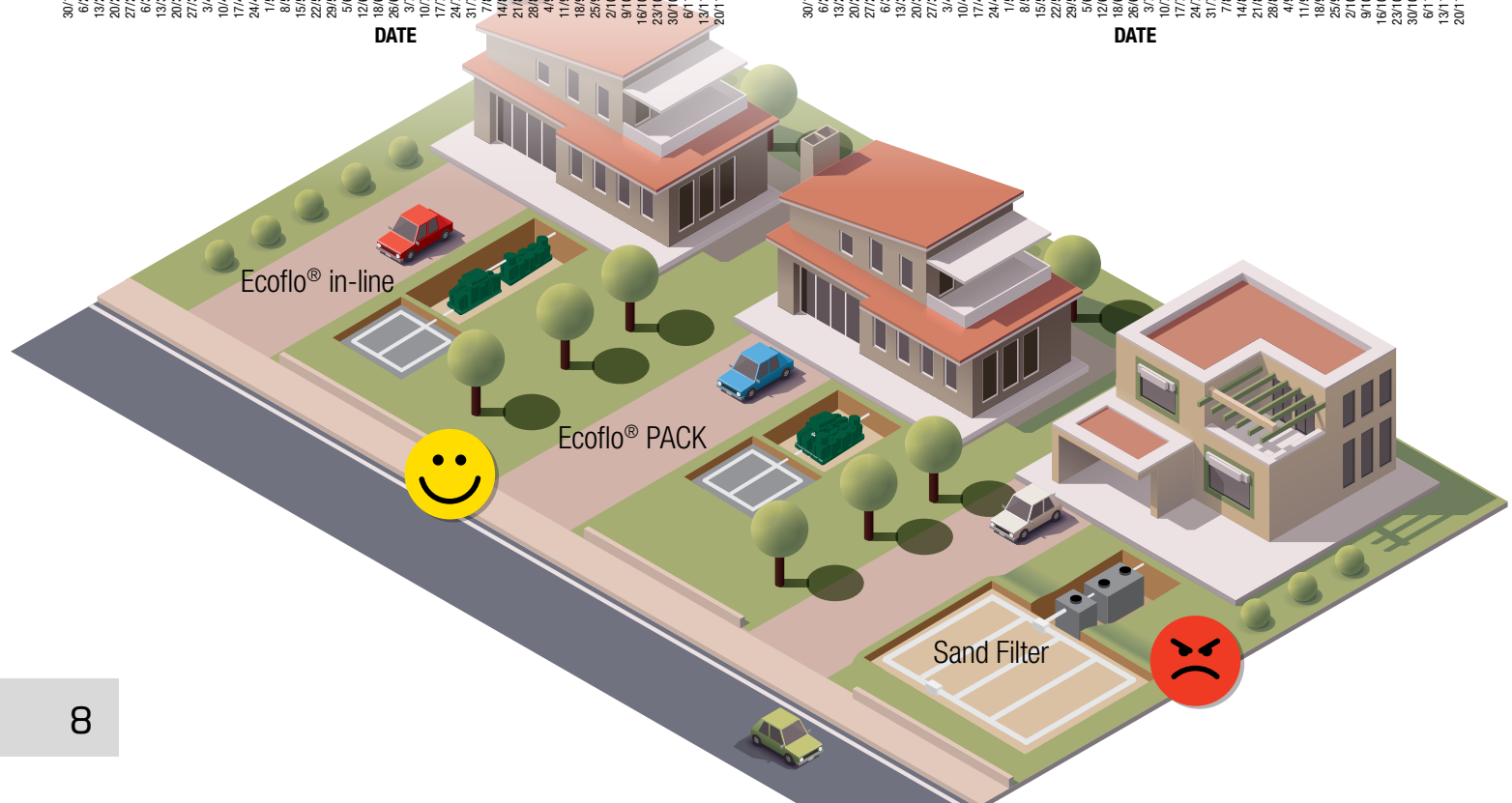
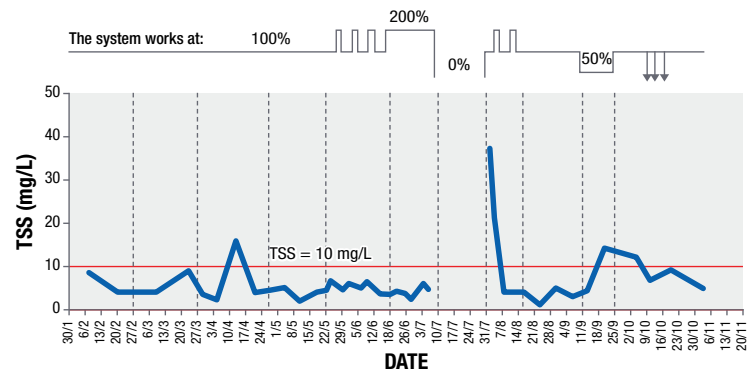
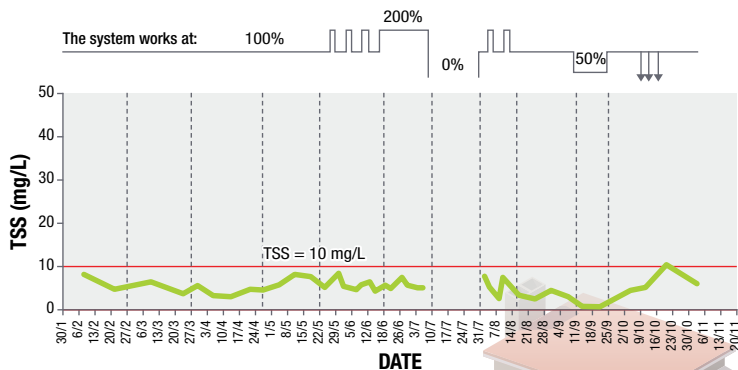


PREFER THE NO. 1 CHOICE OF PEOPLE FOR WATER

Ecoflo[®] Coco Filter VS. SAND FILTER

Underground system ensuring optimal use of the property	Aboveground, unattractive mound installation
20 years of proven reliability	Unknown in-field performances
Ultra compact (100 ft ² for Ecoflo PACK)	Large final footprint (min. 600 ft ²)
Quality-controlled unit and filtering media	Inconsistency of sand quality
10-year filter life expectancy, guaranteed	No warranty option with costly future repairs

RESULTS OBTAINED ON THIRD PARTY TEST PLATFORMS

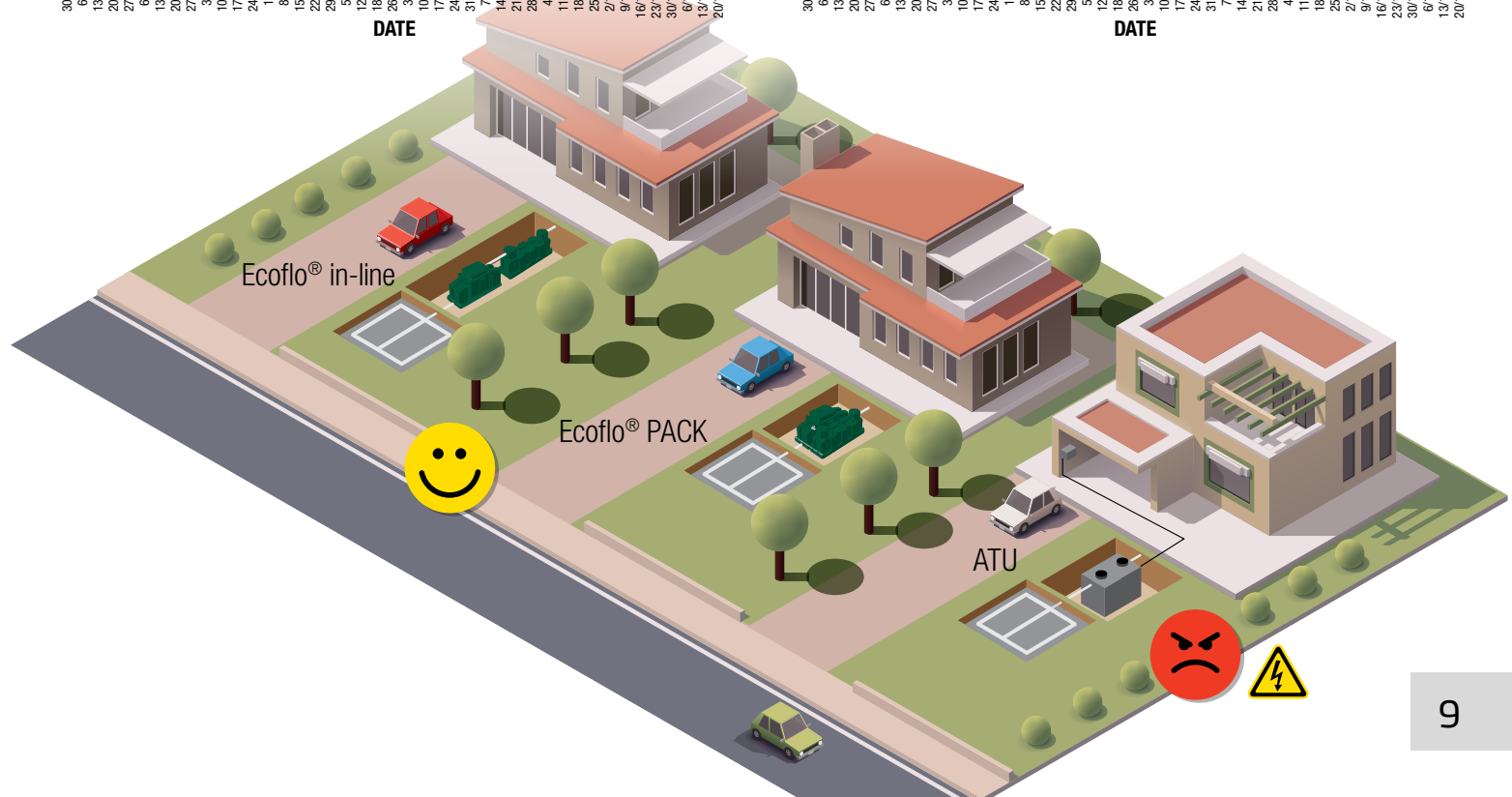
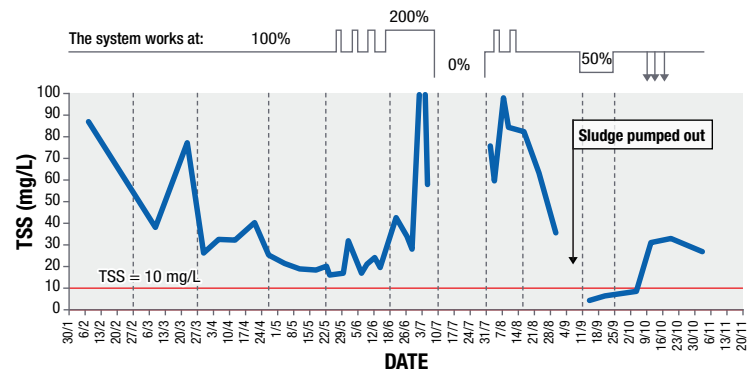
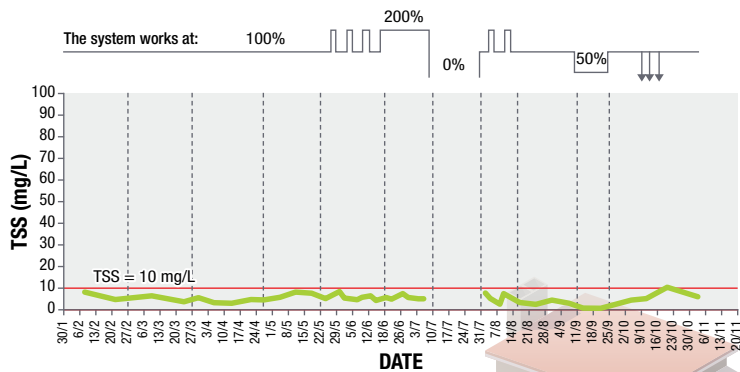


PREFER THE NO. 1 CHOICE OF PEOPLE FOR WATER

Ecoflo[®] Coco Filter VS. ATU

Passive wastewater treatment	Electricity required to treat water
Certified for both permanent and seasonal installations	Unstable performances – not suitable for seasonal use
Treats water even during power outages	Cannot operate without electricity
Longest warranty in the industry (10 years)	3-year limited warranty
Septic tank pump outs every 2 to 3 years	System pump outs every 1 to 2 years

RESULTS OBTAINED ON THIRD PARTY TEST PLATFORMS



A SIMPLE NO ENERGY TREATMENT SYSTEM

99% REMOVAL OF POLLUTANTS*

*Basic contaminants, including fecal coliforms, CBOD₅ and TSS.

Ecoflo helps protect groundwater, the source of drinkable water for the homeowners.

Groundwater

THE AMAZING COCO AT THE HEART OF ECOFLO



HOW IT WORKS?

- 1 Septic tank**
Clarifies wastewater coming from the residence by retaining solids.
- 2 Ecoflo Coco Filter**
Treats wastewater naturally and acts as a barrier that retains pollutants thanks to its 100% organic filtering media made from a renewable raw material.
- 3 Infiltration area**
99% treated, wastewater infiltrates the natural soil for final purification and a better protection of groundwater sources.

100% natural filtering media made from coconut husks, giving a second life to a by-product of the coco industry.

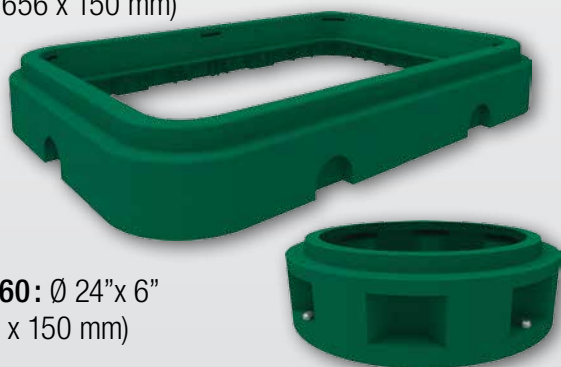
See its production! [YouTube](#)



QUALITY PERIPHERALS AND GENUINE REPLACEMENT PARTS

RISER KIT* FOR POLYETHYLENE ECP-450 MODEL

STR-060: 33" x 26" x 6"
(850 x 656 x 150 mm)



PSR-060: Ø 24" x 6"
(Ø 600 x 150 mm)

*See the Installation Guide for number of risers allowed.

RISER* FOR CONCRETE MODELS

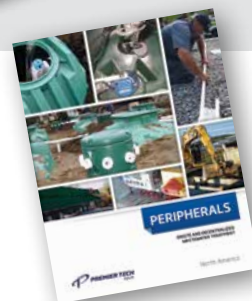
STR-080: 33" x 26" x 8"
(850 x 656 x 200 mm)



ALSO AVAILABLE

Pumping stations, lids, flow dividers, septic tanks and more!

Download our Peripheral Catalog
on ptzone.premiertechnaqua.com



THE LONGEST WARRANTIES IN THE INDUSTRY!

PROUDLY STANDING BEHIND OUR CLAIMS FOR OVER 20 YEARS.

10
YEARS

+

10
YEARS

+

10
YEARS

+

2
YEARS

on polyethylene
shells

on all internal
components

on filtering media
automatically renewed
at the replacement

on any electro-
mechanical parts
(pumped effluent only)

**Homeowners enjoy the protection
of the longest warranty on the market...
for the life of their system!**

We offer an annual maintenance program
tailored to your state or province.



THE Ecoflo® ADVANTAGE

- ✓ Largest team of experts, engineers, biologists and technicians in the world.
- ✓ Top Quality Customer Care dedicated to the success of wastewater professionals and the peace of mind of each Ecoflo homeowner.
- ✓ Award-winning product line and complete added-value peripheral offer.
- ✓ Unique service and maintenance programs tailored to your state or province provided by a network of local partners trained and supervised by PTA.
- ✓ Longest and best warranty program in the industry.

Our technologies set market standards and have proven their reliability in the field for over 20 years.

We are confident that Ecoflo® Biofilter will surpass your expectations.

DISCOVER THE ECOFLO EXPERIENCE!



PROFESSIONAL ZONE

Up-to-date technical documentation available free to download at all times.

Register today!

ptzone.premiertechaqua.com



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Printed in Canada