Puraflo® Coir

Coconut Fiber Biofilter

Treatment Performance

Parameters	Typical Values
BOD_5	≤10 to ≤30 mg/l
TSS	≤10 to ≤30 mg/l

1. Collection

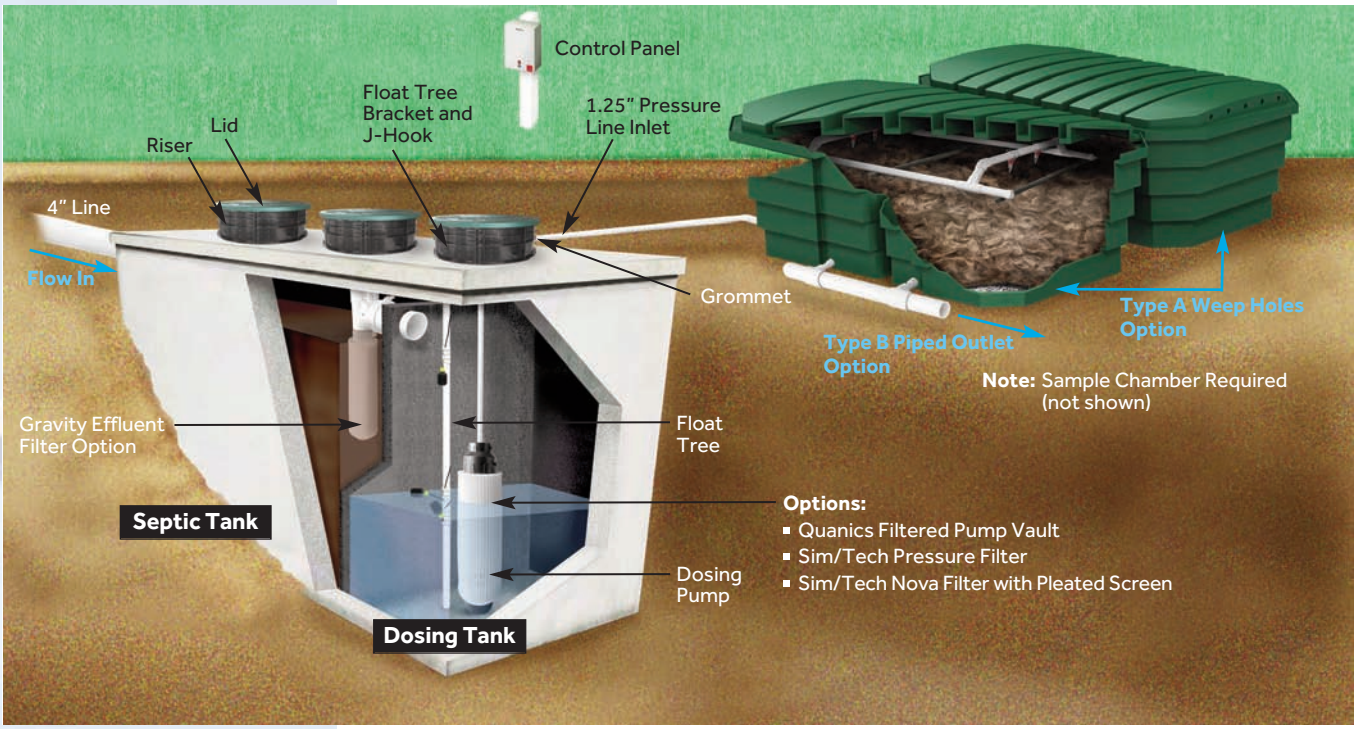
Sewage flows from the home or facility into a watertight primary tank or chamber. The solids settle and the liquid effluent flows by gravity through an effluent filter to the system.

2. Treatment

The Puraflo Coir Coconut Fiber Biofilter provides biochemical treatment through passive biofiltration principles. The coconut fiber (coir) is uniform and provides ample surface area for biological growth. The media contains many voids to accommodate optimum air flow and water flow. Pretreated effluent is sprayed over the coconut fiber media using specially designed helical spray nozzles that provides even distribution over the entire surface area within the mod.

3. Dispersal

The highly treated effluent exits the mod and flows into a gravity drainfield or into a pump chamber for dosing LPP, drip irrigation, or other pressurized drainfields.



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Puraflo Coir Module Specifications

Module Length:	7' 1"
Module Height:	2' 6"
Module Width:	4' 6"
Module Weight:	~900 lbs

Pre-assembled Mod

- Flexible configurations
- Multiple sizes available
- Lightweight mods
- Natural, upcycled media

Puraflo Coir Models P200C*XX

Design flow, per module (gpd)	200
BOD_5 loading, per module (lbs/d)	0.5
NSF Standard 40 certified	Yes
NSF Standard 350 certified with UV	Yes
Mode	Single Pass

Notes:

1. "A" denotes modules with weep holes around the base for discharge directly into a dispersal pad or trench. "B" denotes modules with a set of two, 1" threaded-ports at the base for connection to collection piping that can be routed to a drainfield or to a pump tank/chamber.
2. "XX" denotes number of modules and type. Type = "A" or "B". Example: "P200*3A" = 3 Type A modules
3. Module type is denoted by color-coded logo on lid (see "Module Color Coding" above).
4. *NSF 40 and NSF 350* models bearing the mark are for residential use only and for flows of 400 to 1,500 gallons per day

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Only mods bearing the NSF® mark are certified NSF/ANSI Standard 40, Class I and NSF/ANSI Standard 350

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