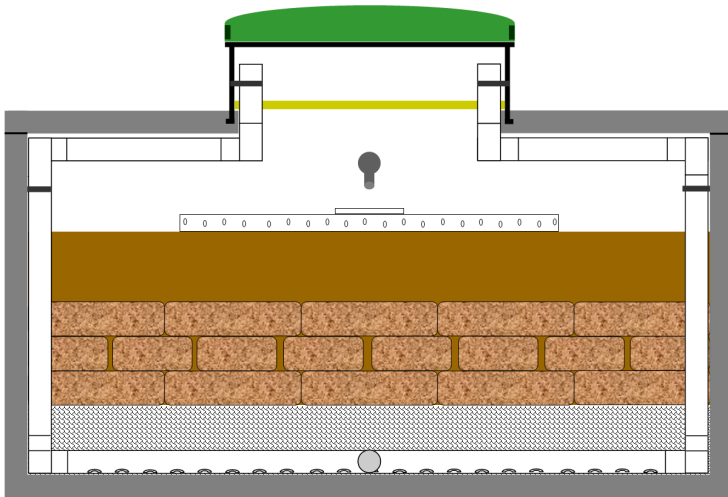


Eco-Pure Peat Moss Biofilter

Simply Natural, Naturally Simple

PBFC Series for Concrete Tanks (Models PBF2C, PBF3C, PBF4C, PBF6C)

Maintenance Guide July, 2010



To assure years of trouble free operation and proper waste-water treatment, Planet Care, Inc. requires one annual routine maintenance visit. This guide demonstrates how to perform routine maintenance of the Eco-Pure Peat Moss Biofilter.

Please follow any state and/or local rules pertaining to the maintenance of wastewater treatment systems. Only factory trained persons may perform the maintenance of the Eco-Pure Peat Moss Biofilter.

Note to Maintenance Entities (Service Providers)

Be sure to fill out Eco-Pure Maintenance Report and fax it to Planet Care, Inc. at the number below or mail it to P.O. Box 2183, Valrico, Florida 33595.

Also be sure to enter this information into the Carmody Data Systems Eco-Pure data system web site if you have obtained a password to the Carmody Data Systems web site.

Please refer to your state and/or local onsite wastewater treatment and disposal regulations for details pertaining to your systems design, installation and maintenance requirements.

Items Needed to Perform Maintenance

- Rubber gloves
- Protective eye wear
- Rake
- Level
- Water Source
- Garden hose
- Screw drivers
- Cordless drill
- Sced to level peat
 - (3' x 1" x 2" wood stake)
- Apparatus to obtain effluent sample



Assembly Procedures

The Eco-Pure Peat Moss Biofilter must be assembled per the Eco-Pure Assembly Guide, July 2010. Only Planet Care, Inc. trained personnel may assemble the Eco-Pure Peat Moss Biofilter for concrete tanks.

Design Procedures

The Eco-Pure Peat Moss Biofilter must be designed per the Eco-Pure Design, Installation and Maintenance Guide, July, 2010. All systems incorporating the Eco-Pure Peat Moss Biofilter must be designed by a state registered Professional Engineer or a state approved system designer.

Installation Procedures

The Eco-Pure Peat Moss Biofilter must be installed per the manufacturer's Installation Guide, July, 2010. Only factory trained personnel may install the Eco-Pure Peat Moss Biofilter Filter.

Maintenance Procedures

Routine inspection and maintenance must take place at least once per year. Maintenance must be performed per the Eco-Pure Maintenance Manual, July, 2010. Only factory trained personnel may perform maintenance.

Routine Maintenance Instructions

Note: Maintenance of the Eco-Pure Peat Moss Biofilter should be done from on top of the system, not standing on the peat inside the tank.

1. If using a dosing pump to dose the Eco-Pure Peat Filter tanks (s) disconnect power.
2. Remove the green cover seated on the riser. Loosen the stainless steel screws to remove the cover. This will expose the white insulation cover.
3. The insulation cover sits upon a concrete lip or support brackets inside of the riser. Remove the white insulation by carefully sliding it out of the riser.
4. Gently rinse the distribution plate that sits directly on top of the sphagnum peat moss bed.
5. After rinsing, gently remove the distribution plate.
6. Remove the 2" PVC inlet pipe assembly at the 2" PVC union.
7. Rinse the 2" inlet pipe with a garden hose to remove any solids or slime.
8. Gently remove the distribution plate. This exposed the sphagnum peat moss bed.
9. **Gently rake the peat moss bed** to break up any bio-mass (if present) and to eliminate any ponding. A child garden rake works best for this procedure. Be sure not to puncture or tear the peat moss pillows located beneath the 6" - 12" of loose peat moss.
10. **Completely re-level the peat bed.** This can be done by using a 3' x 1" x 2" wood stake or a 3' x 1/2" PVC pipe used as a screed. This is a critical step in the installation. **The sphagnum peat moss bed must be level.**
11. Replace the distribution plate in the center of the tank. **The distribution plate must be level.** This is a critical step in the installation. **Check level in both directions.**
12. Connect the 2" inlet pipe assembly to the inlet pipe using the 2" union. The 2" elbow will be elevated 3 - 4" directly above the center of the splash plate.
13. Replace the white insulation cover inside of the riser.
14. Replace the green Eco-Pure cover. Secure the cover using the stainless steel screws.
15. Divert any surface water run-off away from the Eco-Pure Peat Moss Biofilter.
16. **Complete the Eco-Pure Maintenance Report**
17. Enter this information into the Carmody Data Systems Eco-Pure data system web site if you have obtained a password to the Carmody Data Systems web site.
18. **Be certain that the owner receives the completed Eco-Pure Peat Moss Biofilter Maintenance Report.**
19. Fax or mail a signed copy of the Maintenance Report to **Planet Care, Inc., P.O. Box 2183, Valrico, Florida 33595.**

In order to provide the best product possible, specifications and requirements are subject to change.



Patent #: US 6,620321 B2

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