

# 300 Series Peat Moss Filter

## Maintenance Guide February 2007



### 300 Series Peat Moss Filter Component Materials

Part Number	Quantity	Description
NA	1	HDPE Module and Cover
EPA IC-109	1	Insulation Cover
EPA PP-99	41	Sphagnum Peat Moss Pillows
EPA PP-105	10	Sphagnum Peat Moss Bales
EPA DP-107	1	HDPE Distribution Plate
EPA FC-146	1	4" x 2" Inlet Pipe Assembly
NA	1	4" Discharge Pipe and Vent Pipe



### Applications

- Single Family Homes
- Multi-Family Homes
- Apartment Complexes
- Churches
- Office Buildings
- Restaurants
- Seasonal Use Homes
- Water-Front Homes
- Small Lots
- High Groundwater

To assure years of trouble free operation and proper wastewater treatment, Eco-Pure requires one annual routine maintenance visit.

This guide demonstrates a typical routine maintenance visit.

### Note to Maintenance Entities

Be sure to fill out enclosed Maintenance Report and fax it to Eco-Pure, Inc. at the number below.

Also be sure to enter this information into the Carmody Data Systems Eco-Pure data system web site.



### Items Needed For Installation

- Screw drivers / cordless drill
- Rake
- Level
- Garden Hose
- Screed to level peat (3' x 1" x 2" wood stake)
- Rubber Gloves
- Apparatus to obtain effluent sample

### Design Procedures

The 300 Series Peat Moss Filter must be designed per the Eco-Pure Design, Installation and Maintenance Guide, January 2009. All systems incorporating the 300 Series Peat Moss Filter must be designed by a state registered Professional Engineer or a state approved system designer.

### Installation Procedures

The 300 Series Peat Moss Filter must be installed per the manufacturer's Installation Guide, February 2007. Only factory certified personnel may install the 300 Series Peat Moss Filter.

*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.*

## 300 Series Peat Moss Filter

### Routine Maintenance Instructions

1. If using a dosing pump to dose the Eco-Pure Peat Filter module (s) disconnect power.
2. Remove the green cover on the module. Loosen the stainless steel screws to remove the cover. This will expose the white insulation cover.
3. The insulation cover sits upon support pipes. Remove the white insulation by carefully sliding it out of the peat module.
4. Remove the 4" x 2" PVC inlet pipe. Use screwdriver or cordless drill to loosen stainless steel snake clamp and slide off pipe. Remove the distribution plate.
5. Rake peat moss bed to break up any bio-mass (if present). A child garden rake works best for this procedure.
6. Re-level the entire peat bed. Use the 3' x 1" x 2" wood stake or 3' x 1/2" PVC pipe to completely level peat bed. This step is absolutely vital.
7. Rinse the inlet pipe. Use a garden hose to rinse the 4" inlet pipe.
8. Replace the distribution plate. It is strongly recommended to do a water test to verify that the distribution plate is level. Run hose over plate to determine that equal distribution of the water is taking place.
9. Replace the 4" x 2" PVC inlet pipe. Use screwdriver or cordless drill to tighten stainless steel snake clamp and slide off pipe.
10. Obtain effluent sample from pump tank or other sampling device.
11. Inspect effluent. Effluent should be odor free. It may have a tea color for the first year of service and a slight color thereafter. This is due to peat "washing" and is completely normal.
12. Routine maintenance completion. Examine area for any unusual settling. Make sure that all surface and runoff water is diverted away from system. Cover and screw down all covers. Be sure to fill out enclosed Maintenance Report.
13. Maintenance Completion. Examine area for any unusual settling. Verify that surface water is diverted away from the Eco-Pure module (s). Make sure power is reconnected. Cover all valve boxes.

