Puraflo®
Peat Fiber Biofilter

Installation
or
Inspection
Checklist

Only modules bearing the NSF® logo and designated P150N*XX are certified to NSF/ANSI Standard 40

Call: 336-547-9338 or visit: anuainternational.com

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Puraflo® Peat Fiber Biofilter        Installation or Inspection Checklist

Septic Tank
☐ Septic tank sized per code or certification criteria?
☐ Is septic tank installed per manufacturer's requirements?
☐ Does septic tank, riser(s) and access cover(s) meet applicable structural standards?
☐ 1/32” commercial effluent filter/screen installed on outlet
☐ Is effluent filter/screen able to be removed for cleaning?
☐ Is septic tank accessible?
☐ Are septic tank, risers and access covers watertight?

Pump Tank
☐ Pump tank sized per code or certification criteria?
☐ Is pump tank installed per manufacturer's requirements?
☐ Does pump tank, riser(s) and access cover(s) meet applicable structural standards?
☐ Is pump tank accessible?
☐ Are pump tank, risers and access covers watertight?
☐ All piping from septic tank to pump tank installed per code?

Pump
☐ Is pump sized correctly to deliver 5 to 15 gallons per module per dose?
☐ Is pump installed per manufacturer's requirements and code?
☐ Is pump accessible and removable?
☐ Is check valve (if required), union and ball valve installed?
☐ Is anti-siphon mechanism installed, if applicable?
☐ Is drain-back hole been installed to prevent freezing of piping, if applicable?
☐ Is pump installed, connected and tested?
  (type, gauge and length of wire, connected using water-proof connectors and the conduit sealed-off)

Force Main
☐ Is force main been installed with pressure rated fittings/pipe and per code?
☐ Are fittings and pipe “cleaned”, “primed” and “glued” properly?
☐ Is the force main sized according to manufacturer’s recommendations?
  (2” force main for 1 to 5 modules or 4” force main for 6 to 10 modules)
☐ Is force main watertight?
☐ Is the force main installed to allow for drain-back to prevent freezing of piping, if applicable?

Manifold
☐ Is flex pipe installed between force main and module?
☐ Manifold installed per manufacturer’s recommendations to allow for equal distribution and flow splitting?
  (going past the last module a minimum of 6’’ and capped or clean-out at finished grade)
☐ Is uniform distribution to each each module verified?
Puraflo Modules—Type A System In-ground Pad Dispersal

- Is the soil absorption area been prepared in accordance with the Puraflo installation manual?
- Is clean stone placed and leveled in the soil absorption area?
- Is an inspection pipe been placed in the soil absorption area?
- Modules set close to center of a pad and evenly spaced in-between and from ends?
- Each module leveled?
- Modules leveled with each other?
- Modules field modified to blue or green in accordance with manufacturer’s requirements and recoded to specified color?
- Modules in the correct order for sample chamber and manifold?
- Sample chamber installed per manufacturer’s recommendations?
- Lifting ropes anchored in the ground?
- Module lids secured and cleaned off?

Puraflo Modules—Type A System Mounded Pad Dispersal

- Is the dispersal area been protected from site disturbances and protected from compaction/smearing?
- Is the mounded pad site and basal area been prepared in accordance with the Puraflo installation manual?
- Is the mounded pad sited on contour?
- Is clean stone and sand been placed and leveled properly?
- Is the jar test performed to verify sand cleanliness?
- Are inspection pipes placed in the absorption area?
- Modules set and evenly spaced in-between and from ends?
- Each module leveled?
- Modules leveled with each other?
- Lifting ropes anchored in the ground?
- Module lids secured and cleaned off?
- Mounded pad area protected upslope from erosion?
- Mounded pad backfilled properly, with suitable soil and sloped at 3:1?

Puraflo Modules—Type B System with Piped Outlet

- Stone pad size large enough for modules to set on?
- Stone pad depth sufficient and leveled?
- Modules set close to center of stone pad area?
- Each module leveled?
- Modules leveled with each other?
- Lifting ropes anchored in the ground?
- Module lids secured and cleaned off?
- Drain pipe assembly to header line installed?
- Plugs opposite drain pipe assembly installed?
- Header line to distribution box installed?
Soil Grading Around Modules

☐ Is stone placed to a level 6" above the bottom of the filter?
☐ Is area covered with suitable topsoil (free from large stones or sharp objects) around the modules?
☐ Is suitable topsoil packed between modules?
☐ Is suitable topsoil been lightly compacted around lid of modules to prevent settling?
☐ Is the area been seeded and straw placed on top for stabilization?

Control Panel and Electrical

Check all that apply:

Type of timer: ☐ Analog ☐ Digital
Elapsed Time Meter: ☐ Yes ☐ No
Cycle Counter: ☐ Yes ☐ No
Panel heater: ☐ Yes ☐ No

☐ Is control panel installed per manufacturer’s requirements and code?
☐ Is a NEMA 4X junction box used for all float and pump connections?
☐ Are floats installed, connected and tested?
  (type, gauge and length of wire, connected using water-proof connectors and the conduit sealed-off)
☐ Is power connected per code?
  (type, gauge and length of wire and the conduit sealed-off)
☐ Is conduit used between control panel and pump chamber?
☐ Is the timer set based on the drawdown test?