

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



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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
- ☐ 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?

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