

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?