Puraflo®
Peat Fiber Biofilter

Installation
or Inspection Checklist

©2018 Anua  1-2018
336.547.9338  anuainternational.com

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