

**STATE OF WISCONSIN**  
◆  
**INSTALLATION CHECKLIST**  
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**PURAFLO® PEAT FIBER BIOFILTER**



# Puraflo

WASTEWATER TREATMENT

## SEPTIC TANK

- Septic tank sized per code?
- Is septic tank installed per manufacturer's requirements?
- Does septic tank, riser(s) & lid(s) meet applicable structural standards?
- 1/32" commercial effluent filter/screen installed on outlet of tank?
- Is effluent filter/screen able to be removed for cleaning?
- Is septic tank accessible?
- Are septic tank, risers & lids watertight?

## PUMP TANK

- Pump tank sized per code?
- Is pump tank installed per manufacturer's requirements?
- Does pump tank, riser(s) & lid(s) meet applicable structural standards?
- Is pump tank accessible?
- Are pump tank, risers & lids watertight?
- All piping from septic tank to pump tank installed per code?

## PUMP

- Is pump sized correctly to deliver 7 to 15 gpm per module per dose?
- Is pump installed per manufacturer's requirements & code?
- Is pump accessible & removable?
- Is check valve, union & ball valve installed?
- Is anti-siphon mechanism installed, if applicable?
- Has drain-back hole been installed to prevent freezing of piping, if applicable?
- Is pump installed, connected & tested?  
(type, gauge & length of wire, connected using water-proof connectors & the conduit sealed-off)

## FORCE MAIN

- Has force main been installed with pressure rated fittings/pipe & per code?
- Have fittings & pipe been "cleaned", "primed" & "glued"?
- Is the force main sized according to manufacturer's recommendations? (2" force main for 1 to 6 modules or 4" force main for 7 to 10 modules)
- Is force main watertight?
- Has force main been installed to allow for drain-back to prevent freezing of piping, if applicable?

## MANIFOLD

- Is flex pipe installed between force main & module?
- Manifold installed per manufacturer's recommendations to allow for equal distribution & flow splitting? (going past the last module a minimum of 6" & capped or clean-out at finished grade)

## PURAFLO® MODULES - TYPE A SYSTEM IN-GROUND PAD DISPERSAL

- Has the soil absorption area been prepared in accordance with the Puraflo® installation manual?
- Has clean rock been placed and leveled in the soil absorption area?
- Has 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 re-coded 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

- Has the dispersal area been protected from site disturbances and protected from compaction/smearing?
- Has the mounded pad site and basal area been prepared in accordance with the Puraflo® installation manual?
- Is the mounded pad sited on contour?
- Has clean rock and sand been placed and leveled properly?
- Has the jar test been performed to ensure sand cleanliness?
- Have the distribution laterals been placed properly with orifices facing 9 o'clock and leveled within 1/4 inch +/- from drain hole to lateral end?
- Have clean-outs been brought to finished grade from each lateral distal end?
- Have the inspection pipes been 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 & cleaned off?
- Mounded pad area protected upslope from erosion?
- Mounded pad backfilled properly, with suitable soil and sloped at 3:1?

## PURAFLO® MODULES FOR TYPE B SYSTEM WITH PIPED OUTLET

- Stone pad size large enough for modules to set on?
- Stone pad depth 3" to 4" of leveled rock?
- 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 & cleaned off?
- Drain pipe assembly to header line installed?
- Plugs opposite drain pipe assembly installed?
- Header line to distribution box installed?

## SOIL MOUNDING AROUND MODULES

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

## CONTROL PANEL & ELECTRICAL

- Type of timer: *Analog*    *Digital*    ETM: Yes    No    CT: Yes    No
- Panel heater: Yes    No
- Has control panel been installed per manufacturer's requirements & code?
- Is a NEMA 4X junction box used for all float & pump connections?
- Are floats installed, connected & tested?  
(type, gauge & length of wire, connected using water-proof connectors & the conduit sealed-off)
- Is power connected per code?  
(type, gauge & length of wire & the conduit sealed-off)
- Has conduit been used between control panel & pump chamber?
- Is the timer set based on the drawdown test?