



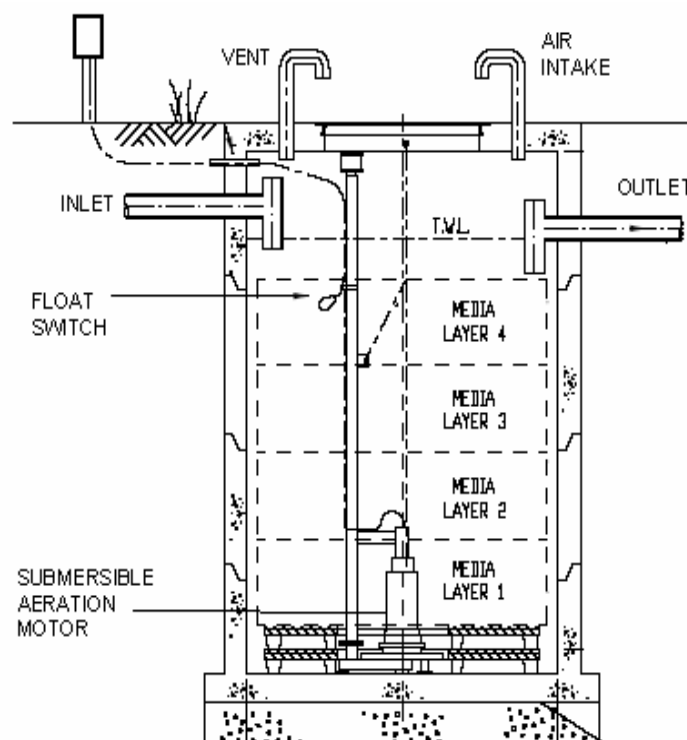
AQUAPOINT PrepAer Submerged Aerated Reactors

Aquapoint PrepAer is a submerged fixed-film aerated reactor designed to treat high strength commercial wastewater prior to secondary treatment. PrepAer protects the bacteria in our Bioclere™ and Lotus™-ActiveCell™ biological treatment systems by stripping certain volatile organic compounds (VOCs) that may be present in cleaning chemicals or detergents. If present in high concentrations, these VOCs can degrade bacterial activity and reduce efficiency throughout the remaining treatment processes.

PrepAer utilizes a submerged self aspirating aerator that distributes diffused air into the waste stream in a 360 degree pattern. Bacteria in the tank adhere to submerged PVC media blocks and absorb organic material as it is circulated throughout the treatment chamber. The well mixed and aerated wastewater flows by gravity to secondary treatment.

FEATURES AND BENEFITS

- Completely mixed and highly oxygenated discharge
- BOD reduction for high strength waste
- Degradation of fats, oils and grease (FOG)
- Non-chemical pH control
- Protects biological secondary and tertiary treatment from harmful VOCs
- Co-polymer aeration motors with thermal overload protection
- Modular units for adjusting flow capacity
- Minimal O&M requirements
- Top of tanks set at grade
- Fiberglass or concrete vessels



www.aquapoint.com