

DELTA TREATMENT SYSTEMS

Aerobic Treatment Unit

Advanced treatment for today's on-site wastewater treatment systems

Enviro-Aire™ Aerobic Treatment Units are designed to enhance the effectiveness of an on-site wastewater treatment system.

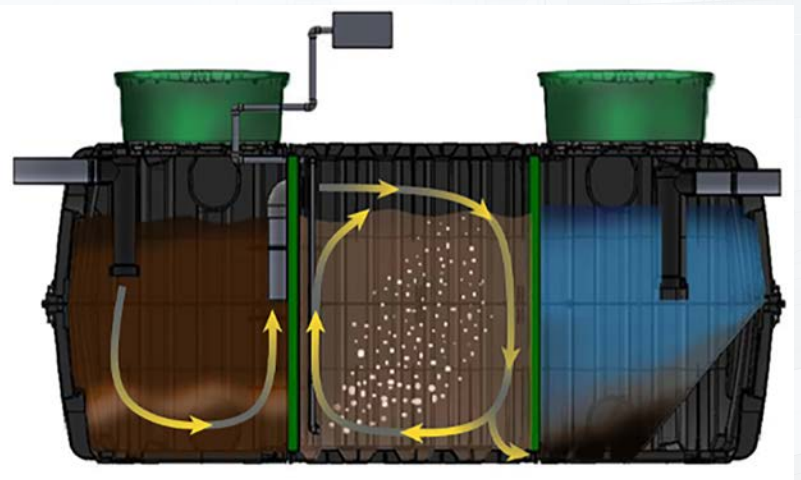
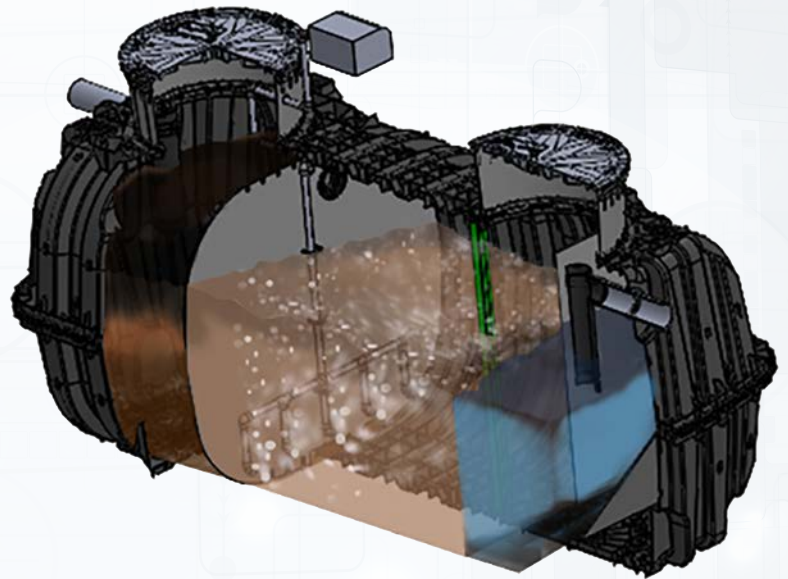
Treatment

- Certified to NSF/ANSI 40
- Patented air diffuser design reduces back pressure on the air compressor and maintains constant air flow, with a non-clogging design
- Engineered for low energy consumption
- Designed for easy operation and maintenance

Traditional septic tanks rely solely on anaerobic microorganisms to treat wastewater – a slow and inefficient process.

Adding the Enviro-Aire Aerobic Treatment Unit to an onsite system provides a three-step process to treat incoming wastewater. This process results in highly treated effluent suitable for a variety of disposal methods and challenging site conditions.

- A. Raw wastewater enters unit from residence/facility. Primary chamber separates the sludge (gross solids) and scum (floating solids) from the raw wastewater.
- B. Effluent then enters the aeration chamber where aerobic bacteria digest the organic waste.
- C. From the aeration chamber, the liquid enters the clarifier chamber where additional water-solids separation occurs. Treated water exits the system through a discharge tee. Settled solids return to the aeration chamber for additional aerobic digestion.



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NSF's certification Program is accredited by the American National Standards Institute



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