

INFILTRATOR WATER TECHNOLOGIES

Aerobic Treatment Unit



Advanced Treatment for Today's Onsite Wastewater Treatment Systems

Infiltrator ENVIRO-AIRE Advanced Wastewater Treatment Units utilize long-standing wastewater treatment technology and scale it to residential daily flowrates. The design has been certified to NSF/ANSI 40 with average effluent quality of 12 mg/L BOD and 16 mg/L TSS.

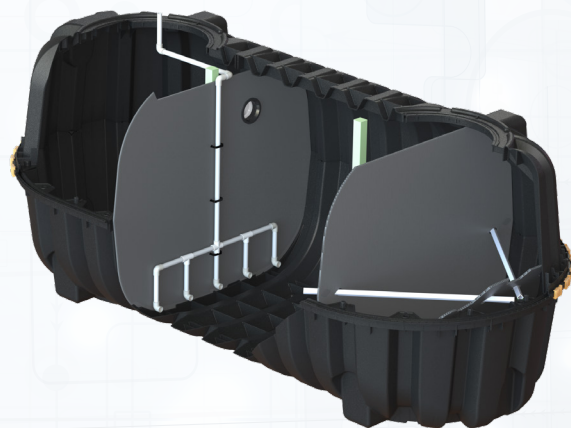
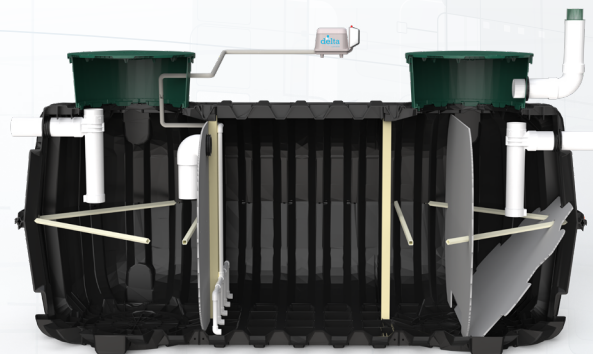
Treatment

- Scales large treatment plant processes to meet the needs of the residential market
- Industry proven solution with NSF/ANSI 40 certification
- Flexible and easy installations in a single Infiltrator tank
- With no mechanical parts internal to the unit, the ENVIRO-AIRE is easy to maintain
- Low life cycle costs resulting from efficient design with minimal maintenance requirements

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.

- Wastewater enters the first chamber where solids settle out.
- An extended aeration and oxidation process purifies the sewage by the destruction of organic compounds using naturally occurring bacteria. Continuous mixing with air encourages the biological organisms to consume and break down the organic materials.
- A final clarifying zone results in a clear and odor-free effluent.



INFILTRATOR
water technologies

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



Certified to
NSF/ANSI 40

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