

AeroCell®

Open Cell Foam Biofilter



AeroCell is a modular system for residential and commercial applications. AeroCell is prepackaged in a pod housing featuring synthetic media. AeroCell protects sensitive watersheds through removal of nitrogen and other constituents.



AeroCell

Applications

Residential

Commercial or community

Intermittent or seasonal use

Space constrained sites

All climate conditions

Nitrogen sensitive areas

AeroCell utilizes synthetic media housed in an engineered pod. The open cell foam cubes have high surface area and porosity, which balance water movement and oxygen availability. The media will not degrade over time and has a three-decade track record of performance. Pretreated effluent is sprayed over the foam cubes using specially designed helical spray nozzles that provide uniform distribution over the entire surface area within the pod. Treated effluent is recirculated through the media multiple times, which optimizes treatment. The open cell foam media properties allow for loading rates of up to ten times that of other systems, which ensures a small footprint.



Why Choose AeroCell?

- Produces high quality effluent
- Certified to NSF/ANSI Standards 40 and 3rd party nitrogen reduction >50%
- Proven results for over three-decades
- Spray nozzles maximize effluent distribution over open cell foam media surface
- Simple to use and suitable for wide range of applications
- Prepackaged, lightweight pod for easy installation
- 80%/20% split pods simplify design and installation
- No gravity recirculation valve needed
- Synthetic media:
 - Allows free air flow and water movement
 - Provides large, open surface area
 - Engineered to maximize treatment
 - Lightweight and easy to ship

 Only pods bearing the NSF® mark are certified to NSF/ANSI Standard 40, Class I

