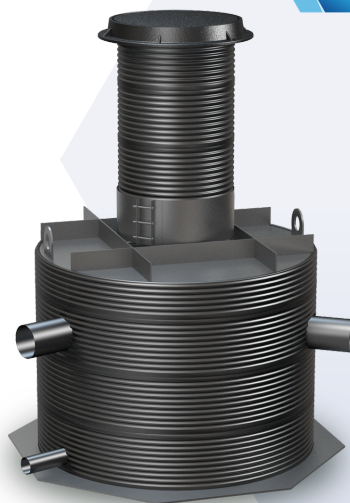


Aqua-Ponic™

Enclosed



Harness the power of nature with sustainable, biological stormwater treatment. Meet regulatory requirements with a leading enclosed solution.



ENCLOSED STORMWATER TREATMENT

Modular enclosed Aqua-Ponic™ units treat stormwater runoff through the natural process of filtration and microbial action. Designed for subsurface installations, the system reduces total suspended solids (TSS), nutrients, metals, and hydrocarbons without planting material.

Ideal for providing final stage treatment, the enclosed Aqua-Ponic units utilize pipe influent connections to feed the system. Once water enters the units, Aqua-Ponic's media provides a functional solution that supports stormwater quality goals.

Aqua-Ponic delivers powerful benefits:

- **Natural Filtration:** Engineered media remove stormwater pollutants via sorption, filtration, and biologic processes
- **Integrated Design:** Easily adapted into proposed drainage systems utilizing inlet, outlet and bypass connections.
- **Flexible Sizing:** Available in multiple standard sizes, units fit site constraints while meeting regulatory flow requirements.
- **Factory-Built:** Preassembled with engineered media, and pea gravel for quick deployment.
- **Sustainable:** Natural processes; no chemicals or mechanical parts.
- **Regulatory Acceptance:** Meets many state and municipal biofiltration requirements and verified for performance by WADOE (GULD), and other agencies.

KEY FEATURES

- ✓ **Industry leading treatment rates**
- ✓ **2X smaller size than competitors**
- ✓ **60-70% lighter than concrete vaults**
- ✓ **Nutrient & TSS removal**
- ✓ **Prepackaged and fast install**
- ✓ **Made in USA**

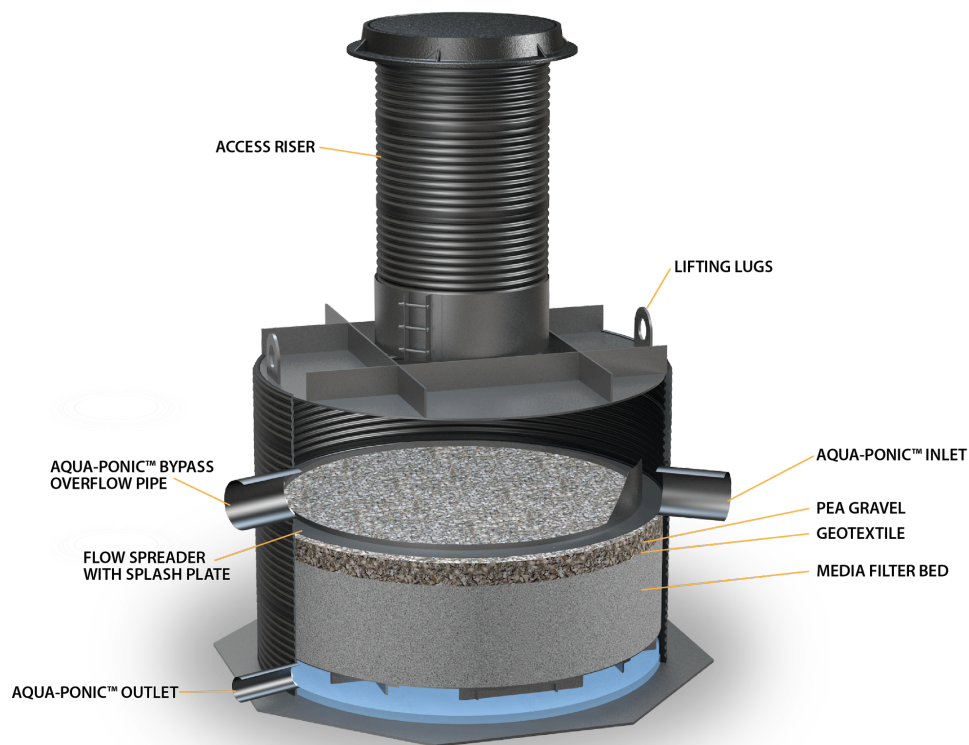
PRODUCT SPECIFICATIONS

Enclosed Aqua-Ponic systems are available in round configurations ranging from 2 to 13 feet in diameter. Each unit can treat between 0.02 and 1.04 cubic feet per second (cfs), depending on its treatment surface area.

Each preassembled system includes:

- Engineered filter media, pre-loaded for optimal treatment
- Flow spreader with splash plate ensures influent sheet flow
- Integrated bypass ensures optimal treatment while discharging larger storm events
- A pea gravel layer for consistent flow and drainage integrated outlet structure for controlled discharge

DESIGNED FOR PERFORMANCE



Komline-AquaShield is part of the Komline family of end-to-end separation technologies used by municipal water, agricultural, and manufacturing industries.



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