

Aqua-Swirl®

Trash Capture

Deliver high-flow trash capture with a certified, full-capture system engineered to meet your long-term stormwater performance requirements.



EASY-TO-MAINTAIN STORMWATER TREATMENT SYSTEM

Aqua-Swirl® Trash Capture effectively removes stormwater pollutants, helping to protect and restore the quality of natural waterways before discharge into sensitive environments. Using advanced hydrodynamic separation, it captures coarse sediment, trash, and free-floating oil. This permanent, post-construction solution operates under gravity flow within a single swirl chamber, while providing high-flow bypass that prevents resuspension of retained sediment.

Aqua-Swirl Trash Capture is available in 12 sizes, independently third-party verified to meet local stormwater performance standards, efficiently treating water quality flow rates while allowing bypass during peak storm events:

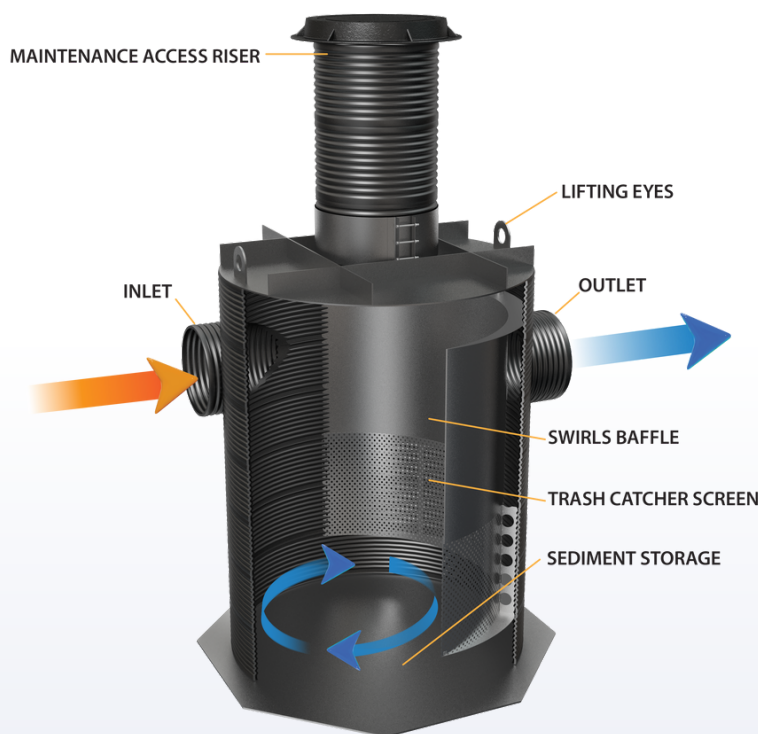
- Combines Concentrator's swirl separation technology with a deep 4.7 mm perforated screen to trap large debris and trash, in compliance with both the California Stormwater Trash Implementation Program and Vector Control Association.
- Designed to treat water quality flow rates and bypass peak storm events
- Internal and external bypass configurations available to be tailored to site-specific needs
- Screened trash capture storage capacities up to 122 cubic feet
- Sediment storage capacities up to 310 cubic feet

KEY FEATURES

- ✓ **Lighter than concrete units**
- ✓ **50% install time reduction**
- ✓ **Easy-access maintenance**
- ✓ **Plug n' Play prefabricated units**
- ✓ **3rd party tested and validated**
- ✓ **Hydrostatically tested for leaks**
- ✓ **Custom & Retrofit applications**
- ✓ **Fast lead time**
- ✓ **Made in USA**

PRODUCT MODELS

Each Aqua-Swirl model is available in one-foot increments ranging from 2.5 to 13 feet in diameter and comes complete with attached inlet/outlet stub-outs, manhole frame and covers, and risers to finish grade, with unit weights ranging from 1,000 to 14,000 lbs depending on model size.



SUPPORT

Inspection & Maintenance

Aqua-Swirl is backed by a nationwide network of service providers to ensure optimal system performance. Inspection and Maintenance (I&M) manuals available upon request with detailed inspection steps, equipment needs, and sediment disposal guidance.

YOUR ESSENTIAL STORMWATER TREATMENT SOLUTION

- **Quick to install:** Plug-and-play prefabricated units with fastest lead times from order to installation
- **Lightweight:** Made from polymer-coated steel with multiple units per trailer for easier, crane-free transport and lifting
- **Easy to install:** Featuring lifting supports and inlet/outlet stub-outs that allow installation to be completed in hours rather than days
- **Durable:** Built from high-performance materials, with a 100-year polymer coating life expectancy, each unit withstands HS-25 traffic loads (often higher), ensuring long-lasting service
- **Ease of Maintenance:** Easy, free and clear access from grade to the bottom of the sump with no obstructions. Confined space entry is not needed.
- **Plumbing:** Compatible with RCP, CMP, PVC, and HDPE pipes with varying diameters
- **Small footprint:** Compact custom designs reduce excavation and land use costs
- **Certified and Verified:** Lab-tested and third-party verified with certifications from California SWRCB (Trash Capture) and WADOE (GULD)
- **Simple to clean:** Surface-level access allows easy sediment removal without confined space entry or special tools.

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



AquaShield@komline.com
www.komline.com
Tel. 888.344.9044

