STORMWATER QUALITY UNIT

As part of Prinsco’s water management product portfolio, the Prinsco Stormwater Quality Unit (SWQU) is designed to treat stormwater to remove debris collected in runoff including trash, sediment, oils, and other suspended solids. The Prinsco SWQU offers an extremely cost-effective alternative to heavier reinforced concrete units and can be installed quicker with smaller equipment, allowing further cost savings. Prinsco offers standard units to meet common project criteria, however, we can assist you in the sizing of a custom SWQU to most cost effectively meet your performance requirements.

Performance

Prinsco’s Stormwater Quality Units meet the following:

- **ASTM F 2306**: Standard Specification for 12” - 60” (300 - 1500 mm) Annular Corrugated Profile-Wall Polyethylene (PE) Pipe and Fittings for Gravity-Flow Storm Sewer and Subsurface Drainage Applications
- **AASHTO M 252**: Standard Specification for Corrugated Polyethylene Drainage Pipe
- **AASHTO M 294**: Standard Specification for Corrugated Polyethylene Pipe, 300 - 1500 mm Diameter
- **ASTM F 477**: Standard Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe
- **ASTM D 3212**: Standard Specification for Joints for Drain and Sewer Plastic Pipes using Flexible Elastomeric Seals

Applications

- Parking Lots
- Gas Stations
- Industrial Sites
- Parking Garages
- Detention Systems
- Water Re-use Facilities (non-potable)

* Contact your Prinsco representative regarding application suitability questions.

Green Fact: Litter can reach waterways through the stormwater system. A stormwater quality unit can prevent the majority of floating and suspended debris from reaching waterways.
## Available Sizes

<table>
<thead>
<tr>
<th>Product Name</th>
<th>SWQU Diameter</th>
<th>SWQU Length (A), ft</th>
<th>Sediment Chamber Storage Volume ft³</th>
<th>Floatable Chamber Storage Volume ft³</th>
<th>Total Storage Volume ft³</th>
<th>Stub Diameter (B)(C), in.</th>
<th>Sediment Chamber Length (D), in.</th>
<th>Floatable Chamber Length (E), in.</th>
<th>Max Treated Flow Rate @ 140 Sieve Size (CFS)</th>
<th>Max Treated Flow Rate @ 200 Sieve Size (CFS)</th>
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<td>36&quot;</td>
<td>20'</td>
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**MOBILE RESOURCES**

More about
- Stormwater Quality Unit
- Installation Videos
- Installation Documents
- Specifications
- Technical Notes

Prinsco.com/swqu-resources

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**ENGINEERED WITH INTEGRITY**

Prinsco products are fully supported by our engineering team and are designed, manufactured and tested to meet/exceed the high performance needs of the construction market. Prinsco’s engineering, quality control and production teams are committed to a continuous process of innovation, product development and quality improvement. We are focused on current and future market needs centered around environmental sustainability, water quality, stormwater management and performance advancement.