

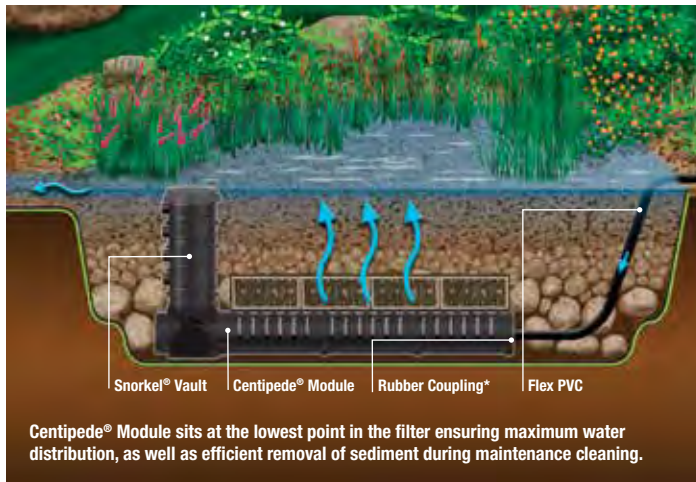
Snorkel® and Centipede® Wetland Filter

U.S. Patent 6,740,232 and 7,114,668

A Field-Tested, Field-Proven System for Filtering Large Bodies of Water

Our patented Snorkel® Vault and Centipede® Module were specifically designed to tackle any number of the common issues that plague large scale water features. They are modular in design, allowing builders and designers the flexibility to expand the system to meet their needs.

- Highly effective at removing sediment (suspended solids) from the pond
- Easily access collected sediment with the Snorkel® Vault, reducing the need for costly and invasive dredging
- Improves water clarity
- Works on earth bottom and liner membrane ponds
- Strips excess nutrients from the water column, reducing algae and the physical and chemical maintenance that goes along with removing algae
- Easily retrofitted onto existing ponds
- Create a waterfall and stream by designing the wetland filter system off the perimeter of the pond

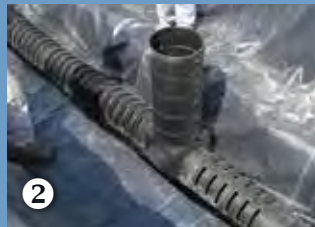


Constructed Wetland Filter System Requirements

Pond Size (in sq. ft.)	Actual Filter Size	Number of Centipede® Modules	Liner, Basic Configurations Minimum Sizes	Pump Flow GPH
600	8' x 10'	1	15' x 20'	3,000
2,400	8' x 15'	2	15' x 25'	4,500
7,200	8' x 20'	3	15' x 30'	7,500
10,000	8' x 25'	4	15' x 35'	10,000
20,000	8' x 50'	8	15' x 70'	20,000
40,000	25' x 50'	12	35' x 70'	30,000
80,000	50' x 50'	16	70' x 70'	40,000



Step 1: The layout of the Snorkel® Vault and Centipede® Modules for the first shoreline wetland filter



Step 2: The excavated wetland is lined with EPDM rubber liner and the Snorkel® Vault and Centipede® Modules are set in place



Step 3: The Centipede® Modules are covered with several layers of stones. The larger voids found between these stones allow the incoming water to flow throughout the wetland and provides ample room for the deposition of sediments



Step 4: A section of the finished wetland

Large Snorkel® Vault and Cap

#29064 MSRP \$459.99
(Packaged Weight: 27 lbs)

- Allows pump to be dropped in for easy cleaning
- 4 ports for Large Centipede® Module attachment



Snorkel® Vault Extension

#29068 MSRP \$169.99
(Packaged Weight: 10 lbs)

- For use when creating deeper basins. Also required when using the AquascapePRO 10,000 or 12PN pump
- For use with Large Snorkel® Vault



Large Centipede® Module

#29065 MSRP \$329.99
(Packaged Weight: 29 lbs)

- Modular design
- For use with Large Snorkel® Vault