

Wheely Complete

Advanced Bio Processing Technology by Sustainable Aquatics

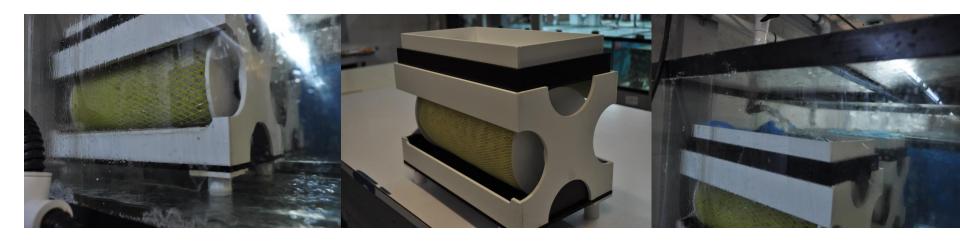


Benefits of Wheely Complete:

- Hosts very large cultures of aerobic bacteria, eliminates ammonia and nitrites
- Scrubs CO2 from Water with very high rates water air mixing
- Oxygenates Water
- Superior to Bio balls in Nitrogen Cycle Process
- Effective in Koi, fresh and salt water systems



Advanced Bio Processing Technology by Sustainable Aquatics

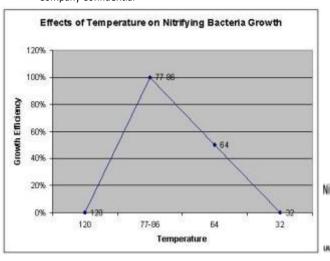


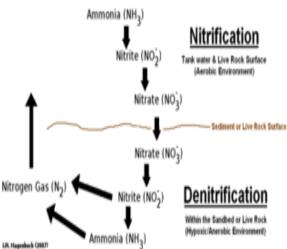
Wheely Complete Pro C Installation Options:

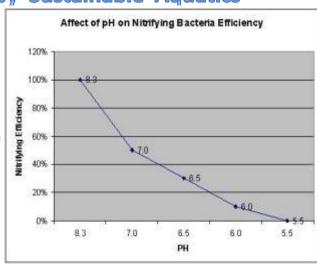
- In Sump (Six units in Sump on previous slide)
- Over Sump
- In 15 gallon tank over system (Shown here)
- With flat filter pad on top tray (Shown here)



Advanced Bio Processing Technology by Sustainable Aquatics







Optimal Conditions:

- Temperature 78 F, pH 8.3
- Cycle Starts with Nitrosomanas, processes NH3
- When NH3 is reduces Nitrobacter amplifies and processes NO2 into NO3 (nitrites to nitrates)



Advanced Bio Processing Technology by Sustainable Aquatics

Wheely Complete Pro C Operating Processes:

- Processes ammonia (NH3) into nitrites (NO2): Wheely Complete Pro nurtures very large healthy populations of aerobic autotrophic nitrosomanas bacteria, which very efficiently process NH3 into NO2. This is the 1st step in cycling and leads to the 2nd step: as ammonia levels fall nitrobacter bacteria begin thriving;
- Processes nitrites into nitrates (NO3): Once the ammonia levels have settled down, the 2nd step in cycling happens: aerobic autotrophic nitrobacter bacteria are able to grow, processing nitrites into nitrates. Nitrates, unlike ammonia and nitrites, are not so toxic to fish. A NO2 spike often happens as this begins.
- Scrubs carbon dioxide (CO2) from the water: Wheely Complete Pro efficiently removes
 CO2 from the water, which aids the fish and helps control pH;
- Oxygenating: Large quantities of oxygen are required for healthy fish and for strong healthful bacteria cultures; Wheely Complete Pro C pulls O2 from the air, so bacteria do not compete with the fish for oxygen and high O2 levels are maintained



Advanced Bio Processing Technology by Sustainable Aquatics

Wheely Complete Pro C Advantages:

- Extremely Compact and space efficient
- Enables variable bio loads in retail stores, stocking, sales and restocking with undetectable changes in ammonia and nitrites
- Especially effective on fresh water tanks where Protein
 Skimmers cannot be used to remove waste before entering the nitrogen cycle
- Low maintenance;
- Very effective for fish systems in maintenance accounts;
- Economical.



Advanced Bio Processing Technology by Sustainable Aquatics

Wheely Complete Pro C Dimensions and Installation:

Length:

Width:

Height:

15 inches, or 38 cm

8.5 inches, or 21.6 cm

11.75 inches, or 29.85 cm

- Maximum water depth in which it can stand without legs: (So water will flow out and not flood the wheel) 3.6 inches, or or 9.1 cm
- If water is deeper than 3.6 inches (9.1 cm) add PVC legs, included, thus lengthening leg equal to water depth minus 3.6 inches (9.1 cm)