

ADA NATURE AQUARIUM

A small aquascape showcasing beautiful clusters of plants



Nature Aquarium is a style of aquarium hobby that recreates the beauty of nature and the ecosystem inside aquariums. In the tank, the aquatic plants use the process of photosynthesis to thrive and provide oxygen to fish, shrimp, and microorganisms. Along with Nature Aquarium, ADA has evolved its tanks and related equipment. The unwanted features such as tank frames were taken away in order to showcase aquascapes more attractively, and simple designs have been employed for all the product lines. Nature Aquarium has reached one complete form, but ADA will continue to evolve it further for the future.

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DATA

Shooting date: January 16th, 2019(ADA)
Creator: Yusuke Homma
Aquarium: Cube Garden W60 x D30 x H36 (cm)
Lighting: Solar RGB x 1, turned on for 8.5 hours per day
Filter: Super Jet Filter ES-600
Material: Horn Wood, Manten Stone
Substrate: Aqua Soil Amazonia Ver.2, Power Sand Basic, Bacter100, Clear Super, Tourmaline BC

CO₂: Pollen Glass, 3 bubbles per second via CO₂ Glass Counter
Aeration: 15.5 hours after the light is turned off using Lily Pipe P-2
Additives: Brighty K, Green Brighty Mineral, Green Brighty Nitrogen, ECA Plus
Water change: 1/3 once a week
Water quality: Temperature: 25°C; pH: 6.6; TH: 50 mg/L

Aquatic Plants:

BIO *Glossostigma elatinoides* 3cups
 BIO *Eleocharis acicularis* 1cup
 BIO *Staurogyne repens* 1cup
 BIO *Ludwigia arcuata* 1cup
 BIO *Limnophila* sp. 'Vietnam' 1cup
 BIO *Rotala* sp. 'Wayanad' 1cup
 BIO *Rotala* sp. *Hra* 1cup

BIO *Rotala* sp. *Ceylon* 1cup
 BIO *Rotala rotundifolia* 'Fujian' 1cup
 BIO *Rotala nanjean* 1cup
 BIO *Anubias barteri* var. *nana* 'Petite' 2cups
Microsorium sp. 'Trident' 3pcs
Echinodorus angustifolia 5pcs
Taxiphyllum barbieri

Fish:

Paracheirodon innesi
Hyphessobrycon sweglesi
Mikrogeophagus ramirezi
Hyphessobrycon elachys
Hemigrammus erythrozonus
Crossocheilus oblongus
Otocinclus sp.
Cardina multidentata



1. LIGHTING SYSTEM



SOLAR RGB

It is a high-end model of lighting fixture realizing optimum light for Nature Aquarium by independently controlling the three primary colors of light; red (R), green (G), and blue (B). It vividly illuminates aquascapes.



AQUASKY RGB 60 SILVER

Each wavelength output of the three primary colors of light, red(R), green(G) and blue(B), is optimized for planted aquariums. It will grow healthy aquatic plants and help create colorful and beautiful aquascapes. Compatible with W60cm tanks with 6mm glass thickness.

4. AQUARIUM TANK



CUBE GARDEN W60xD30xH36cm

It is a frameless aquarium, featuring high quality clear glass and nice, clean silicone finish. The ADA logo at the front corner becomes a part of the aquascape.



NA THERMOMETER J-06WH

This thermometer has a minimized design. Takashi Amano originally designed it for use in frameless Cube Garden tanks.



Garden Mat W60xD30cm

An aquarium mat designed to absorb distortion and vibration. Place it under a tank.



Silver



Black

METAL CABINET 60

This cabinet is constructed with thin steel panels, but it has sufficient strength to hold a W60 tank with the unique structure where the front and back panels are folded inwards diagonally.

ADA Full System Plan W60cm SYSTEM

ADA NATURE AQUARIUM

2. CO₂ SYSTEM



CO₂ Advanced System-FOREST

ADA CO₂ Advanced System-Forest is a standard CO₂ supply kit necessary for a W60cm aquarium tank. Several safety measures are applied to ensure safe operation for those who use small CO₂ cartridges for the first time. Furthermore, it has a stylish design and keeps aquarium clutter-free.



Light Screen 60

By illuminating the aquarium tank from behind, the Light Screen can easily create a white background or a blue gradation background with the accessory Gradation Sheet. A simple way to make a beautiful aquascape.



CLEAR STAND for CO₂ system 74

It is a simple design acrylic stand to hang a CO₂ regulator on the side of an aquarium tank. It corresponds to the tanks with a glass thickness of 6mm or less.

3. FILTRATION SYSTEM



SUPER JET FILTER ES-600 (for H36cm)

A high quality filtration system is the most important aspect in keeping tropical fish and growing aquatic plants because it plays a prominent role to maintain water quality in the tank. Super Jet Filter ES-600 is most suitable for a W60cm tank from all the Super Jet Filter models, known for their long-term stable operation and robustness. Glass-made Lily Pipes (Inflow/Outflow) included.



5. SUBSTRATE SYSTEM



BACTER 100

Bacter 100 is a substrate additive, containing more than 100 kinds of microorganisms in dried dormancy. It forms microbial phases corresponding to the substrate environment, which varies with each aquarium, and easily realizes "living substrate".



TOURMALINE BC

This is a substrate additive blended with bamboo charcoal powder and tourmaline powder, which effectively improve soil conditions. It enhances the root growth in aquatic plants, and creates a well-balanced substrate environment by suppressing curing of the substrate in the long term.



CLEAR SUPER

Clear Super is a substrate additive which combines the highly absorbent activated carbon powder with organic acids that feed microorganisms at the early stage. When used with Bacter 100, it promotes the growth of microorganisms and creates substrate conditions suitable for growing aquatic plants.



BOTTOM PLUS

Solid nutrient sticks for the long-term maintenance of aquascapes. It improves leaf colors and restores plant growth.



POWER SAND BASIC S

It combines natural porous materials with organic nutrients, which help increase soil microorganisms, and delayed-release inorganic nutrients absorbed by the roots. In addition, it is also blended with Bacter 100 and Clear Super.



AQUA SOIL-AMAZONIA VER.2

It comes with a pack of Amazonia Supplement to enrich soil nutrients. Add an appropriate amount of Amazonia Supplement to the tank and spread Amazonia Ver.2 soil over it. Aquatic plants will grow better and create a beautiful Nature Aquarium.

Amazonia Supplement