



ADA
NATURE
AQUARIUM

To know Nature Aquarium is to know that smallest creatures,
the invisible that natural are systems in our aquarium, which leads to
a better understanding of the global environment.

AQUA SOIL
アクアソイル

MAZONIA

NATURE
AQUARIUM

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POWER SAND-M
パワーサンドM

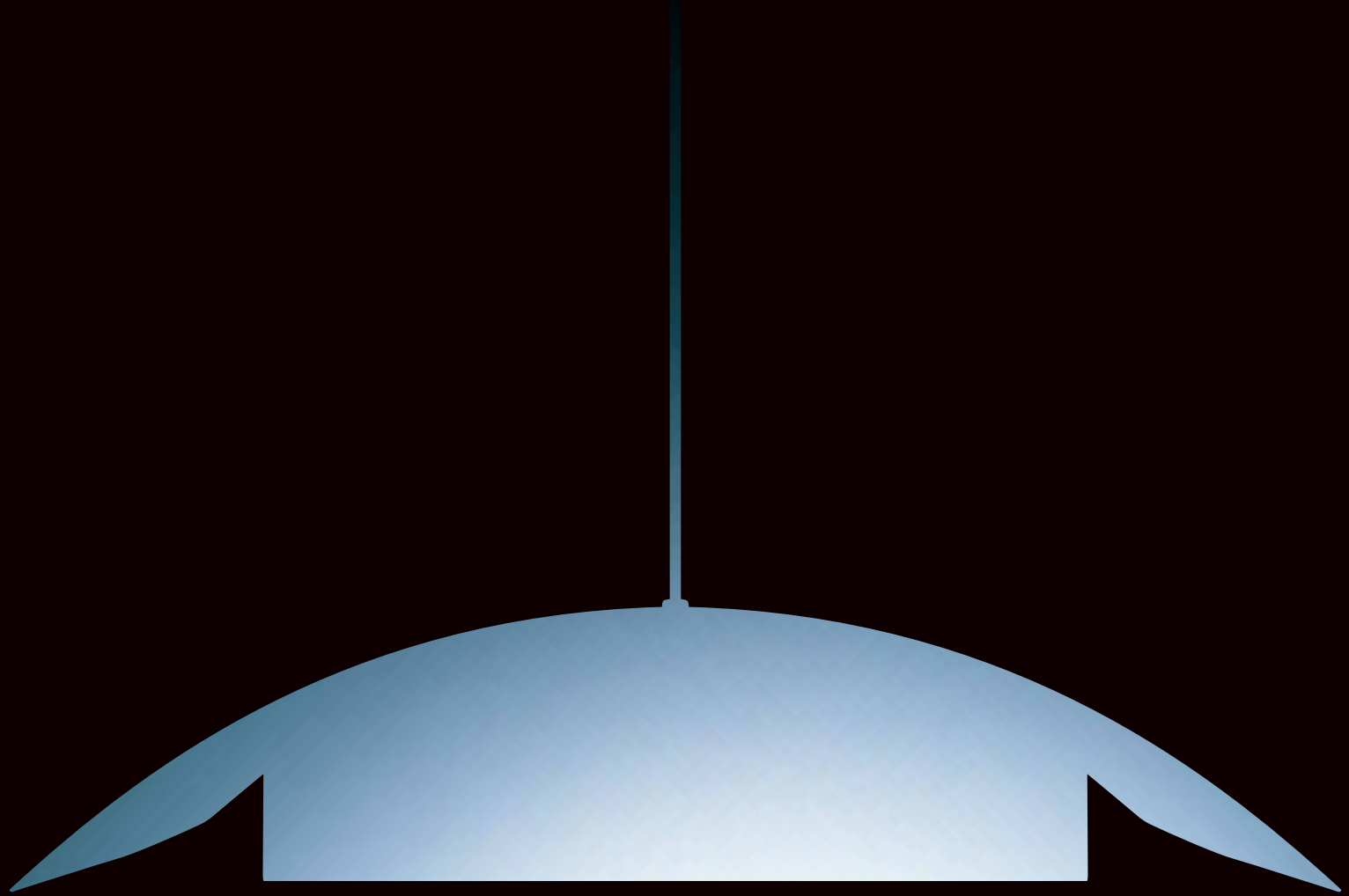
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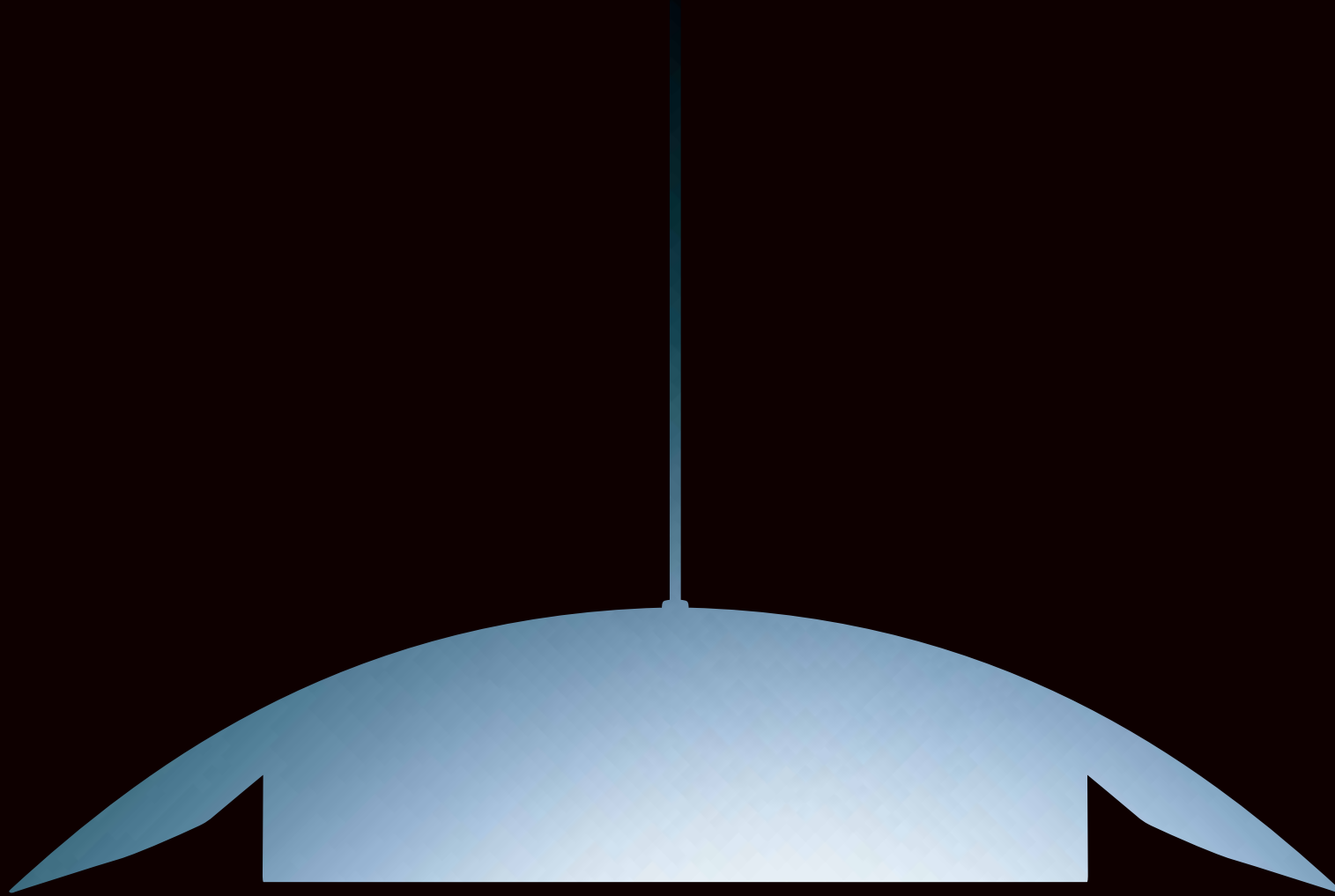


ADA NATURE AQUARIUM

Everything Started from
Producing Nature Aquariums.

It is Takashi Amano who established Nature Aquarium based on his own view of nature and aquarium philosophy. ADA Nature Aquarium Goods were born from Amano's necessity of producing Nature Aquarium layouts. Moreover, he has been proving and improving their performance and usability by himself, creating numerous Nature Aquariums. As a result, Nature Aquarium Goods have gained the quality and originality, which are special and unique only to ADA. This is why you feel "ADA" in each and every piece of Nature Aquarium Goods.





healthy growth of aquatic plants, AQUASKY offers the best-in-class luminance by using many 0.4W SMD LED lamps arranged in a staggered pattern for better light distribution. Furthermore, AQUASKY is equipped with a dedicated stand which allows the lighting system to be installed at the optimal position, helping aquatic plants grow healthily under adequate light. This stand is made with clear acryl which makes AQUASKY look like floating in the air. This design is made possible by LED light fitting's great feature of slim body and cannot be seen in any other conventional lighting system. With this stand, aquarists can enjoy planted aquarium with an open feeling. When an aquarium is viewed as a part of home interior design, the existence of its lighting system is very important and cannot be ignored. "A simple design that looks great in any type of room and naturally fits into the appearance of aquarium" and "a good balance between light and design performance" – These are some great features of ADA lighting systems.

In addition to these conventional types of lamps, ADA developed a new LED lighting system "AQUASKY" to meet the demand of the present times (launched in May 2012). Despite the perception that wavelength distribution of white LED is not suitable for growing aquatic plants, AQUASKY proved that aquatic plants can grow under white LED. This success was supported by the concept of "light consisting of higher blue spectrum is effective for the growth of aquatic plants" as mentioned earlier. White LED light generally contains blue spectrum the most while not much red spectrum is present in this light. This fact tells us that white LED light passes through the water without much attenuation and it is beneficial for efficient photosynthesis of aquatic plants. White LED is in fact suitable for growing aquatic plants. Then, why aquatic plants did not grow under conventional LED aquarium lights in the past? It is because their absolute light intensity, which is the most important condition for photosynthesis, was not sufficient. To ensure the adequate light intensity for

In the process of growing aquatic plants, light is the factor with the most stringent requirements. Absolute light intensity is very important and aquatic plants will not grow healthily if light intensity is inadequate even when all other conditions are satisfied. Currently three types of lamps, namely fluorescent lamp, metal halide lamp and LED, are available but for any of them, the top priority issue is to ensure adequate light intensity. Another requirement to be met is light quality. Roughly speaking, light has red, green and blue wavelengths. Red light is mostly absorbed by water whereas blue light penetrates further in water. In view of this fact, NA Lamp was developed as the world's first lamp exclusively for aquatic plants (launched in March 1994) based on the concept that the light consisting of higher blue spectrum is effective for the growth of aquatic plants. At present, ADA offers a lineup of lighting systems equipped with NA Lamp Twin and metal halide lamp for aquatic plants (NAG and NAMH) having signature characteristics of NA Lamp. In



Grand Solar 250

Grand Solar 250 is a pendant style lighting system equipped with a 250W metal halide lamp. The system employs a small-sized and light-weighted electronic ballast and a light -condensing light reflector for the first time in aquarium industry. It provides a sufficient amount of light for the growth of invertebrates, which require a strong light in a large deep aquarium tank.

Article Code	Item
108-066	with NAMH-250W Lamp
108-0661	with NAG-250W Green Lamp
108-067	with Blue Light Lamp



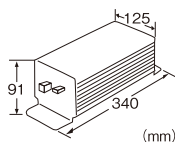
Heat release fin

Lamp

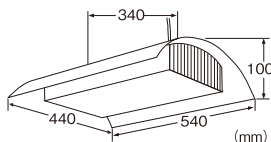
Light housing unit size / W540xD440xH100mm
 Light housing unit weight / 5kg Connection cord length / 5m
 Power cord length / 2m Distance between two hanging wires / 340mm
 Hanging wire length / 1.5m Wire Diameter / 1.5mm
 Electronic ballast size / W340xD125xH91mm
 Electronic ballast weight / 2.3kg
 Voltage / AC100V • 200V • 242V 50/60Hz
 Equipped with Metal Halide Lamp 250W and high performance electronic ballast.
 (NOT compatible with NA Control Timer)



250W electronic ballast



(mm)



(mm)



Grand Solar I

Grand Solar I is the pendant style lighting system equipped with a combination of a 150W metal halide lamp and two 36W twin fluorescent lamps. This is a flagship model for Nature Aquarium and you can create a variety of environments by changing the combination of lights and adjusting the length of lighting time by a timer.

Article Code	Item
108-055	with NAMH-150W / NA Lamp 36W Twin x2
108-0551	with NAG-150W Green / NA Lamp 36W Twin x2
108-056	with 10,000K Lamp / NA Lamp 36W Twin x2
108-057	with Blue Light Lamp / NA Lamp 36W Twin x2



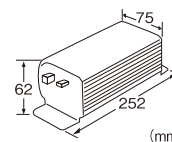
Side view

Lamp

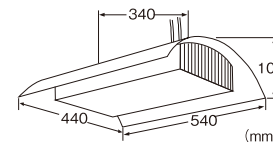
Light housing unit size / W540xD440xH100mm
 Light housing unit weight / 6.5kg Connection cord length / 5m
 Power cord length / 2m Distance between two hanging wires / 340mm
 Hanging wire length / 1.5m Wire Diameter / 1.5mm
 Electronic ballast size / W252xD75xH62mm Electronic ballast weight / 780g
 Voltage (Metal Halide Lamp) / AC100V • 200V • 242V 50/60Hz
 Voltage (Fluorescent Lamp) / AC100V 50/60Hz
 Equipped with Metal Halide Lamp 150W, NA Lamp 36W Twin x2 and high performance electronic ballast. (compatible with NA Control Timer)
 Metal halide lamp and fluorescent lamp have different power sources so that both lamps can be controlled separately.



150W electronic ballast



(mm)



(mm)



Grand Solar II

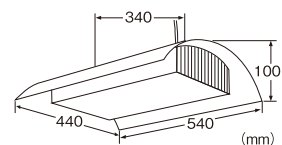
Grand Solar II is a pendant style lighting system equipped with four 36W twin fluorescent lamps. A low-heat-radiating electronic ballast which maximizes the performance of NA Lamp 36W twin is integrated in the system. The pendant style system is ideal for releasing out heat and prevents the increase in temperature. Designed for a tank between 75cm and 90cm in length.

Article Code	Item
108-058	with NA Lamp 36W Twin x4



Side view

Lamp



Lighting Housing Unit Size / W540xD440xH100mm
 Lighting Housing Unit Weight / 4.5kg
 Connection Cord Length / 5m
 Distance between hanging wires / 340mm
 Hanging wire length / 1.5m
 Wire Diameter / 1.5mm
 Voltage / AC100V 50/60Hz
 Equipped with NA Lamp 36W Twin x4
 and internal electronic ballast. (compatible with NA Control Timer)



Grand Solar Stand

Grand Solar Stand is used exclusively with Grand Solar 250, Grand Solar I, Grand Solar II (only for W90cm aquarium). Install the stand on the Wood Cabinet with brackets. Including brackets for attaching cabinet with screws and clips for keeping the lamp cord nice and neat.

Article Code	Item	Height (cm)
108-071	for W90xH45cm	180
108-072	for W90xH60cm	195



Front view



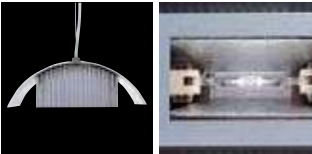
Side view



Solar I

Solar I is a standard pendant style lighting system equipped with a 150W metal halide lamp. The system includes a high quality small electronic ballast. Solar I has a built-in light reflector and can maximize the benefits of a metal halide lamp. Solar I White is also available.

Solar I	Equipped Lamp	Solar I White	Equipped Lamp
108-047	with NAMH-150W Lamp	108-041	with NAMH-150W Lamp
108-0471	with NAG-150W Green Lamp	108-0411	with NAG-150W Green Lamp
108-049	with 10,000K Lamp	108-042	with 10,000K Lamp
108-050	with Blue Light Lamp	108-043	with Blue Light Lamp

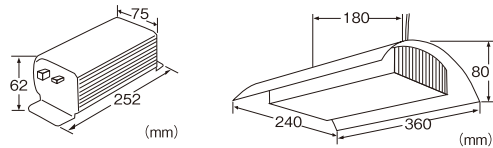


Side view Lamp

Lighting Unit Size / W360×D240×H80mm
 Lighting Unit Weight / 2.5kg Connection Cord Length / 5m
 Power Cord / 2m Distance between hanging wires / 180mm
 Hanging Wire length / 1.5m Wire Diameter / 1.5mm
 Electronic Ballast Size / W252×D75×H62mm
 Electronic Ballast Weight / 780g
 Voltage / AC100V • 200V • 242V 50/60Hz
 Equipped with Metal halide lamp and
 high performance electronic ballast. (compatible with NA Control Timer)

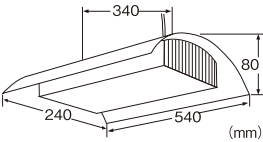


Solar I White 150W electronic ballast



Side view Lamp

Lighting Housing Unit Size / W540×D240×H80mm
 Lighting Housing Unit Weight / 3kg
 Connection Cord Length / 5m
 Distance between hanging wires / 340mm
 Hanging wire length / 1.5m
 Wire Diameter / 1.5mm
 Voltage / AC100V 50/60Hz
 Equipped with NA Lamp 36W Twin ×2 and internal
 electronic ballast. (compatible with NA Control Timer)



Solar II

Solar II is a pendant style lighting system equipped with two 36W twin fluorescent lamps. The system is power saving with the lamp efficiency of twin fluorescent lamps and a low-heat radiating electronic ballast. You can create an ideal lighting environment for the growth of aquatic plants. Designed for a 60cm long tank.

Article Code	Item
108-059	with NA Lamp 36W Twin ×2



Example of installation

- * Cube Garden, Garden Stand, Garden Stand Fitting Parts and Lighting unit are optional.
- * The pictures show the installation example of Solar I Stand.



Solar I Stand

Solar I Stand is an arm stand designed for Solar I. The stand unit includes brackets for attaching the stand to the Wood Cabinet and Plain Cabinet, and clips for keeping the lamp cord nice and neat. Use two stand units, one for each end, for a 120cm tank. Optional mounting fixtures (Garden Stand Fitting Parts) are required to attach the stand to the Garden Stand.

Article Code	Item	Height (cm)
108-051	for W60×D30cm	180cm
108-053	for W60×D45cm	180cm From right side
108-054	for W60×D45cm	180cm From left side
108-052	for W90×D45cm	180cm

Solar II Stand

Solar II Stand is for the Solar II lighting system. The stand unit includes brackets for attaching the stand to the Wood Cabinet and Plain Cabinet, and clips for keeping the lamp cord nice and neat. The arm part for hanging the Solar II unit is longer than Solar I Stand and it can set Solar II at the center of a 60 cm tank.

Article Code	Item	Height (cm)
108-073	for W60×D30cm	180cm

Garden Stand Fitting Parts

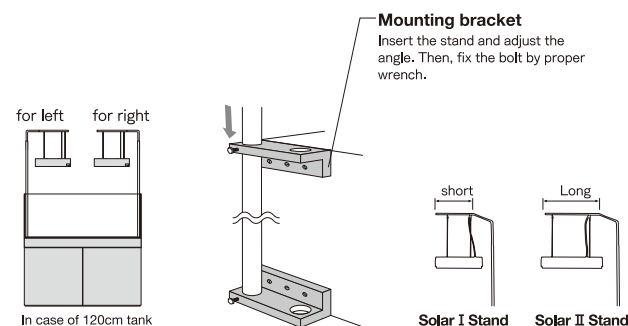
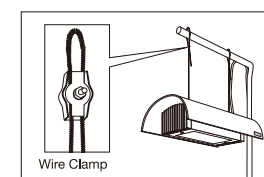
Use a set of the mounting fixtures when you attach Solar I Stand or Solar II Stand to Garden Stand. No additional tool required.

Article Code	Item
108-045	Garden Stand Fitting Parts (2 pcs)

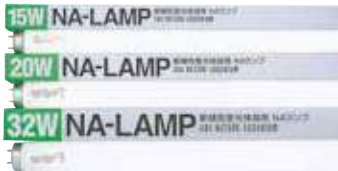
Wire for Solar / Wire Clamp for Solar

Common replacement parts for pendant style Solar series. Useful when changing the position of lighting unit.

Article Code	Item
108-063	Wire for Solar (1 wire & a clamp are included)
108-0631	Wire Clamp for Solar (2 clamps are included)



- Comes with clips to fix the lamp cord nice and neat.
- Mounting brackets are included for installation on a Wooden Cabinet or wall.
- For installation to Solar I & II Stand, special mounting fixtures are required (sold separately).



NA Lamp (Straight-tube fluorescent lamp)

Replacement florescent lamp ideal for taking care of aquatic plants. The light consists of higher blue spectrum (8,000k color temperature) which provides a better optical transmittance under water. It brightens up the inside of a tank.

Article Code	Item
108-010	15W (FL15 / NA-G) Tube length 436mm
108-011	20W (FL20SS / NA / 18-G) Tube length 580mm
108-014	32W (FL32S / NA-G) Tube length 830mm

NA Lamp Twin 36W

Replacement twin florescent lamp for Grand Solar I,II and Solar II. Excellent as an ancillary lamp for marine aquariums. Please replace the lamp after every 4,000 to 5,000 hours of use (8 hours per day for 1 to 1 and 1/2 years).

Article Code	Item
108-060	36W (FPL 36 NA-G) Tube length 410mm

Metal Halide Lamp 250W

Replacement metal halide lamp for Grand Solar 250. Select a type for your needs: lighting for water plants or marine aquarium. Please replace the lamp after every 4,000 to 5,000 hours of use (8 hours per day for 1 to 1 and 1/2 years).

Article Code	Item
108-064	NAMH-250W (for aquatic plants, 250W)
108-0641	NAG-250W-Green (for aquatic plants, 250W)
108-065	Blue Light (for marine water, 250W)

Metal Halide Lamp 150W

Replacement metal halide lamp for Grand Solar I and Solar I. Select a type of lamp for your needs: lighting for water plants or marine aquarium. Please replace the lamp after every 4,000 to 5,000 hours of use (8 hours per day for 1 to 1 and 1/2 years).

Article Code	Item
108-036	NAMH-150W (for aquatic plants, 150W)
108-0361	NAG-150W-Green (for aquatic plants, 150W)
108-028	10,000K (for marine water, 150W)
108-035	Blue Light (for marine water, 150W)

* ADA replacement metal halide lamps are compatible only with ADA's genuine lighting systems. (Solar I, Grand Solar I, Grand Solar 250)

Color rendering comparison between four different light sources



NAG

NAMH

NA Lamp

LED



301



361



451

AQUASKY 301•361•451

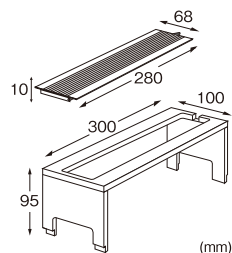
AQUASKY is an LED lighting system developed specifically for planted aquariums. It achieved the best-in-class brightness for aquarium LED lighting. It adapts high-luminosity white LEDs, and they are arranged in an optimal layout for enhanced light distribution. AQUASKY enables the healthy growth of aquatic plants, which had been considered difficult with LED lamps.

Article Code	Item	Aquarium Size (cm)
108-068	AQUASKY 301	W30×D30×H30cm (Glass thickness 5mm)
		W30×D18×H24cm (Glass thickness 5mm)
		Waterfall W30×D30×H30 (Glass thickness 5mm)

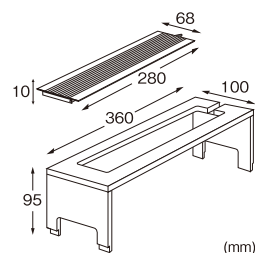
Article Code	Item	Aquarium Size (cm)
108-069	AQUASKY361	W36×D22×H26cm (Glass thickness 5mm)

Article Code	Item	Aquarium Size (cm)
108-070	AQUASKY451	W45×D24×H16cm (Glass thickness 5mm)
		W45×D27×H30cm (Glass thickness 5mm)

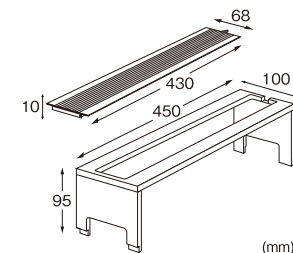
301
Light housing unit size / W280×D68×H10mm
Clear stand size / W300×D100×H95mm
Voltage / AC100~240V 50/60Hz
Power consumption / 17W
Current consumption/400mA ±5%
Luminous flux / 1,450~1,550lm
Color temperature/Around 7,000K
LED / 0.4W / each×30
LED lifetime / Over 30,000hrs
Operating temperature range / 0~35°C



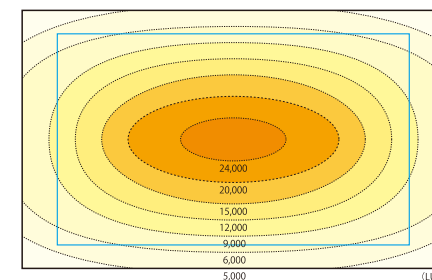
361
Light housing unit size / W280×D68×H10mm
Clear stand size / W360×D100×H95mm
Voltage / AC100~240V 50/60Hz
Power consumption / 17W
Current consumption / 400mA ±5%
Luminous flux / 1,450~1,550lm
Color temperature / Around 7,000K
LED / 0.4W / each×30
LED lifetime / Over 30,000hrs
Operating temperature range / 0~35°C



451
Light housing unit size / W430×D68×H10mm
Clear stand size / W450×D100×H95mm
Voltage / AC100~240V 50/60Hz
Power consumption / 22W
Current consumption / 650mA ±5%
Luminous flux / 1,800~2,160lm
Color temperature / Around 7,000K
LED / 0.4W / each×45
LED lifetime / Over 30,000hrs
Operating temperature range / 0~35°C



AQUASKY 301/361 featuring high light distribution performance



□ W36×D22cm □ W30×D18cm

(Measurement distance: 8cm, assumed distance between the light source and water surface)



601



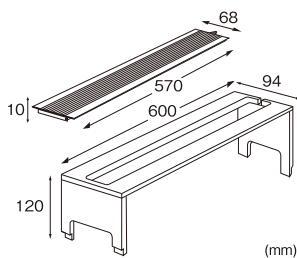
602

AQUASKY 601・602

AQUASKY is an LED lighting system developed specifically for planted aquariums. It achieved the best-in-class brightness for aquarium LED lighting. It adapts high-luminosity white LEDs, and they are arranged in an optimal layout for enhanced light distribution. AQUASKY enables the healthy growth of aquatic plants, which had been considered difficult with LED lamps.

Article Code	Item	Aquarium Size (cm)
108-080	AQUASKY601	W60×D30×H18cm (Glass thickness 5mm)
		W60×D30×H36cm (Glass thickness 6mm)
		W60×D30×H45cm (Glass thickness 6mm)
	Waterfall	W60×D45×H45 (Glass thickness 6mm)

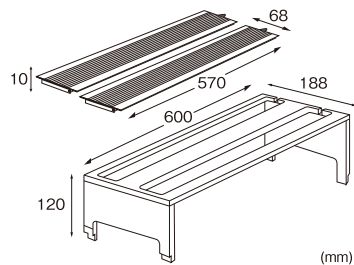
601
 Light housing unit size / W570×D68×H10mm
 Clear stand size / W600×D94×H120mm
 Voltage / AC100~240V 50/60Hz
 Power consumption / 30W
 Current consumption / 900mA ±5%
 Luminous flux / 2,520~2,850lm
 Color temperature / Around 7,000K
 LED / 0.4W / each×63
 LED lifetime / Over 30,000hrs
 Operating temperature range / 0~35°C



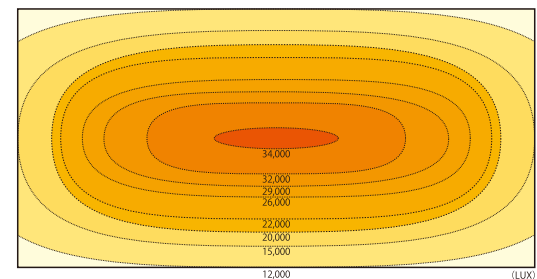
Article Code	Item	Aquarium Size (cm)
1108-081	AQUASKY602 (Twin Light type)	W60×D30×H18cm (Glass thickness 5mm)
		W60×D30×H36cm (Glass thickness 6mm)
		W60×D30×H45cm (Glass thickness 6mm)
	Waterfall	W60×D45×H45 (Glass thickness 6mm)

602
 Light housing unit size / W570×D68×H10mm
 Clear stand size / W600×D188×H120mm
 Voltage / AC100~240V 50/60Hz
 Power consumption / 60W (30W per lighting unit)
 Current consumption / 900mA ±5% (per lighting unit)
 Luminous flux / 2,520~2,850lm (per lighting unit)
 Color temperature / Around 7,000K
 LED / 0.4W / each×63 (2 units)
 LED lifetime / Over 30,000hrs
 Operating temperature range / 0~35°C

* AQUASKY 602 comes with 2 adapters.
 Each adapter takes one lighting unit.



AQUASKY 602 featuring high light distribution performance



□ W60×D30cm
 (Measurement distance: 12cm,
 assumed distance between the light source and water surface)



AQUASKY is equipped with a clear acrylic stand. It looks as if the light is floating above the aquarium.



The best-in-class brightness and light distribution have been achieved by optimizing the layout pattern of high-luminosity white LEDs.



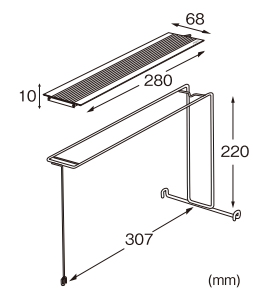
AQUASKY301 High Type

AQUASKY301 High Type

AQUASKY 301 High Type is an LED lighting unit that is suitable for the cultivation of emersed Wabi-kusa. With the stainless steel wire stand, it can illuminate the aquarium from a higher position than other AQUASKY models.

Article Code	Item	Aquarium Size (cm)
108-082	AQUASKY301 High Type	W30×D30×H30cm (Glass thickness 5mm)
		W30×D18×H24cm (Glass thickness 5mm)
		Waterfall W30×D30×H30 (Glass thickness 5mm)

301 High Type
 Light housing unit size / W280×D68×H10mm
 Stand size / W307×H220mm
 Voltage / AC100~240V 50/60Hz
 Power consumption / 17W
 Current consumption / 400mA ±5%
 Luminous flux / 1,450~1,550lm
 Color temperature / Around 7,000K
 LED / 0.4W / each×30
 LED lifetime / Over 30,000hrs
 Operating temperature range / 0~35°C





dissolved into water stimulates the hobbyists' scientific curiosity. These glass items are all handcrafted by skilled craftsmen and make us feel the attachment which cannot be attained by plastic products or similar but unelaborated items. Over the past 30 years since the initial development of CO₂ System, the CO₂ injection has gained recognition from global aquarists as an effective approach through the creation and maintenance of a number of Nature Aquariums. In the recent years where global warming is an alarming issue, people very often see CO₂ as a harmful substance. However, plants are unable to perform photosynthesis and produce oxygen without the presence of CO₂ which accounts for 0.03% of the atmosphere. We aquarists can easily understand that CO₂ is indispensable for living being on the Earth to survive. Thinking of a balance in aquarium environment while looking at tiny CO₂ bubbles floating up from Pollen Glass – this may be the first step for us to become conscious about global natural environments.

inception with the aim to establish the best methods to grow aquatic plants. ADA's key CO₂ product is the CO₂ System comprising CO₂ small cartridge and CO₂ regulator. Since its launch in 1985, this world's first CO₂ system has made the growing of aquatic plants easier. Even before CO₂ system gained popularity, ADA strived for improvement in product safety. The current lineup of Nature Aquarium Goods CO₂ System boasts the world's top level in terms of CO₂ injection performance as well as safety, which can be seen in the features such as safety seal for prevention of accidental explosion of CO₂ cartridge, highly-durable packing for prevention of CO₂ leak and floating needle for safe opening of cartridge, to name a few. Meanwhile, fully glass made CO₂ items including Pollen Glass are one of the signature products representing ADA. Blended perfectly into aquarium water, these products decorate the aquascape elegantly without sacrificing its attractive appearance. The sight of pollen-like fine CO₂ bubbles float and get

In Nature Aquarium, about 3 bubbles per second of CO₂ are injected into a 60cm aquarium tank (approximately 60L) with CO₂ Bubble Counter, but fishes and shrimps living in the aquarium never suffer a lack of oxygen. CO₂ injected into water is eventually absorbed by aquatic plants and an adequate amount of oxygen is produced through the process of photosynthesis. Fishes, shrimps and microorganisms take in this oxygen to survive. These facts tell us that a good balance between CO₂ released by living beings and absorbed by plants is very important to the aquarium as well as global environment. ADA started the development of CO₂ system for aquatic plants about 30 years ago. In those days, aeration was a standard practice and CO₂ injection was perceived to pose a risk of lack of oxygen to fishes. Even in such a circumstance, ADA has been committed to development of CO₂ injection systems since ADA had confirmed the effectiveness of CO₂ injection on actual aquariums. ADA delivered a number of products since its

CO₂ SYSTEMCO₂ Injection and Natural Environment.CO₂



Pollen Glass

It is a basic model diffuser for 60cm size aquarium. It disperses CO₂ in fine bubbles and diffuses them efficiently into the water. The original model has a simple design and does not disturb aquascape.

102-101 for CO₂
102-111 for AIR



Pollen Glass TYPE-2

It's diffusion filter is placed at a higher position than the original model. But, this doesn't make any difference in their basic performance, such as CO₂ diffusing ability. Please choose as your preference.

102-1013 for CO₂



Pollen Glass TYPE-3

TYPE-3 has the same diffusing ability as the original and TYPE-2, but it's with a new design. Silicon tube connecting part is in upright position, and it can be connected without bending the tube.

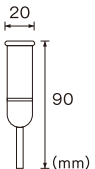
102-1014 for CO₂



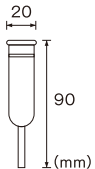
New Pollen Glass

New Pollen Glass is the redesigned model of the Pollen Glass, with diagonally cut opening. The diffusing ability is same as original Pollen Glass. You can set this neatly inside a Cube Garden with a furnished Joint Glass.

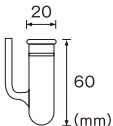
102-1011 for CO₂



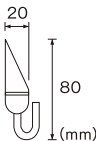
Pollen Glass



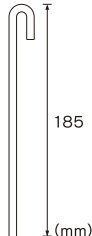
Pollen Glass TYPE-2



Pollen Glass TYPE-3



New Pollen Glass



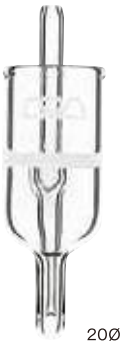
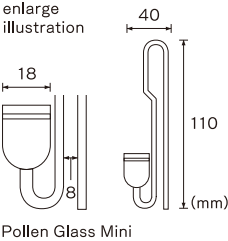
furnished Joint Glass



Pollen Glass Mini

Pollen Glass Mini is designed for small size aquariums (Use aquarium with less than 5mm glass thickness). It can be set without using any suction cups to an aquarium tank.

102-1012 for CO₂



20Ø

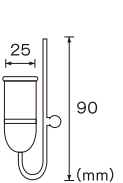


30Ø

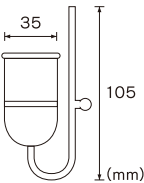
Pollen Glass Large

This is the Pollen Glass with a wider diffusion filter, which is placed on the side panel of aquarium. Its unique J-shape glass pipe design sits elegantly inside the aquarium tank. 20Ø is designed for 60cm tank with fully grown sun plants, such as Riccia that requires much CO₂ and 30Ø diffuses CO₂ effectively for 75-90cm tank. Pollen Glass Large is made of glass including J-shape parts. Careful handling is required when attaching or detaching suction cup.

102-106 20Ø for CO₂
 102-116 20Ø for AIR
 102-107 30Ø for CO₂
 102-117 30Ø for AIR



Pollen Glass Large 20Ø



Pollen Glass Large 30Ø



The diffusing filter of Pollen Glass is also made of glass. Clean it properly for a better CO₂ diffusing capacity.



Pollen Glass Beetle

Pollen Glass Beetle has a wider diffusion filter. Unique design Beetle sits conveniently on an inside corner of an aquarium tank. For a large size tank, Beetle can be placed on multiple numbers of corners. 30Ø is suitable for 90cm size tank, 40Ø for 90-120cm tank, and 50Ø for 120-180cm tank.

* The white diffusing filter of the Pollen Glass series is very delicate and easily damaged. Once damaged, it can not be replaced. For cleaning, please use Superge. Do not use brush for cleaning.

* You can connect the Pollen Glass for AIR products to an air-pump for supplying aeration at night.

* Please use a silicone tube for connecting glass products.

102-103	30Ø	for CO ₂
102-113	30Ø	for AIR
102-104	40Ø	for CO ₂
102-114	40Ø	for AIR
102-105	50Ø	for CO ₂
102-115	50Ø	for AIR



Cabochon Ruby

It is a durable and decorative glass made check valve. The valve is produced from a mineral close to Ruby, and it does not deteriorate from a long-term use. Moisten the mineral before installation.

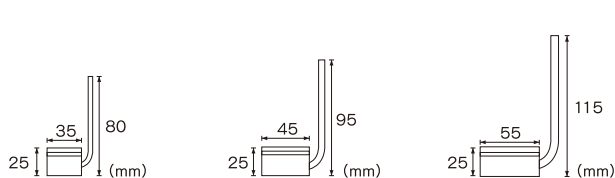
102-512



CO₂ Bubble Counter

It is a bubble counter for measuring the amount of CO₂ supply. According to each aquarium condition, it can supply adequate amount of CO₂ even for beginners. Its simple yet functional design well matches Pollen Glass.

102-201



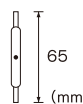
Pollen Glass Beetle 30Ø

Pollen Glass Beetle 40Ø

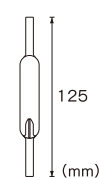
Pollen Glass Beetle 50Ø



It can be placed on the corner.



Cabochon Ruby



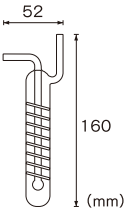
CO₂ Bubble Counter



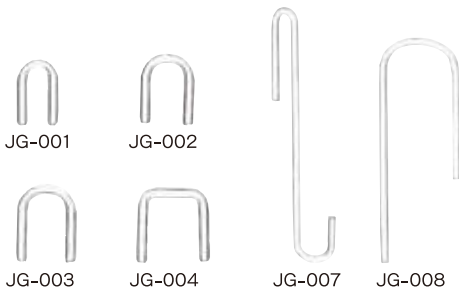
CO₂ Beetle Counter

It is a CO₂ bubble counter for large size aquariums. It has a practical and playful design, and the bubbles can be easily counted as CO₂ rises in a spiral. It is designed to be used with Pollen Glass Large or Pollen Glass Beetle.

102-202



CO₂ Beetle Counter



Joint Glass

Joint Glass is the connection parts for preventing silicone tube bent at rim of tank. Please choose size depending on thickness of tank or connecting situation of silicone tube. JG-007 is for Pollen Glass or TYPE-2, and JG-008 is for Pollen Glass TYPE-3, Pollen Glass Large or Pollen Glass Beetle.

102-701	JG-001	diameter 11mm	
102-702	JG-002	diameter 18mm	
102-703	JG-003	diameter 22mm	
102-704	JG-004	diameter 31mm	
102-707	JG-007	diameter 12mm	Height: 210mm
102-708	JG-008	diameter 50mm	Height: 160mm



Check Valve

This is a check valve that prevents water from flowing back into CO₂ regulator. It is included to CO₂ Bubble Counter and CO₂ Beetle Counter. Check Valve is a consumable part that needs to be replaced with a new one approximately once a year.

101-504



CO₂ System 74-YA/Ver.2

YA is the standard-grade regulator for CO₂ small cartridge. We value both safety and function, and chose to use reliable Japanese parts, such as floating needle for opening the cartridge, and high-precision speed controller.

101-006 White

* A bottle of CO₂ System 74 Tropical Forest No.1 Amazonian included.



CO₂ System 74-SA

SA is the high-grade model regulator for CO₂ small cartridge. You can control the discharge pressure in a range of 0.00-0.35MPa, and you can control the pressure depending on the number of aquarium tanks.

101-004 White

* A bottle of CO₂ System 74 Tropical Forest No.1 Amazonian included.



CO₂ System 74-Tropical Forest

CO₂ small cartridge for CO₂ System 74. Fragrances of the world's three major tropical rainforest images are added to highly-pure CO₂. It is equipped with original safety seal and original connection pitch. Even beginners can easily attach the cartridge to the regulator.

- 101-104 NO.1 Amazonian
- 101-105 NO.2 Malayan
- 101-106 NO.3 African
- 101-107 Three Bottle Set

* Net contents: 74g (fragrant beads included)
* CO₂ lasts approximately one month with the supply of 1 bubble per second through CO₂ Bubble Counter, 8 hours per day.



CO₂ Advanced System

CO₂ Advanced System includes basic equipments of CO₂ supply for 60cm standard size aquarium. It contains all the necessary parts, such as Ball Valve, Pressure-resistance and Silicone tube, and it is suitable for a CO₂ supply beginner.

101-603 White

Contents/
CO₂ System 74-YA/Ver.2
CO₂ System 74
Tropical Forest No.1 Amazonian
Pollen Glass for CO₂
CO₂ Bubble Counter
Check Valve, Ball Valve
Cap Stand, Pressure-resistance Tube
Silicone Tube, Suction Cup
Syringe
Green Bacter



Cap Stand

It is a stand for CO₂ System 74 cartridge. Metal Cap Stand made of stainless steel is also available. The cartridge bottle must be used in a upright position.

101-206 White

101-204 Metal



Clear Stand for CO₂ System 74

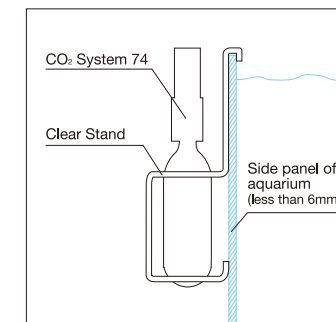
Clear Stand is a CO₂ cartridge stand specially designed for ADA CO₂ System 74-Tropical Forest series. It is placed on the side of a tank in an elegant form. Its clear acrylic material goes well with frame-less aquariums like Cube Garden.

101-207

* Mountable on the side panel of pool type aquarium tank 6mm or less in thickness.

* The regulator and CO₂ cartridge shown in the image photo are not included in the product package.

* It is not possible to use with Do!aqua CO₂ Starter Kit.





Length / 50cm
Standard accessory / Dedicated wrench
(This does not come with Tower/Stainless steel case)

Tower is a refillable CO₂ tank equipped with elegant stainless steel case for safety reasons. It is economical because the tank can store the same amount of CO₂ as 18 small cartridges, and suitable for large size aquarium tank. The stainless steel cover keeps CO₂ tank securely in upright position.

- | | |
|---------|---|
| 101-112 | Tower / Refillable CO ₂ tank with stainless steel case |
| 101-113 | Tower / Stainless steel case |

* This product is NOT compatible with CO₂ small cartridge.
Includes an Extra Inner Seal.

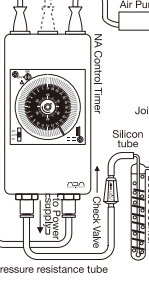
It is standard type regulator for refillable CO₂ tank. The simple design regulator is suitable for ADA Tower refillable CO₂ tank, and it is equipped with fixed pressure inhibition function (0.30MPa) and second pressure safety hole for safety and functionality.

- | | |
|---------|--|
| 101-301 | CO ₂ Attache Regulator |
| 101-512 | Extra Inner Seal (for large regulator) |

* This product is NOT compatible with CO₂ small cartridge.
Includes an Extra Inner Seal.

This is the highgrade model for refillable CO₂ tank. Adjustable pressure inhibition function (0-0.35MPa) allows the outflow pressure to be manually controlled, and it is compatible with CO₂ distribution parts. Excellent for distributing CO₂ supply to multiple aquarium tanks.

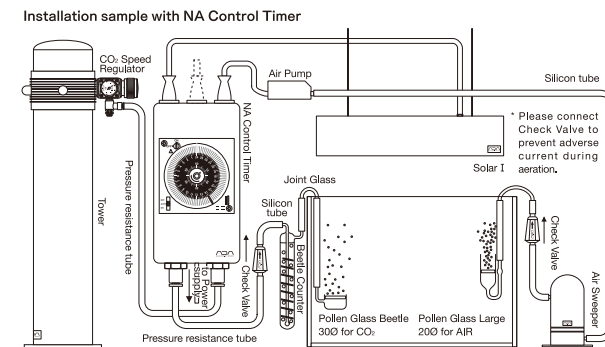
- 101-303



* This is exclusively designed for ADA genuine CO₂ System74-YA / Ver.2 and SA. Includes an Extra Inner Seal.

This is an adapter to connect CO₂ System 74-YA Ver.2 and SA regulator to the refillable CO₂ tank. With CO₂ Adapter, you can switch to Tower from Tropical Forest and vice versa.

- 101-304 CO₂ Adapter
101-513 Extra Inner Seal (for Adapter)





NA Control Timer

It has three outlets: two for lighting control and one for air pump. The outlet for air pump is inversely connected with lighting circuit, and it is activated when the timer is turned off.

101-402 for 50Hz
101-403 for 60Hz

- * Voltage / AC100V 50/60Hz
- * Due to the circuit capacity, only one Solar I or Grand Solar I can be connected with a NA Control Timer.
- * Use with only ADA genuine regulators. Three outlets (one of them is reverse circuit). Each outlet accepts up to 200W.



EL Valve

EL Valve is an solenoid valve for CO₂ supply. It can be connected with a commercially available electric timer, and it can control CO₂ supply automatically with an electromagnetic valve.

101-411

- * Voltage / AC100V 50/60Hz
- * Use with only ADA genuine regulators.

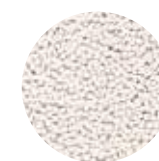


Air Sweeper

It is a deodorant container, and designed for adding effects of aroma, deodorizing and disinfection to the air sent to the aquarium tank. Forest fragrance Clean Beads reduces the aquarium tank odor during the aeration at night.

108-201 Stainless steel model

- * Do NOT use for CO₂ System.



Clean Beads

Clean Beads

Use inside of Air Sweeper. In order to keep the highest performance, replace new Clean Beads every month.

108-202 Clean Beads 30g



Speed Controller

Flow rate controller for a precise CO₂ supply. When one source of CO₂ is branched off, each line needs a separate Speed Controller. Please use Speed Controller in case of supplying less than 1 bubble per second. Speed Controller G is used for over 1 bubble per second.

- 1 110-061 Speed Controller
- 2 110-062 Speed Controller G

Stop Valve

Easy On-Off CO₂ flow switch by turning the handle. Ball Valve G has a larger handle for easy operation. Ball Valve is small, and barely-noticeable. You can select from two different colors.

- 3 110-031 Hand Valve
- 4 110-042 Ball Valve Black
- 5 110-044 Ball Valve White
- 6 110-041 Ball Valve G

Joint Parts

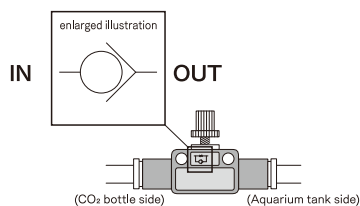
For connecting Pressure-resistance tubes for CO₂ supply. Joint Stick is also used with silicone tube.

- 7 110-011 Straight Union
- 8 110-012 Elbow Union
- 9 110-0141 Joint Stick Metal Type (3 pcs)

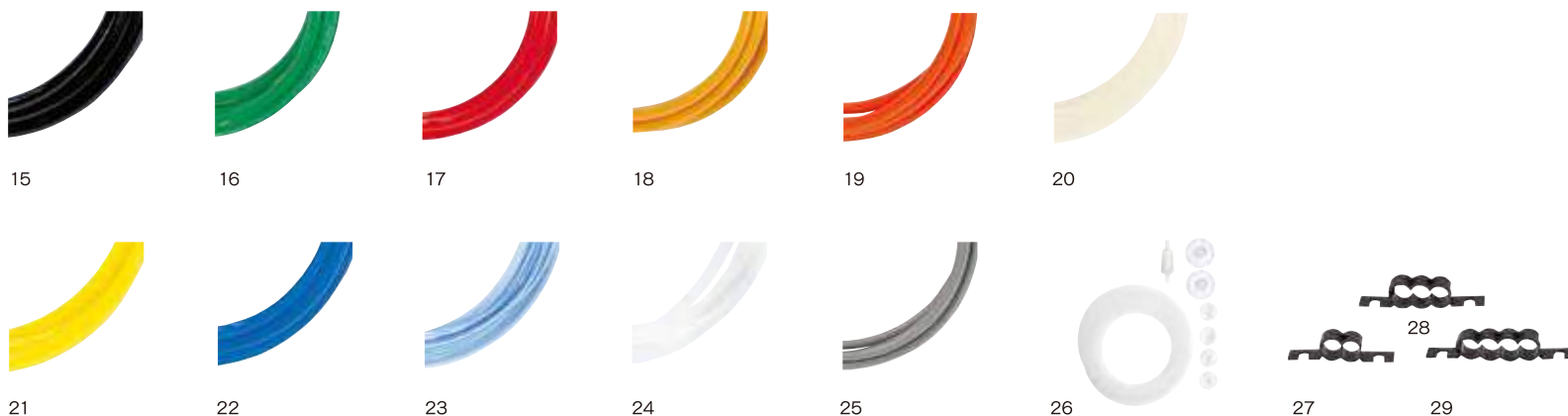
Mini Gauge

CO₂ pressure gauge for checking the level of CO₂ pressure inside distribution tubes. Connect the tubes to both ends and stop the flow of CO₂. Then, measure the pressure.

- 10 110-071 Mini Gauge



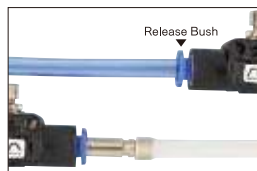
Some types of Speed Controllers and Hand Valves have a specific direction for connection. Please follow the above sign and make sure to connect correctly.



Multiple Line Branch

Joint parts used for delivering CO₂ to multiple distributing lines. It is used when supplying CO₂ into several aquarium tanks from large CO₂ bottle, or placing multiple diffusers with a large tank in order to improve diffusion efficiency.

11	110-001	T branch (Blue)
12	110-003	T branch (Black)
13	110-004	Y branch (Blue)
14	110-006	Y branch (Black)



Connection of Pressure Resistance Tube with distribution parts can be made easily by inserting one end of Pressure Resistance Tube to Release Bush. For connecting with silicone tube, use Joint Stick.

Pressure Resistance Tube

It is used for the connection between CO₂ Regulator and Check Valve. This tube is also good for connecting the joint parts. Do NOT connect it directly to the glass products.

15	110-120	2m	Black
16	110-121	2m	Green
17	110-122	2m	Red
18	110-123	2m	Ocher
19	110-124	2m	Orange
20	110-125	2m	Snow White
21	110-126	2m	Yellow
22	110-127	2m	Blue
23	110-128	2m	Clear Blue
24	110-129	2m	Clear
25	110-130	2m	Gun Metallic
15	110-100	20m	Black
16	110-101	20m	Green
17	110-102	20m	Red
18	110-103	20m	Ocher
19	110-104	20m	Orange
20	110-105	20m	Snow White
21	110-106	20m	Yellow
22	110-107	20m	Blue
23	110-108	20m	Clear Blue
24	110-109	20m	Clear
25	110-110	20m	Gun Metallic

Parts Set

A set of accessories (suction cups, silicone tube, check valve) for the installation of glass products for CO₂ distribution. Please replace check valve every year. It is recommended to replace silicone tube all together.

26	101-507	Clear Parts Set
	101-506	Gray Parts Set

* Suction cup and silicone tube become hardened when used in water for a long time. Please replace once a year for keeping their performance.

Tube Holder

Neatly and efficiently organize 2-4 Pressure Tube lines. When supplying CO₂ into numbers of aquariums, tube arrangement becomes a mess, but tube Holder enables neat arrangement.

27	110-301	2 Tube Holding Clamp
28	110-302	3 Tube Holding Clamp
29	110-303	4 Tube Holding Clamp



ES-300 and ES-150 for 45cm or smaller aquarium tanks have been newly developed in response to the demands for Super Jet Filter for small-sized aquariums. These new additions are compact in size but have all the great features of Super Jet Filter including tough stainless steel body, durable buckles and high pump head. In the process of these compact Super Jet Filter models, Lily Pipe Spin was created based on the concept to use Super Jet Filter in small aquarium tanks by moderating water flow with no decline in filter's flow rate instead of simply reducing the flow rate. With this Lily Pipe Spin, small aquarium can now be enjoyed as an ADA total system in addition to the benefit of obtaining a sufficiently high filtration capacity. In aquarium having Super Jet Filter, water is refined by biological filtration and the water flow optimal for aquatic plants is provided by Lily Pipe. ADA's filter system achieves the circulation of live water and creates rippling shining water.

achieve this, the surface of filter media notably needs to be exposed to an adequate, uniform flow of water containing oxygen. This means high filtration performance can be achieved only when there is a water flow adequate for the filter media capacity. The canister of Super Jet Filter is designed to have a very simple cylindrical shape as it is an ideal structure to obtain a uniform water flow rate. Furthermore, the canister of Super Jet Filter is separated from the motor to reduce negative impact of electromagnetic wave on beneficial bacteria. Despite the trend of filters with emphasis on easy handling and convenience during periodic maintenance, ADA considers that filtration capacity is the point to which utmost focus has to be given and should not be sacrificed. Super Jet Filter is an external filter that places the most emphasis on maximizing the bacterial activity. In addition to the original lineup of ES-600, ES-1200 and ES-2400 designed for 60cm or larger aquarium tanks, the compact models of

Filter is the "heart" of aquarium system. Nature Aquarium designed for long-term maintenance requires stable and long-lasting high filtration performance. Toughness and durability are also very important performance factors required for filter. To satisfy these requirements, the elbow as well as canister body and hooks (buckles) of Super Jet Filter are all made of stainless steel to ensure that the product is tough enough and will not be easily damaged even when it topples over or great impact is accidentally applied to it. Filtration performance of the filter is mainly determined by the combination of pump flow rate and capacity of filter media. The essence of filtration is the activities of bacteria and microorganisms colonized the filter media. Therefore, the filters having a larger filter media capacity is better to achieve high filtration performance as more bacterial colonization can be expected. Nevertheless, bacterial activities cannot be promoted just by the large filter media capacity. To



1. ES-150

2. ES-300

Super Jet Filter ES-150 / ES-300

This is an external filter for small size tank, made from stainless. ES-150 is for tank from W30xD18xH24cm to W45xD27xH30cm, ES-300 Spin type is for W36xD22xH26cm to W45xD27xH30cm. ES-300 Lily type is for W60xD30xH36cm. * For freshwater aquarium use only.

Number	Article Code	Item	Size	Capacity
1	105-709	ES-150	Ø118×H280mm	1.5 ℓ
2	105-707	ES-300 Lily Type	Ø144×H360mm	3 ℓ
2	105-708	ES-300 Spin Type	Ø144×H360mm	3 ℓ

Filtration Media

ES-150 Anthracite 1ℓ (supplied in net), Bio Cube 0.5ℓ

ES-300 Anthracite 2ℓ (supplied in net), Bio Cube 1ℓ

Pump Specification

ES-150 Flow Rate 3.5ℓ/min Maximum Pump Head 1.3m

ES-300 Flow Rate 6.0ℓ/min Maximum Pump Head 1.5m

Voltage / AC100~240V 50/60Hz

ES-150,ES-300 Spin type accessories

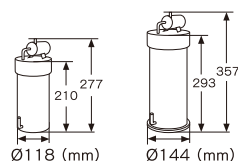
Lily Pipe Spin P-1, Lily Pipe Mini V-2, Clear Hose Ø13 (12 / 16mm),

Clear Hose Ø10 (9 / 12mm), Hose Band Ø10, Hose Band Ø16, Stabilization matt

ES-300 Lily type accessories

Lily Pipe P-1, New Lily Pipe V-3, Clear Hose Ø13 (12 / 16mm),

Clear Hose Ø10 (9 / 12mm), Hose Band Ø10, Hose Band Ø16, Stabilization matt



1. ES-150

2. ES-300



3. ES-600

4. ES-600EX

5. ES-600EX2

Super Jet Filter ES-600 Series

With a robust stainless steel body, Super Jet Filter ES-600 is a highly designed canister filter system. Its mounted pump provides a stable filtration and durability. For aquariums from W60xD30xH36cm to W90xD45xH45cm. High volume capacity enables high ability of filtration.

Number	Item	Size	Capacity	For 36cm (H)	For 45cm (H)
				Article Code	Article Code
3	ES-600	Ø180×H420mm	6 ℓ	105-701	105-702
4	ES-600EX	Ø180×H580mm	9 ℓ	105-703	105-704
5	ES-600EX2	Ø180×H750mm	12 ℓ	105-705	105-706

Filtration media /

3. ES-600 Anthracite 4ℓ (supplied in net), Bio Cube 2ℓ

4. ES-600EX Bio Rio M 8ℓ (supplied in net)

5. ES-600EX2 Bio Rio M 11ℓ (supplied in net)

Common Specification

Flow Rate 5.5ℓ/min (50Hz), 6.0ℓ/min (60Hz)

Maximum Pump Head 2.1m (50Hz), 2.7m (60Hz)

Voltage / AC100V 50/60Hz

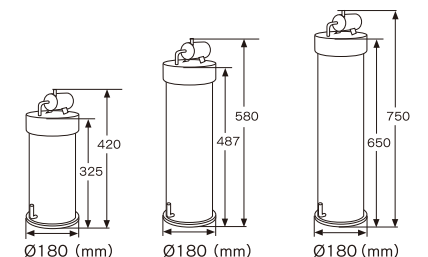
Standard Accessories /

For 36cm (H) : Lily Pipe P-2, New Lily Pipe V-3,

For 45cm (H) : Lily Pipe P-4, New Lily Pipe V-5,

Clear Hose Ø13 (12 / 16mm),

Hose Band Ø16x2, Stabilization matt (ES-600 only)



3. ES-600

4. ES-600EX

5. ES-600EX2



6. ES-1200

7. ES-1200EX

8. ES-1200EX2

Super Jet Filter ES-1200 Series

Super Jet Filter ES-1200 is a canister filtration system for aquariums from W90xD45xH60(cm) to W120xD45xH60(cm). ES-1200EX and ES-1200EX2 hold a larger volume of filtration media, and they are suitable for handling heavy filtration. ES-1200EX with 1.5 Times, and ES-1200EX2 with almost twice the capacity of standard ES-1200.

*For freshwater aquarium use only.

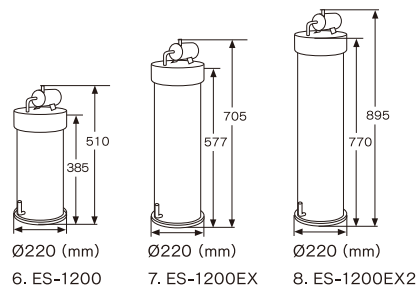
Number	Article Code	Item	Size	Capacity
6	105-1011	ES-1200	Ø220×H510mm	12 ℓ
7	105-1014	ES-1200EX	Ø220×H705mm	18 ℓ
8	105-1017	ES-1200EX2	Ø220×H895mm	24 ℓ

Filtration media /

- 6. ES-1200 Bio Rio M 8ℓ (supplied in net)
- 7. ES-1200EX Bio Rio M 13ℓ (supplied in net)
- 8. ES-1200EX2 Bio Rio L 18ℓ (supplied in net)

Common Specification

Flow Rate 16ℓ/min (50Hz) • 19ℓ/min (60Hz)
 Maximum Pump Head 2.4m (50Hz) • 3.4m (60Hz)
 Voltage / AC100V 50/60Hz
 Standard Accessories /
 Lily Pipe P-6 (Ø13) , New Lily Pipe V-7 (Ø17)
 Clear Hose Ø17 (15 / 20mm)
 Clear Hose Ø13 (12 / 16mm)
 Hose Band Ø16×2



9. ES-2400

10. ES-2400EX

11. ES-2400EX2

Super Jet Filter ES-2400 Series

Super Jet Filter ES-2400 is a canister filtration system for a W180xD60xH60(cm) aquarium. For larger aquariums, please install a multiple number of ES-2400 according to the size of the aquarium tank. This product has both high pump performance, ensuring strong water current and large capacity of filtration media. It allows highly efficient purification of the aquarium water in a large size aquarium tank.

* A bag of Bio Rio M or Bio Rio L is included in all filtration systems of the Super Jet Filter series, except ES-150, ES-300 and the standard type ES-600. Their pebble sizes are larger than commercially available regular Bio Rio.

*For freshwater aquarium use only.

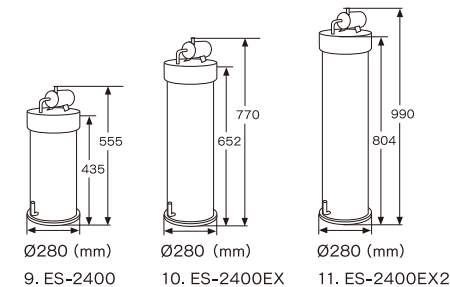
Number	Article Code	Item	Size	Capacity
9	105-1012	ES-2400	Ø280×H555mm	24 ℓ
10	105-1015	ES-2400EX	Ø280×H770mm	36 ℓ
11	105-1018	ES-2400EX2	Ø280×H990mm	48 ℓ

Filtration media /

- 9. ES-2400 Bio Rio L 16ℓ (supplied in net)
- 10. ES-2400EX Bio Rio L 28ℓ (supplied in net)
- 11. ES-2400EX2 Bio Rio L 37ℓ (supplied in net)

Common Specification

Flow Rate 27ℓ/min (50Hz) • 31ℓ/min (60Hz)
 Maximum Pump Head 3.1m (50Hz) • 4.3m (60Hz)
 Voltage / AC100V 50/60Hz
 Standard Accessories /
 Lily Pipe P-6 (Ø17) , New Lily Pipe V-7 (Ø20)
 Clear Hose Ø20 (19 / 25mm)
 Clear Hose Ø17 (15 / 20mm)
 Hose Band Ø20×2





Vuppa -I

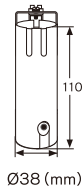
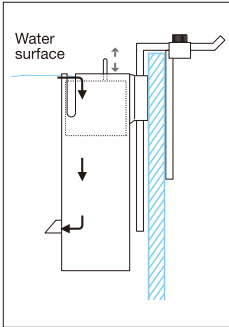
Vuppa-I is a stainless steel water surface extractor. With ADA's original structure developed over years, Vuppa-I removes the oil film floating over aquarium water effectively and maintains the water surface clean. It is designed for a wide range of aquarium size, from small to large, and also serves as a simple internal filter in small aquariums. It comes with Bio Cube.

105-801 Ø38×H110mm

*For fresh water only

*Patented product

*Voltage / AC100V 50/60Hz



Vuppa-I keeps the water surface of open aquarium clean.



Bio Rio

Bio Rio is the basic of biological filtration. With live bacteria on Bio Rio, Biological filtration starts quickly after the initial setup. Mainly made of pumice stone with a porous surface, which is ideal environment for beneficial bacteria to colonize. It also enables long, stable filtration.

105-001 1ℓ

105-002 2ℓ



surface area 1m²/ℓ

Bio Cube

Bio Cube is biological filtration media, made of polyurethane. It has a large surface area for microorganisms to colonize. Great durability for long and stable performance.

105-015 Black type 2ℓ

Characteritics of Filtration Media

	Bio Rio	Bio Cube	NA Carbon	Bamboo Charcoal	Clear Float
Effect	Biological Filtration	Biological Filtration	Chemical Filtration	Chemical Filtration Biological Filtration	Capture oil film Chemical Filtration
Material	Pumice Bacteria (in a dormant state)	Polyurethane	Activated carbon (with controlled pH level)	Charcoal of bamboo	Charcoal of mulberry



NA Carbon

NA Carbon has an outstanding absorption capability; its absorption rate is about 20 times higher than that of other conventional activated carbon products for aquarium use. Its cylindrical form promotes absorbing activities more effectively. Also works well to ease yellowing of the aquarium water. Produced by acid treatment, NA Carbon won't make the water alkaline.

105-014 750ml



Bamboo Charcoal

Absorption-filtration media made of refined bamboo-charcoal absorbent. Which is more solid and porous than general charcoals. Even after its absorption effect ends, Bamboo Charcoal still perfectly works as biological filtration media for a long period of time.

105-011 1ℓ



Clear Float

Clear Float captures oil films and organic particles floating on the water surface. Let this absorption-filtration material float on the water for a moment, and then remove it with a net after use. Oil film appears when sludges accumulate on the filtration media. To remove oil films more effectively, clean filtration media, and then use Clear Float.

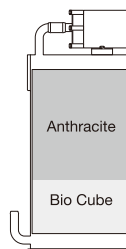
105-022 65ml

Setting Example of Filtration Medium

Example 1

■ Absorption Filtration

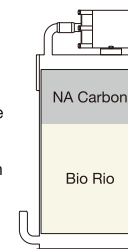
- Filtration starts quickly and has a very small risk.
- Be careful for clogging of anthracite.
- Anthracite and Bio Cube are included in ES-600



Example 2

■ Absorption & Biological Filtration

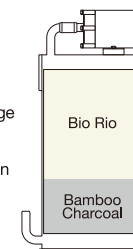
- Easily handle the change of aquarium condition.
- Needs special attention to the water condition at early stage.



Example 3

■ Biological Filtration

- Easily handle the change of aquarium condition.
- Needs special attention to the water condition at early stage.





Lily Pipe P (Outflow)

With the image of a lily flower, it looks elegant, yet it is also very functional. Lily Pipe creates an ideal water flow for the growth of aquatic plants. Handmade product, shapes are slightly different.

Article Code	Item	Pipe diameter (mm)	Outflow size (mm)	Filter flow rate (ℓ/min)	Aquarium size (cm)
102-411	P-1	Ø10	40	10	45
102-412	P-2	Ø13	40	10	45~60
102-414	P-4	Ø13	50	10	90
102-416	P-6	Ø13	60	10~20	120
102-4161	P-6	Ø17	60	20~30	180

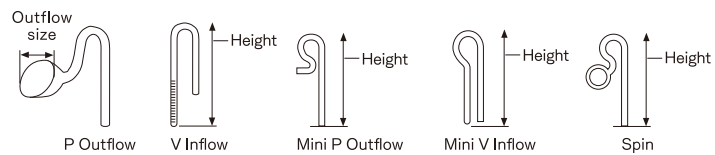


New Lily Pipe V (Inflow)

This simple straight design glass pipe has suction slits. For use with a frame-less aquarium tank. Due to its slit form, it has advantage of not to suck in the withered leaves easily. But please make sure to remove the leaves stuck on the suction slits.

Article Code	Item	Pipe diameter (mm)	Outflow size (mm)	Filter flow rate (ℓ/min)	Aquarium size (cm)
102-4032	V-3	Ø13	230	10	60
102-4052	V-5	Ø13	300	10	90
102-4072	V-7	Ø17	300	10~20	120
102-4073	V-7	Ø20	300	20~30	180

<Corresponding part to the spec>



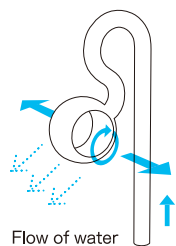
Sliding Lily Pipe Outflow above the waterline allows it to serve as an aerator.



Lily Pipe Spin

Lily Pipe Spin has a loop-shape outflow section. The water from external filter slows down while circling inside the loop portion and a gentle water flow appropriate for small aquariums is created. Lily Pipe Spin is also ideal for planted aquarium as it can be installed just by hanging it on the aquarium, without any suction cup, and generates gentle water flow inside the aquarium.

Article Code	Item	Pipe diameter (mm)	Height (mm)	Filter flow rate (ℓ /min)	Glass thickness (mm)
102-417	Spin P-1	Ø10	150	10	5
102-418	Spin P-2	Ø13	150	10	5~6



With the loop-shape outflow section that slows down the water, an adequately gentle water flow is created.



Lily Pipe Mini P (Outflow) / Lily Pipe Mini V (Inflow)

They are designed specifically for small-size aquarium tanks (glass thickness: 5mm or less). Very compact and no need for using suction cups. It makes suitable water current for growing water plants without disturbing the aquascape.

Article Code	Item	Pipe diameter (mm)	Height (mm)	Filter flow rate (ℓ /min)	Glass thickness (mm)
102-441	Mini P-1	Ø10	150	5	5
102-442	Mini P-2	Ø13	150	5	5
102-433	Mini V-1	Ø13	155	5	5
102-434	Mini V-2	Ø13	200	6	5



Clear Hose (3m)

A connection between a filter and Lily Pipe. It is also used with Metal Pipe.

Clear Hose

Article Code	Pipe diameter (mm)	Inner / Outer (mm)
105-302	Ø10	9 / 12
105-300	Ø13	12 / 16
105-303	Ø17	15 / 20
105-304	Ø20	19 / 25

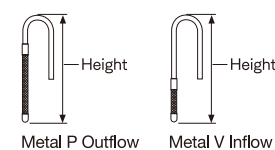


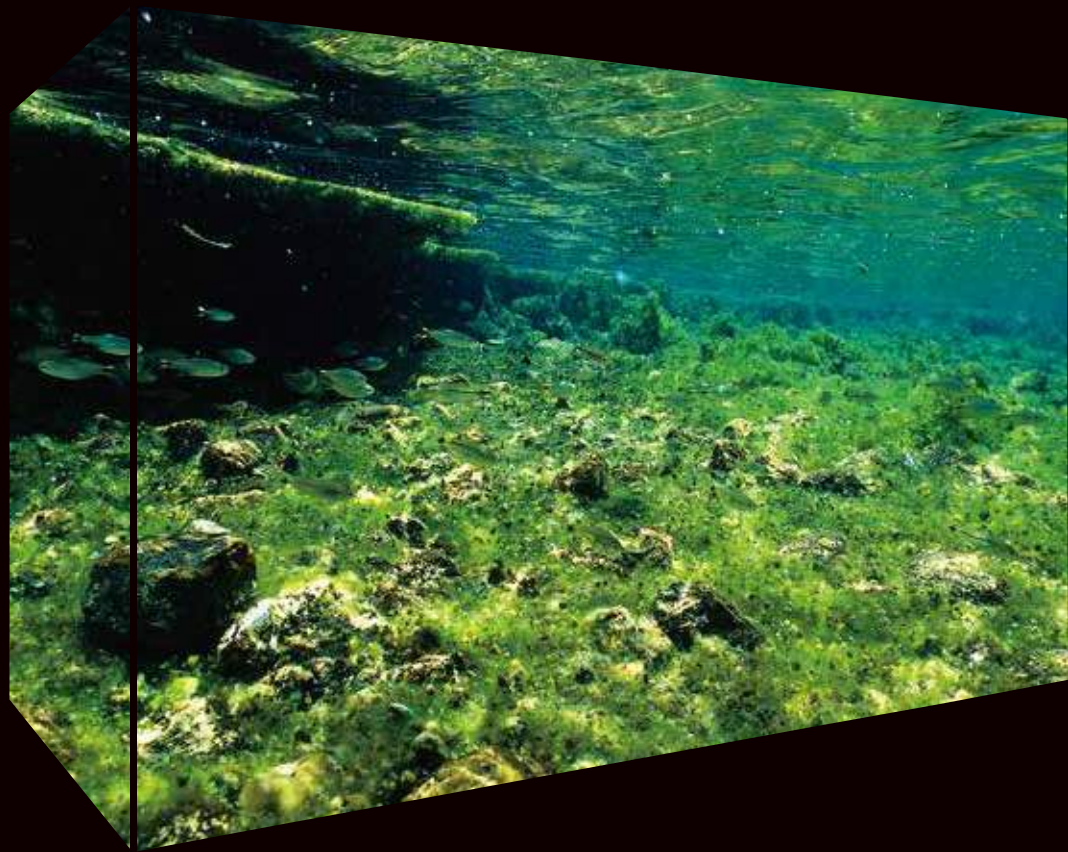
Metal Jet Pipe P (Outflow) / Metal Jet Pipe V (Inflow)

Stainless steel pipes with a detachable mesh strainer. The mesh strainer of the outflow pipe creates a gentle water stream, which is suitable to keep fish that does not like strong stream. For freshwater aquarium use only.

Article Code	Item	Pipe diameter (mm)	Height (mm)	Adapting Filter	Aquarium Height (cm)
105-121	P-1	Ø14	250	ES-600	36
105-122	P-2	Ø14	320	ES-600・ES-1200	45
105-111	V-1	Ø14	250	ES-600	36
105-112	V-2	Ø14	320	ES-600	45

<Corresponding part to the spec>





the pool type with no panel. Two different types were produced as a result of the pre-launch meeting in which all the staff except Amano opined that the support type would sell better, and only Amano expected that pool type would be preferred by aquarists. Most of the staff anticipated that pool type would not be accepted by many aquarists due to the absence of glass panels for installation of the glass cover. On the other hand, Amano had a different approach in his mind. He thought the glass cover issue could be solved by providing hooks specially designed for glass cover. In the end, frameless tank has become the mainstream as predicted by Amano and Cube Garden has gained widespread use. In this way, the image of aquarium tank was shifted from “an equipment just for keeping fish” to “a part of the interior design of living room”. Beautiful aquarium tank with truly natural aquascape does not serve as a barrier but it provides a link between fishes and human being.

the aquarium tank is much more obvious compared with the time when we look at it with our eyes. It blocks the boundless image of aquascape derived from the beautiful layout created within the aquarium tank and Amano could not overlook this issue. Later on, the Cube Garden series was released as a popular edition of ADA's ideal aquarium tank. Cube Garden is a frameless aquarium tank made by carefully bonding glass sheets with a minimum amount of silicon glue. After the launch of the Cube Garden series, frameless aquarium tank has become the mainstream among planted aquarium hobbyists in a very short time. It must have been shocking for them to see how different the aquascape looks in a different type of aquarium. There was an interesting episode for the launch of Japan's first frameless aquarium tank. At the initial release in 1996, ADA's frameless aquarium came in two different types, namely the support type with glass panels for glass cover and

Aquarium tank is not merely a rearing cage. ADA's concept for ideal aquarium tank is to keep fishes in a planted aquarium truly resembling a natural environment instead of having them in a tank just like keeping them in a confined cage. In such a natural aquarium environment, fishes hide in aquatic plants and swim freely in open space surrounded by rich plants. It is sufficient for us to appreciate the sights of fishes freely swimming around through the aquarium glass. In 1994, ADA's first original aquarium tank Cube Garden (now “Cube Garden Superior”) was launched. This aquarium tank appeared like a piece of water elegantly cut into a cube shape, which was totally different from conventional types of aquarium tanks. With his sharp sense as an aquascape photographer, Takashi Amano came up with the idea of making aquarium using German special heatproof glass sheets welded without silicon glue. On an aquascape photograph, the silicon line on the rear of



Cube Garden Superior

Cube Garden Superior is the ideal form of ADA aquarium tank. The concept is to show beautiful scenery maximally. German heat resistant glass is used and put together with high temperature.
(Made-to-order, Not correspond Metal Hook or Glass Cover)

Article Code	Size (cm)	Glass thickness (mm)	Capacity (ℓ)
102-804	W10×D10×H10	3	0,9
102-802	W20×D20×H20	3	7,6
102-806	W30×D30×H30	5	25
102-805	W45×D30×H30	5	38
102-801	W60×D30×H36	5	60

* Stainless-steel hook is NOT included.

* In some cases, the product may contain small air bubbles in glass joints due to product characteristics.



Cube Garden

Cube Garden is a standard type tank for Nature Aquarium. It's transparency is higher than previous model's. Gives more clear and beautiful presentation of aquascape. Produced by experienced craftsmen by hand.
(Glass Cover corresponds D type and E type)

Article Code	Size (cm)	Glass thickness (mm)	Number of hooks	Capacity (ℓ)
102-870	W30×D30×H30	5	4	25
102-865	W30×D18×H24	5	4	12
102-863	W36×D22×H26	5	4	19
102-8545	W45×D24×H16	5	—	16
102-8512	W45×D27×H30	5	4	34
102-8514	W45×D30×H45	6	4	56
102-871	W45×D45×H45	6	4	85
102-8555	W60×D30×H18	5	—	30
102-8522	W60×D30×H36	6	4	60
102-8524	W60×D30×H45	6	4	75
102-8534	W60×D45×H45	8	8	112
102-8532	W75×D45×H45	8	8	141
102-8543	W90×D45×H45	10	8	166
102-8554	W90×D45×H60	10	8	223
102-8553	W120×D45×H45	12	8	219
102-8563	W120×D45×H60	12	8	295
102-8562	W180×D60×H60	15	16	590



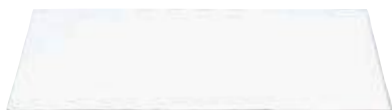
Cube Garden Mist

The tank has a sand-blasted glass in the back. By placing the tank in a well-lighted area, such as by the window, the back side glass diffuses the light softly, and makes aquarium bright. It matches very nicely with Cube Cabinet Mist 60.

Article Code	Size (cm)	Glass thickness (mm)	Number of hooks	Capacity (ℓ)
102-8801	W60×D30×H36	6	4	60



Mist (back)



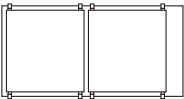
Cube Garden Glass Cover

This glass cover is designed for Cube Garden. Install the Glass Cover with supplied stainless-steel hooks to Cube Garden. Two types are available, one piece to cover whole part, D type and two pieces to cover whole part, E type. Choose proper Glass Cover depending on tank size.(there is no feeding hole or diagonal notched corner)

Article Code	Size (cm)	Glass Cover Size (mm)	Type
102-699	W30×D18×H24	240×163	D
102-692	W36×D22×H26	300×203	D
102-694	W30×D30×H30	240×283	D
102-671	W45×D27×H30	389×253	D
102-672	W45×D30×H45	386×281	D
102-695	W45×D45×H45	388×434	D
102-673	W60×D30×H36	528×281	D
	W60×D30×H45	528×281	D
102-681	W60×D45×H45	265×427	E
102-682	W75×D45×H45	340×427	E
102-686	W90×D45×H45 (for 10mm glass thickness)	412×426	E
	W90×D45×H60	412×426	E
102-687	W120×D45×H45 (for 12mm glass thickness)	560×422	E
	W120×D45×H60	560×422	E
102-688	W180×D60×H60	428×560	E

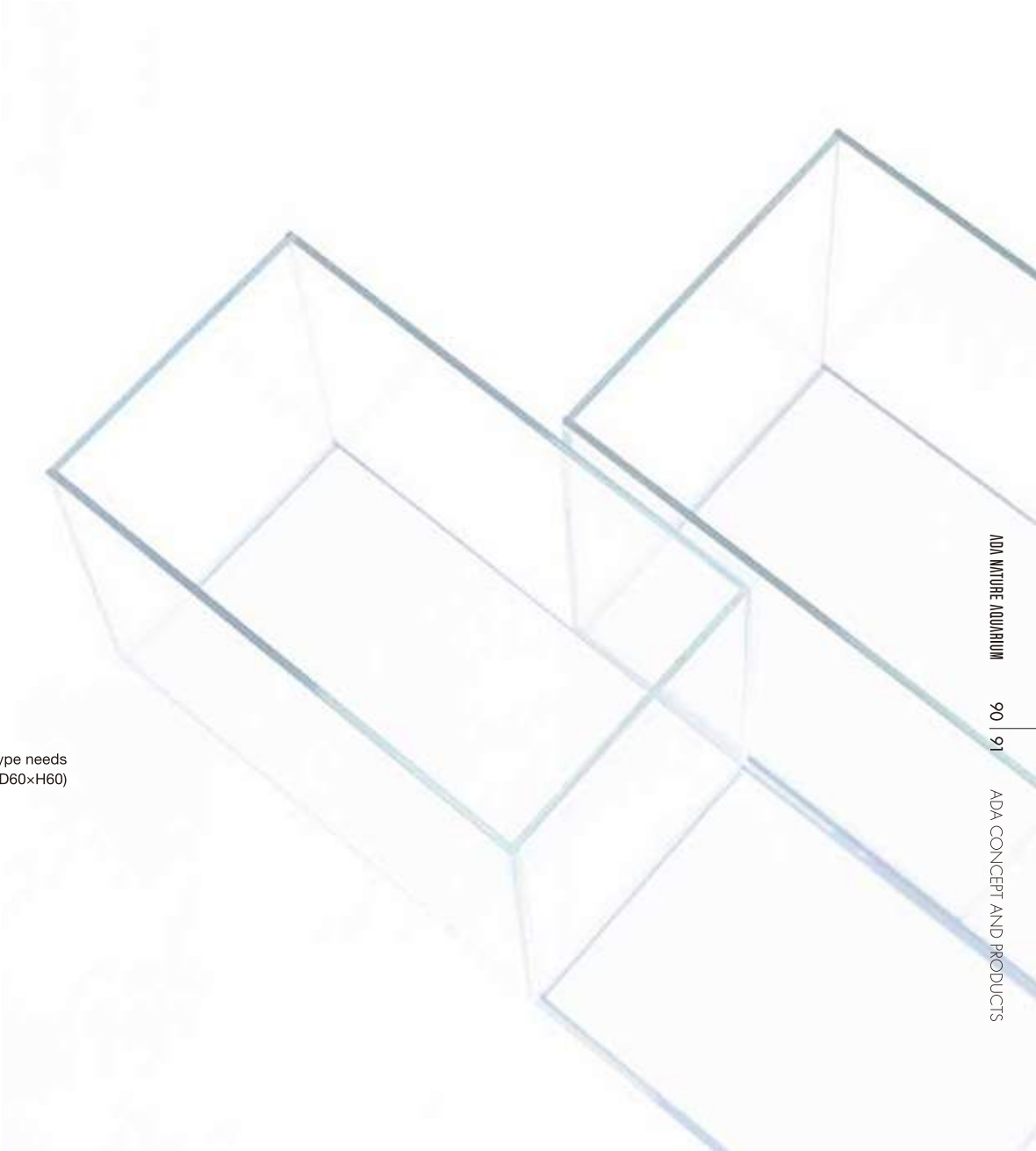


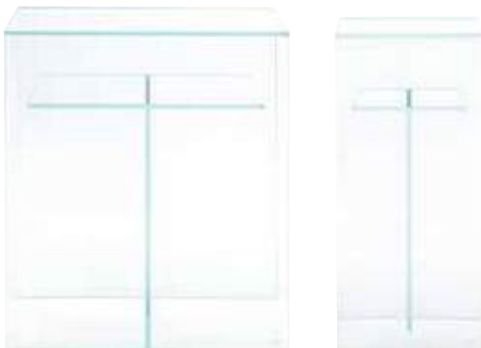
D Type



E Type

* D type needs 1 piece and E type needs 2 pieces (4 pieces for W180×D60×H60) to cover whole part.





Cube Cabinet Clear

Cube Cabinet Clear is an aquarium cabinet made of the same clear glass material as Cube Garden (Woodbase Board is an optional item). With its ultimately simple design, this cabinet perfectly matches Cube Garden and AQUASKY. For 60cm aquarium tanks, complete stand sets, including Solar I/Solar II Stand and Woodbase Board are also available. Please select product according to your lighting system.

Article Code	Item
108-616	Cube Cabinet Clear for W30×D30
108-617	Cube Cabinet Clear for W30×D18
108-618	Cube Cabinet Clear for W36×D22
108-619	Cube Cabinet Clear for W45×D27
108-620	Cube Cabinet Clear for W60×D30
108-612	Cube Cabinet Clear 60 (with Solar I Stand and Woodbase Board)
108-613	Cube Cabinet Clear 60 (with Solar II Stand and Woodbase Board)



Cube Cabinet Mist

This Cube Cabinet for 60cm tanks uses a sand-blasted glass for its rear plate. When installed in a well-lighted location such as a window side, Cube Cabinet Mist softly diffuses the light coming from the back. It is available with an optional Woodbase Board and also as the set that comes with Solar I/Solar II Stand. Please select product set according to your lighting system.

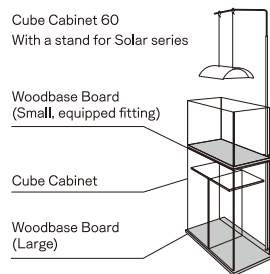
Article Code	Item
108-610	Cube Cabinet Mist 60
108-602	Cube Cabinet Mist 60 (with Solar I Stand and Woodbase Board)
108-603	Cube Cabinet Mist 60 (with Solar II Stand and Woodbase Board)



Woodbase Board

Woodbase Board is specifically designed for Cube Cabinet to provide enhanced stability. It allows the safe use of Cube Cabinet. For 60cm tanks, ADA offers a single bottom Woodbase Board and a set of top and bottom Woodbase Board. The set is for the installation of Solar I or Solar II, whereas the single board is suitable when using AQUASKY.

Article Code	Item
108-626	Woodbase Board W30×D30
108-627	Woodbase Board W30×D18
108-628	Woodbase Board W36×D22
108-629	Woodbase Board W45×D27
108-630	Woodbase Board W60×D30 (1unit)
108-631	Woodbase Board W60×D30 for Solar series (Small and Large)



* Cube Cabinet 60 may not be used for W60×D30×H45cm tanks. (It is exclusively designed for W60×D30×H36cm tanks)
* No lighting system is included in this product.



1



2



3



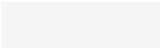




Wood Cabinet

Wood Cabinet is specially designed wooden cabinet for safely placing the Cube Garden. Its robust construction is durable against warp and quake. Simple design matches well with Cube Garden.

Plain Cabinet

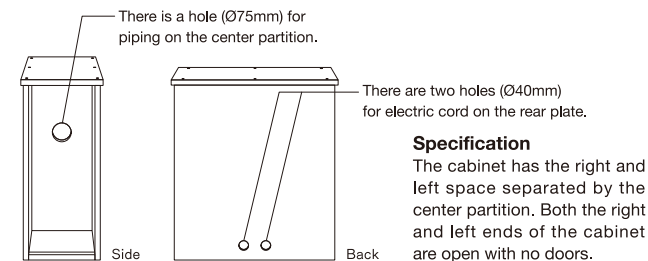
Plain Cabinet is a cabinet specially designed for safely placing the Cube Garden. It is made of the same materials as Wood Cabinet and comes in a simple design. There is a reinforcing partition in the center. Filters can be installed from both ends of the cabinet.

Wood Cabinet			Gun Metallic Silver	Black	Off White	Light Wood	Dark Wood
							
No.	Aquarium size (cm)	Cabinet Size (cm)	Article Code	Article Code	Article Code	Article Code	Article Code
1	W30×D18	W45×D25×H70	108-5391	108-5413	—	—	—
	W36×D22	W45×D25×H70	108-5392	108-5414	—	—	—
2	W45×D45	W45×D45×H70	108-5365	108-5362	108-5361	108-5363	108-5364
	W60×D30	W60×D30×H70	108-5315	108-5312	108-5311	108-5313	108-5314
	W60×D45	W60×D45×H70	108-5345	108-5342	108-5341	108-5343	108-5344
	W75×D45	W75×D45×H70	108-5355	108-5352	108-5351	108-5353	108-5354
3	W90×D45	W90×D45×H70	108-5325	108-5322	108-5321	108-5323	108-5324
	W120×D45	W120×D45×H70	108-5335	108-5332	108-5331	108-5333	108-5334
	W180×D60	W180×D60×H70	108-5385	108-5382	108-5381	108-5383	108-5384

Article Code	Item	Color	Cabinet Size (cm)
108-551	Plain Cabinet 45	Gun Metallic Silver	W45×D27×H70
108-552	Plain Cabinet 45	Black	W45×D27×H70
108-553	Plain Cabinet 45	Off White	W45×D27×H70
108-554	Plain Cabinet 60	Gun Metallic Silver	W60×D30×H70
108-556	Plain Cabinet 60	Black	W60×D30×H70
108-557	Plain Cabinet 60	Off White	W60×D30×H70

* This product may not be used for high-type aquarium tanks.

* Made-to-order



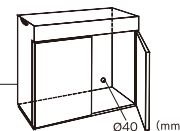
* Please make a contact with our local distributors for special processing for setting Cube Garden Overflow and Filter Sump.

* Made-to-order

* All Wood Cabinets are delivered in pre-assembled form.

Specification

Holes on both sides are for filter hose. There is a hole on right side of the back board for electric cord.





4



5

Wood Cabinet White (equipped with exclusive stand)

This is a Wood Cabinet that matches Solar I White. It becomes interior accessory and express freshness in a room. There are High and Low type. Low type is good for enjoying aquarium as sitting on the floor. It corresponds to W60×D30×H36cm aquarium tank and enables to arrange hose and tube neatly.

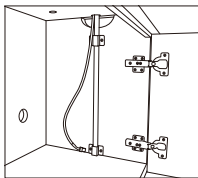
Number	Article Code	Item	Cabinet Size (cm)
4	108-5411	Wood Cabinet White Low type	W90×D40×H55
5	108-5412	Wood Cabinet White High type	W90×D40×H70

* This is for W60×D30×H36cm tank

* The above pictures are setting image.

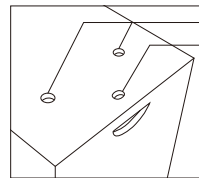
* The product does not include aquarium tank, glass pipes or lighting.

* This product is pre-assembled, and its exclusive stand will be installed in the fixed place.



Inside Cabinet

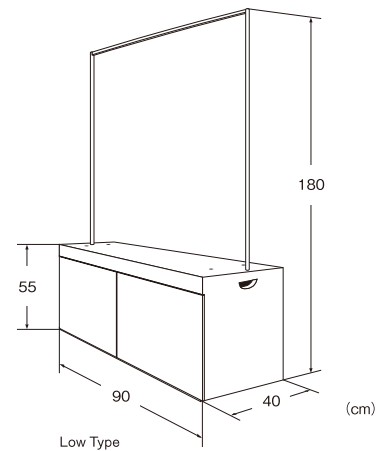
Brackets are set in the cabinet and it does not disturb whole appearance. Cord for lighting can be arranged neatly.



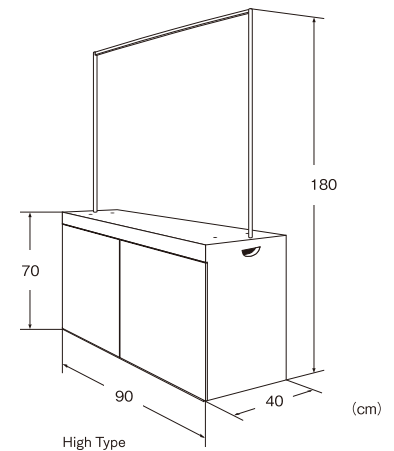
Holes for filter and CO₂
Hole for exclusive stand

Top side Cabinet

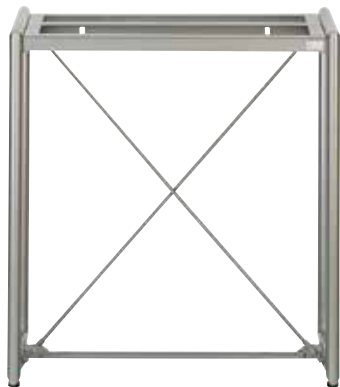
The holes for hoses of filter and special stands are already opened on the top side.



Low Type



High Type



Garden Stand

The rectilinear design aquarium stand, made by steel matches Cube Garden. Durable counter brace structure and height adjuster for leveling the Stand are equipped.

Article Code	Garden Stand Size (cm)	Color	Size (cm)
108-5021	60	Gun Metallic Silver	W66.2×D33.3×H71.1
108-5041	90	Gun Metallic Silver	W96.2×D48.3×H71.1

* This product is ready-to-assemble.



Garden Stand Rack

This is the optional rack designed for Garden Stand. You can place small CO₂ cartridge bottle and liquid fertilizers here.

Article Code	Garden Stand Size (cm)	Color	Size (cm)
108-5121	60	Gun Metallic Silver	W45×D11.5×H30
108-5141	90	Gun Metallic Silver	W70×D11.5×H30



Cube Garden Hook

Stainless steel hooks for placing the glass cover on Cube Garden. Select the right size according to the thickness of the aquarium glass.

Article Code	Thickness (mm)
102-8882	5mm
102-8883	6mm
102-8884	8mm
102-8885	10mm
102-8886	12mm

Contains 4 pcs / pack



Garden Mat

Garden Mat is designed to absorb impacts of distortion and quake. We strongly recommend to use Garden Mat with Cube Garden.

Article Code	Aquarium Size (cm)	Thickness (mm)
108-408	30×18	5
108-409	36×22	5
108-410	30×30	5
108-401	45×30	5
108-402	60×30	5
108-403	60×45	5
108-405	90×45	8
108-406	120×45	8
108-407	180×60	8

The mat is slightly bigger than aquarium.
Please cut to a proper size before installing.



Aqua Screen

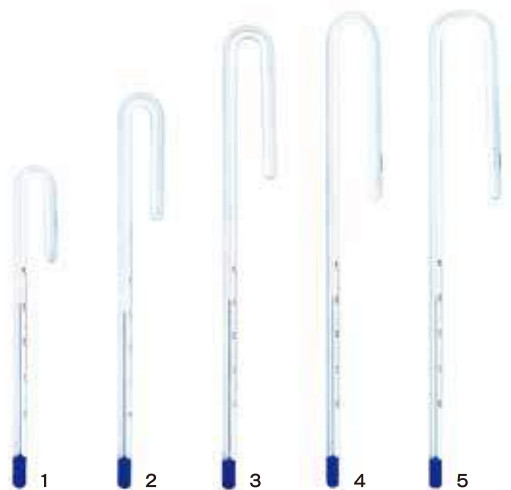
Aqua Screen is a colored vinyl screen sheet to decorate the back side of aquarium tank. Please select your preferred color according to your aquarium layout image or interior design. Non-translucent Normal type and translucent Clear type are available in Blue color. Black color is available for Normal type only.

Aqua Screen • Normal Type

Aquarium Size (cm)		Blue	Black
W60×H36	61×37	102-811	102-813
W90×H45	91×46	102-821	102-823
W120×H45	121×46	102-831	102-833
W90×H60	91×61	—	102-8231
W120×H60	121×61	—	102-8331
W180×H60	181×61	—	102-8431

Aqua Screen • Clear Type

Aquarium Size (cm)		Blue
W60×H36	61×37	102-814
W90×H45	91×46	102-824
W120×H45	121×46	102-834



NA Thermometer J

NA Thermometer J is a thermometer designed for the Nature Aquarium. White type is easy to read the scale, and sleek design matches with various types of frame-less tanks like Cube Garden. It can be easily installed on the edge of aquarium without using suction cup. Please select the size in accordance with the thickness of your aquarium.

No.	Article Code	Item	Thickness (mm)
1	102-001	J-05WH	5
2	102-002	J-06WH	6
3	102-003	J-08WH	8
4	102-004	J-10WH	10
	102-005	J-12WH	12
5	102-006	J-15WH	15

* Temperature Measuring Range: 0-40 °C (measurement deviation: within $\pm 1^{\circ}\text{C}$)

* Registered Design





teria. Growing beneficial bacteria within the substrate contributes to the healthy growth of aquatic plants. ADA's substrate system creates a "live substrate" rich in beneficial bacteria by a synergistic effect of various additives, such as Power Sand, Bacter 100 and Clear Super, and the base substrate material Aqua Soil made of natural soil containing abundant organic nutrients. In the meanwhile, ADA has been making a proposal of new substrate style to aquatic plant hobbyists in the world by showing the actual layout samples. It is the substrate having separate Aqua Soil and cosmetic sand sections. The layout expression using cosmetic sand, which is now very popular, was first created by Amano who was inspired by a beautiful landscape with green jungle and pure white sand at Rio Negro in the Amazon. Recently, the layout technique using cosmetic sand is often seen in many planted aquarium scenes including the International Aquatic Plants Layout Contest. With aquarists' diverse innovative ideas, there are numerous variations of such layout expressions now.

crocosm in view of the fact that various kinds of microorganisms interrelate with each other to maintain a permanent favorable environment. The substrate system of Nature Aquarium is modeled on the soil in nature. What is of particular importance in substrate is symbiotic relationship between plant roots and microorganisms. Plant roots can absorb limited types of nutrients (i.e., inorganic nutrients) only, but the substrate usually contains a lot of organic matters generated from fish feces and wilted plants. These organic matters are converted into inorganic matters by bacteria in the substrate. Therefore, these bacteria are essential for healthy growth of aquatic plants. For the aerobic bacteria, the area around the plant roots is a comfortable location to live because aquatic plants release oxygen produced during photosynthesis through their roots. The aquatic plants also exude certain kinds of organic matters through photosynthesis, which are eventually used by bacteria to feed on. As can be seen from these facts, there is a symbiotic relationship between the roots of aquatic plants and bac-

Sand has been used as the substrate in fish aquarium mainly for ornamental purposes such as production of better appearance and anchorage of aquatic plants. On the other hand, it is empirically known that fishes tend to live longer in aquarium with sand substrate. The sand had a water purifying effect thanks to the bacteria and other microorganisms which naturally colonize the sand surface and break down the water contaminants including fish feces. This system is close to ecosystem that can be observed in natural underwater environment. Nature Aquarium enhanced this effect of the sand and created a substrate system optimal for growth of aquatic plants. Fish feces accumulated on the substrate are broken down by bacteria and converted into nutrients that plants can absorb. Aquatic plants grow healthily by taking up these nutrients produced by beneficial bacteria within the substrate. These bacteria also help purify the aquarium water. This is exactly identical to the underwater ecosystem in nature. Natural soil containing an abundance of microorganisms is called mi-

SUBSTRATE SYSTEM

A System Learned from Nature.

底床



Power Sand

Power Sand is base substrate material designed for providing nutrients to the roots of aquatic plants and promoting growth of substrate bacteria. Porous volcanic stones secure the water circulation, and organic nutrients promote the growths of bacteria. Please select right size, S, M, L according to the depth of aquarium tank.

Article Code	Item	Volume	Depth of water tank
104-001	Power Sand S	2 ℓ	40cm or below
104-002	Power Sand M	2 ℓ	40cm to 60cm
104-003	Power Sand L	2 ℓ	over 60cm



S



M



L

Power Sand Special

Power Sand Special is the base substrate material with additional organic nutrients. Bacter 100 and Clear Super are blended for promoting the growth of bacteria. It is excellent for the plants actively absorbing nutrients from the roots, such as Cryptocoryne and easy to maintain for a long time. Please select right size, S, M, L according to the depth of tank.

Article Code	Item	Volume	Depth of water tank
104-011	Power Sand Special S	2 ℓ	40cm or below
104-012	Power Sand Special M	6 ℓ	40cm to 60cm
104-013	Power Sand Special L	18 ℓ	over 60cm



S



M



L

* Compared to normal Power Sand, Power Sand Special contains more organic nutrients of humus origin. It is effective for growing aquatic plants such as Echinodorus and Cryptocoryne which absorb nutrients actively from roots. It is also recommended for advanced users who are hoping to make a rich substrate

Setting example of 60cm tank.



Recommended usage of Power Sand and Aqua Soil

Tank Size (cm)	Power Sand	Aqua Soil
W60×D30×H36	2 ℓ	9 ℓ × 1
W75×D45×H45	4 ℓ	9 ℓ × 2
W90×D45×H45	6 ℓ	9 ℓ × 3
W120×D45×H45	8 ℓ	9 ℓ × 4
W180×D60×H60	18 ℓ	9 ℓ × 9



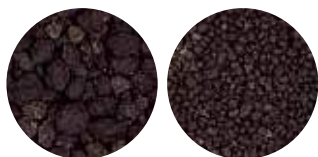
Amazonia Normal type

Amazonia Powder type

Aqua Soil-Amazonia

Amazonia is substrate material, rich in organic acid and nutrients, promoting the growth of aquatic plant roots. By combining with Power Sand, it becomes the ideal substrate for plants. Powder type is used for small size aquarium or for spreading lightly over the normal type Amazonia.

Article Code	Item	Volume
104-031	Amazonia Normal type	3 ℓ
104-051	Amazonia Powder type	3 ℓ
104-021	Amazonia Normal type	9 ℓ
104-041	Amazonia Powder type	9 ℓ



Amazonia
Normal type

Amazonia
Powder type



Aqua Soil-Malaya

Malaya is the substrate material produced with an image of ocher color soil in Southeast Asia. It promotes a natural feeling of the aquascape. Relatively soft granules do not obstruct the growth of plant roots, and it is suitable for keeping the aquarium layout for a long period.

Article Code	Item	Volume
104-032	Malaya Normal type	3 ℓ
104-052	Malaya Powder type	3 ℓ
104-022	Malaya Normal type	9 ℓ
104-042	Malaya Powder type	9 ℓ



Malaya
Normal type

Malaya
Powder type



Aqua Soil-Africana

Africana is substrate material produced with an image of reddish earth of Africa. Due to the nature of the base soil, the granular shape stays for a long period, and it also lowers pH level. Since the amount of organic matters is not as high as that of Amazonia, plants grow slowly in Africana soil.

Article Code	Item	Volume
104-033	Africana Normal type	3 ℓ
104-053	Africana Powder type	3 ℓ
104-023	Africana Normal type	9 ℓ
104-043	Africana Powder type	9 ℓ



Africana
Normal type

Africana
Powder type



Colorado Sand

Colorado Sand is natural sand in natural reddish color. It is suitable for general aquarium use and also good as cosmetic sand for planted aquarium. It has a wide array of uses without affecting water quality. It is great to place a thin layer of Colorado Sand on the bottom of a small aquarium with Wabi-Kusa.

Article Code	Volume
106-507	2kg
106-508	8kg



Colorado Sand



La Plata Sand

La Plata Sand is natural sand having natural bright color. It is suitable for general aquarium use and also good as cosmetic sand for planted aquarium. With its natural white color, La Plata Sand creates an atmosphere of natural river bed in aquarium. It does not affect the Water quality parameter.

Article Code	Volume
106-505	2kg
106-506	8kg



La Plata Sand



La Plata Sand Big

The grain size is larger than normal La Plata Sand. With different sizes of grains, La Plata Sand Big adds a natural feel to the layout just by placing it in an aquarium. Besides using La Plata Sand Big only, it can be mixed with normal La Plata Sand for a variety of layout expressions.

Article Code	Volume
106-509	2kg
106-510	8kg



La Plata Sand Big

Setting Example of Substrate

Sand
(cosmetic sand)

Aqua Soil
(soil for substrate)

Power Sand
(nutrient for substrate)



*Please rinse well before using Colorado Sand
La plata Sand and Aqua Gravel.



Aqua Gravel

Aqua Gravel is natural river gravels that don't raise the hardness of the aquarium water. You can spread it directly inside the aquarium tank and use as base sand. (Usable for bottom filter)

Article Code	Volume	Size
106-501	2kg	S
106-5011	8kg	S
106-5012	15kg	S



Aqua Gravel S





Bacter 100

Bacter 100 is a substrate additive, containing more than 100 kinds of substrate bacteria in a dormant state. By sprinkling on the base substrate, it can make an ideal substrate environment. By applying on top of blue green algae, it suppresses the growth of it.

104-111 100g



Bacter 100



Clear Super

It is a substrate additive made from activated carbon and organic acid. Clear Super helps the growth of microorganisms. By sprinkling on the base substrate, it promotes the growth of microorganisms in the substrate, and stabilizes the environment.

105-021 50g



Clear Super



Tourmaline BC

Tourmaline BC contains fine bamboo charcoal, absorbing organic pollutant substances and tourmaline. Add some over the substrate during the initial set-up, and it will help to improve the substrate environment.

104-113 100g



Tourmaline BC



Bacter Ball

Bacter Ball is a sphere shape substrate additive made from Bacter 100. You can place it on the substrate and inside the biological filtration system. It helps keeping healthy condition of fish and shrimp nibbling on Bacter Ball.

104-112 18 pieces



Bacter Ball



The substrate additives are designed to be sprinkled directly on the bottom of aquarium tank before spreading the base substrate. They keep the substrate environment in good condition, and promotes the propagation of microorganisms, and the growth of aquatic plant roots. With the help of additives, the substrate environment stabilizes quickly, and it makes possible to keep the aquarium layout for a long period.



PENAC W

PENAC W is a substrate additive. It prevents the substrate from becoming anaerobic and improves the substrate environment. It also can be added directly in case of oxygen shortage in the tank.

150-003 200g



PENAC W



PENAC P

PENAC P is a substrate additive for improving the soil quality. Add it when setting up the substrate, and it can help plants to spread roots and promote their healthy growth. This product is effective especially when growing rosette-shape plants, such as Cryptocoryne and Echinodorus, which tend to spread roots in the substrate.

150-005 200g



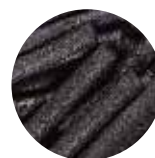
PENAC P



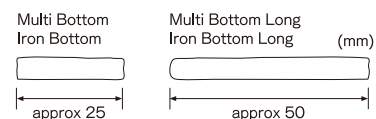
Multi Bottom

Multi Bottom is a stick of nutrients with balanced formula of trace elements, which are vital for aquatic plant growth. To keep an aquascape for a long time, insert Multi Bottom in the substrate as a nutrient supplement.

104-103 Multi Bottom (30 pcs)
104-104 Multi Bottom Long (30 pcs)



Multi Bottom



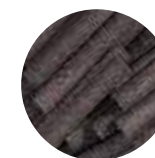
Using Bottom Release is recommended when inserting Multi Bottom and Iron Bottom into the substrate.



Iron Bottom

Iron Bottom is a stick of nutrients with balanced formula of trace elements and coated iron. It is recommended for the growth of Echinodorus and Cryptocoryne, which mainly absorb nutrients from the roots.

104-101 Iron Bottom (30 pcs)
104-102 Iron Bottom Long (30 pcs)



Iron Bottom



year has passed, aquarium water becomes increasingly acidic and plant growth also becomes less vigorous. In this period, Green Brighty STEP3 containing trace elements and potassium should be added to aquarium to promote photosynthesis and growth of roots. It is also important to apply Brighty K together with the Green Brighty STEP series. Potassium promotes photosynthesis and helps aquatic plants grow healthily. Healthy growth of aquatic plants can contribute to long-term maintenance of beautiful aquascape. Besides the Green Brighty STEP series (world's first liquid fertilizer for aquatic plants formulated with desalinated deep seawater, 2002), ADA offers a wide lineup of additives including the Green Brighty Special series for special environments deficient in nitrogen and phosphorus and Green Bacter, Green Gain, ECA and Phytton Git providing solutions for aquarium maintenance problems. All of them were developed with ADA's rich experience in long-term maintenance of actual Nature Aquariums and supported by ADA's accumulated know-how.

tassium and trace elements tend to be scarce and thus need to be supplied. This approach is a useful tip for healthy and beautiful growth of aquatic plants and it is very different from growing of terrestrial plants that requires nitrogen and phosphorus fertilization. In Nature Aquarium, fertilization is done by ADA's unique "Step Method" using Green Brighty STEP1-3 mainly for supplement of potassium and trace elements. The environment within the aquarium is not always constant. The types and amounts of nutrients to be added must be fine-adjusted according to the condition of the aquarium and density of aquatic plants. For the first three months after the initial setup of the aquarium, Green Brighty STEP1 containing well-balanced trace elements should be applied with a focus on promoting the new leaf growth. During the period of three months to one year from the initial setup when aquatic plants grow vigorously, Green Brighty STEP2 containing more iron vital for the plant growth should be applied to maintain and enhance the leaf colors. When about one

Once the requirements on light, CO₂ and water quality are all satisfied, the last remaining know-how required for growing aquatic plants is fertilization using liquid fertilizers. The inherent beauty of aquatic plants cannot be appreciated if liquid fertilizers are not applied adequately due to the fear of algae. The color and brightness of aquatic plant leaves greatly vary depending on their nutrition status. Aquatic plants require three major nutrients, namely nitrogen, phosphorus and potassium, and essential trace elements such as iron, magnesium and calcium. Supplying the right amount of these nutrients is an important point in the healthy growth of aquatic plants without algae problems. Firstly, we need to have a correct understanding on the excessive and deficient nutrients within aquarium. Usually in aquarium, nitrogen and phosphorus are constantly released from fish and shrimp feces, withered aquatic plant leaves, unconsumed fish food and substrate materials. For this reason, there is no need to add nitrogen and phosphorus to the aquarium. On the other hand, po-

LIQUID FERTILIZERS & ADDITIVES

Know-How Accumulated through Experience.

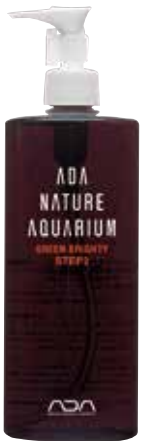
栄養素



Green Brighty STEP 1

STEP 1 contains well-balanced trace elements and promotes the new leaf growth at initial stage. We recommend STEP 1 for initial stage to the 3rd month after the setup.

103-0012	STEP1	250ml
103-001	STEP1	500ml
103-0011	STEP1	5,000ml



Green Brighty STEP 2

STEP 2 contains more iron ingredient, vital for the plant growth period. It is recommended for the period from the 3rd month to 1 year after the set-up.

103-0022	STEP2	250ml
103-002	STEP2	500ml
103-0021	STEP2	5,000ml



Green Brighty STEP 3

STEP 3 contains trace elements with iron and potassium, which helps the root growth. We recommend STEP 3 for the layout of 1 year or older.

103-0032	STEP3	250ml
103-003	STEP3	500ml
103-0031	STEP3	5,000ml



Brighty K

Brighty K is a liquid fertilizer supplying potassium, which tends to be in short supply in the planted aquarium. It is also used for chlorine neutralization at a regular water change.

103-0212	250ml
103-021	500ml
103-0211	5,000ml

Liquid Fertilizer Utility

	STEP1	STEP2	STEP3	K	LIGHTS	SHADE
Nitrogen					◎	○
Phosphate					◎	○
Potassium			○	◎	○	◎
Iron	○	◎	◎		○	○
Trace elements	◎	○	◎		○	○
Chlorine neutralization				○		
Dosage Guide	Initial setting to 3rd month / Daily	3rd month to 1 year / Daily	1 year or older / Daily	At a water change / Daily	For sun plants	For shade plants



* Desalinated deep seawater is used as a base of Green Brighty series. It promotes nutrient absorption of aquatic plants, and has an effect of developing good leaf coloration.

* Liquid fertilizer, Green Brighty series adopts a push-nozzle for easy nutrient supply. One-push is equivalent to 1ml supply.



Green Brighty Special LIGHTS

This is a liquid fertilizer for fast growing sun plants, such as Riccia or stemmed plants. It contains a balanced nutrient formula, necessary for the sun plants, and it is very effective for leaves with nutrient deficiency.

103-0112	LIGHTS	250ml
103-011	LIGHTS	500ml
103-0111	LIGHTS	5,000ml



Green Brighty Special SHADE

SHADE is a liquid fertilizer designed for shade plants such as Cryptocoryne. A rich potassium promotes the root growth. It is also used for a potassium supply of the layout preferring low KH level.

103-0122	SHADE	250ml
103-012	SHADE	500ml
103-0121	SHADE	5,000ml

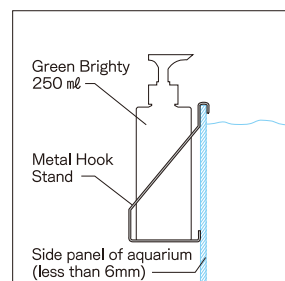


Metal Hook Stand

This stand is for keeping a bottle of liquid fertilizer on the side of tank. It can be set below 6mm thickness of ADA tank. It makes access quickly when in needs. (liquid fertilizer is optional)

101-210	for Green Brighty 250 ml
101-209	for Green Brighty 500 ml
101-211	for Aqua Conditioner series

* For Aqua Conditioner series (101-211) is also used for keeping a be-series liquid (Do aqua).

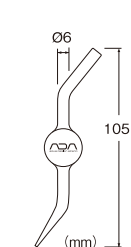


Green Drop

Green Drop is a glass-made tool making liquid fertilizer supply simple and easy. By connecting Green Drop and fertilizer nozzle with a tube, you can provide nutrients into the aquarium tank in various forms.

102-511	Green Drop
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Content /
Green Drop
Air tube Ø4 (4cm × 2)
Air tube Ø2 (70cm × 1)
Green pipet glass
Green pipet needle
Suction cup (Clear × 4, Gray × 4)



The usage image of Green Drop



* Liquid fertilizer, Bottle Base and aquarium are optional.



Bottle Base

Bottle Base is stainless steel stand for liquid fertilizer. It holds a bottle stable while using Green Drop.

101-205	Bottle Base
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* Designed exclusively for
Green Brighty series 500 ml bottle



Green Bacter

Green Bacter is an additive, made from organic acid and designed for promoting the growth of filtration bacteria. It is effective for the aquarium in its initial set up period and after a regular water change.

103-101 50ml
103-1011 500ml



Green Gain

Green Gain is an additive helping the plant spread new leaves after trimming. It contains trace elements extracted from sea weed and plant hormone. It reduces stress of plants and enhances their growth.

103-102 50ml
103-1021 500ml



Phyton Git

Phyton Git is a formula mainly produced from sterilizing ingredient extracted from plants. It is suppressing the fern disease and effective for removing blue green algae.

103-103 50ml
103-1031 500ml



ECA

ECA contains rich iron and organic acid promoting the nutrient absorption process of plants. It is highly recommended for treating color-loss of plants.

103-104 50ml
103-1041 500ml

Additives Utility

	Green Bacter	Green Gain	Phyton Git	ECA (Effective Composite Acid)
Activation of effective bacteria	◎		○	○
Phytohormone that promotes growth of water plant		◎		
Organic acid (Amino acid, for example) necessary for plant growth	○	○		◎
Iron composite necessary for reddish plants				◎
Promoting secretion of anti-germ substances			◎	
Removal of blue green algae			◎	



Additives series, used for keeping aquarium environment, are contained in an eye drop container, which is easy to supply a small amount in the aquarium. Like liquid fertilizer series, economical large volume bottles are also available for refill.

* Please follow the suggested dosage amount on the instruction manual for the first time use. Then adjust the supply amount depending on the aquarium condition after getting the knack of it.



Chlor-Off

Chlor-Off is a chlorine neutralizer for removing free chlorine in tap water. It makes water change risk-free even during winter when chlorine level contained in the water gets higher.

103-031 250ml
103-0311 5,000ml



Clear Dash

Clear Dash is a flocculant, which eliminates the cloudiness of the aquarium water. Please use Clear Dash in the aquarium with external filter.
(* Freshwater Use Only)

103-032 250ml
103-0321 5,000ml



Vitamix

Vitamix is a supplement with various vitamins keeping the fish's health condition. It also relieves the stress the fish feel right after being released in the aquarium tank.

103-033 250ml
103-0331 5,000ml



Black Water

Black Water is an additive mainly produced from humic acid. It recreates the water of the tropical rainforest. Also, it reduces stimulation such as the light and helps settling down the fish.

103-034 250ml
103-0341 5,000ml



Rio Base

Rio Base is an additive detoxifying the heavy metal contained in tap water. It has mucosa protection ingredient, various vitamin and humus acid, and protects fish branchia and body surface.

103-035 250ml
103-0351 5,000ml

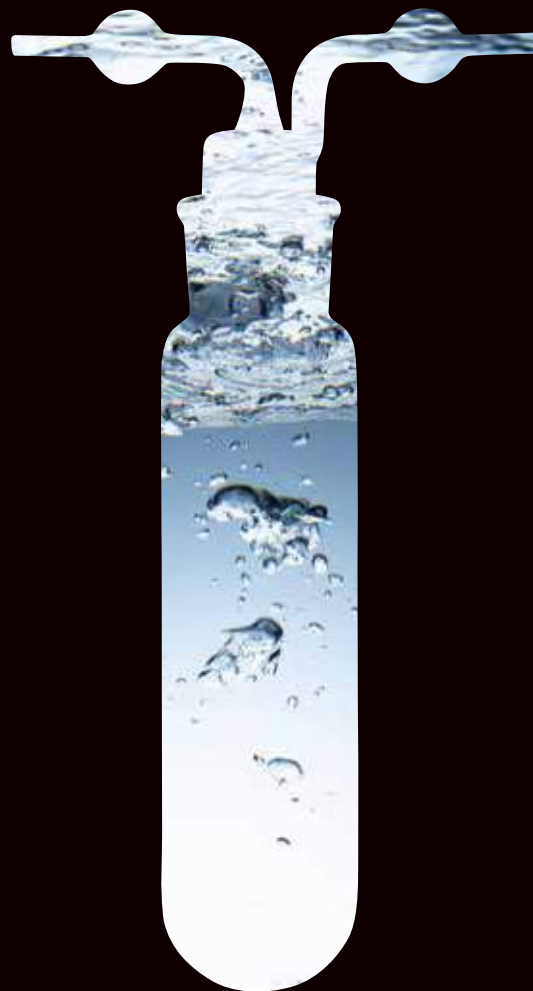
Aqua Conditioner Utility

		Chlor-Off	Clear Dash	Vitamix	Black Water	Rio Base
Removing unnecessary substances	Neutralization of free chlorine	◎				
	Detoxification of harmful heavy metal ion					◎
	Removing the cloudiness of the water		◎			
Adding necessary substances	Organic colloid protecting mucosa				○	◎
	Vitamin for the fish health			◎		○
	Stress easing of fish by humus elements				◎	○
	Boosting the plant immunity					○



Aqua Conditioner series adjusts water quality and tap water and maintain the health of fish and invertebrates in the aquarium. Please provide a suitable product depending on the aquarium condition at the time of water change.

* Aqua Conditioner bottles have internal dropper for preventing oversupply. Please pour appropriate amount into the cap and supply to the aquarium.



no preparation and is hassle-free. Another advantage of Pack Checker is the very short time required for measurement. Water quality measurement is very often perceived as troublesome and avoided by many people. However, it is a crucial practice to improve the skills required for aquarium which always involves water management. Particularly for the first two to three weeks in the initial stage of aquarium, bacteria do not function fully and highly toxic and water-polluting ammonia and nitrite can often be detected. Therefore, it is very important to conduct water quality measurement to accurately monitor the changes in water quality during this period. As you read the measurement results, you can judge the activity level of the bacteria and will eventually be able to tell the aquarium water condition just by looking at it. Aquarium starts with knowing water. And then, water is “created” and monitored. Water adds sparkle to the lives of all living beings. But once the environmental balance is lost, water deteriorates and it leads to environment not conducive to living beings. This system of nature also applies to small aquariums.

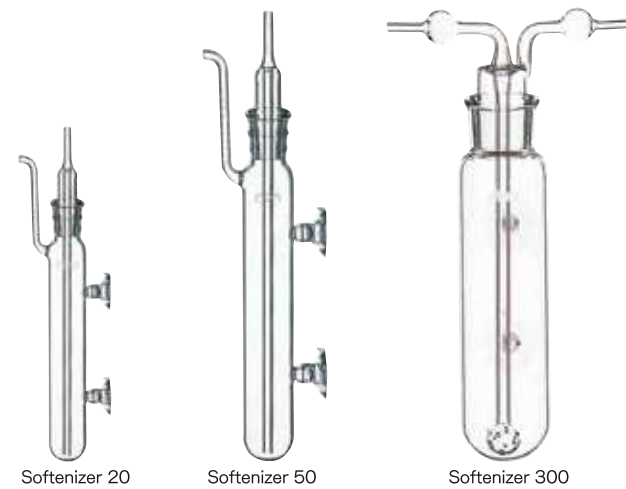
into account general preference of aquatic plants, it is advisable to reproduce mildly acidic soft water in the aquarium. Water temperature is not a big issue since it can be easily controlled by anyone with a heater equipped with thermostat function and whether the aquarium water is within the appropriate temperature range can be easily known by referring to a thermometer. On the other hand, it is hard for beginners to monitor other water quality parameters such as pH and total hardness, since they change by layout materials and additives used, CO₂ injection amount and many other factors and such quality change cannot be identified by the appearance of water. Then, how can the beginners monitor the water quality? The solution is ADA's water quality testing kit Pack Checker. With this kit, everyone can conduct a full-scale measurement of water quality parameters with ease just by sucking up the aquarium water into the pack tube. The Pack Checker series covers the parameters of pH, TH, NH₄, NO₂, NO₃, PO₄, COD and ClO. Unlike conventional type of testing kits, measurement of NH₄ using Pack Checker requires

Crystal clear water provides relaxation to everyone who sees the aquarium. In the world of aquarium, this water is called “mature water”. Not only being clear, mature water appears shining. As you accumulate experience in aquarium, you can know the maturity of the water the moment you see it. Aquarium beginners may feel all the aquarium water look the same, but experienced aquarists will be able to tell the difference in water using their visual sense and accumulated experience. In fact, aquarium water differs depending on the activities of water purifying bacteria. The water of an aquarium with abundant bacteria and healthy, lush aquatic plants appears shining thanks to the biological filtration functions. And this is the essence of how aquarium water should be. Tap water is clean and very clear, but it is not suitable for growing fishes and aquatic plants. Residual chlorine in tap water is harmful to living organisms and thus needs to be neutralized. Besides this, it is also important to ensure that the water has the quality appropriate for aquarium in terms of water temperature, pH and total hardness. Taking

WATER CONDITION & TREATMENT

Sparkle of Life Brought by Water.

水質



Softenizer

They are designed for softening hard water. The ion-exchange resin inside the Softenizer is stirred up with the outflowing water from the canister filter system. It effectively lowers the hardness of the water. Three sizes are available according to the size of the aquarium tank and the water quality. The appearance of working resin is beautiful visually and does not disturb aesthetic of the aquascape.

Softenizer	20	50	300
Diameter	Article Code	Article Code	Article Code
Ø10mm	102-301	102-311	—
Ø13mm	102-302	102-312	102-322
Ø17mm	—	102-313	102-323

Contents /
Softenizer (with suction cup)
Ion-Exchange Resin (250ml)
Adapter
One-way cock
Silicone tube

Softenizer 20 : Aquarium tank 60cm in length or less /
Water with lower total hardness
Softenizer 50 : Aquarium tank 60-90cm in length /
Water with slightly high total hardness
Softenizer 300 : Aquarium tank 90cm in length and above /
Water with high total hardness



Ion-Exchange Resin

Softener Ion-Exchange Resin

Reusable refill of Ion-exchange resin for Softener. You can use this product repeatedly for a long period of time: for recovery, soak it into salt water. Please replace the resin once its surface becomes worn out and dried.

102-331 250mℓ

Necessary amount:

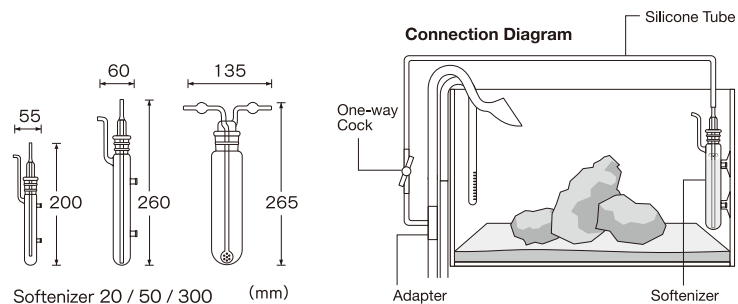
Softener 20 / approx 20mℓ

Softener 50 / approx 50mℓ

Softener 300 / approx 250mℓ

* Approximately 40mℓ of Resin is necessary to lower the hardness level by 1°dH of every 100ℓ of water.

* For recovering a 100mℓ of resin, mix in the water with 20g of salt, and leave it for about an hour. Then replace the water and remove salt.



Drop Checker

A glass-made instrument created specifically for examining the CO₂ level of aquarium with simple procedure. Add some pH reagent and aquarium water to Drop Checker. Then, set it inside the tank .

103-302 Drop Checker

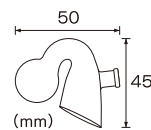


Insufficient **Optimum** **Excessive**

It is easy to check CO₂ level by changing color of reagent

* Includes a pH reagent (5mℓ)

* In case the reagent turns yellow from the beginning, due to the low pH value in the aquarium, the reagent color does not change even after adding further CO₂. In such a case, please make a water change for raising pH level, and make sure the reagent turns blue or green before resetting Drop Checker in the aquarium.





Pack Checker pH

With this product, it is very easy to measure the level of pH: just pump the water into a tube. Most water plants and tropical fish prefer soft and slightly acidic water. Please check the pH level before releasing the fish into the aquarium and during regular water changes.

103-201 5 packs

* Measurement range / pH5.8-8.0
 * Do NOT use for marine aquarium



Pack Checker TH

TH(Total Hardness of water) is the sum of some multivalent cations, such as calcium ions, in water. When the TH level is high, the color of new leaves starts fading and the growth of the plants is disturbed. Please always check the level of TH after setting new stones or gravels in your aquarium.

103-202 5 packs



Pack Checker NH₄

Ammonium is from organic matter, such as unconsumed fish food or excretion of fish, and it changes to a high toxicity ammonia when the water quality becomes alkaline. Ammonium disappears once biological filtration works normal. This product helps you to know when the biological filtration starts working properly.

103-206 5 packs



Pack Checker NO₂

Nitrite formed from ammonia is harmful to aquatic creatures, such as fish and shrimp. The level of NO₂ in the tank goes up right after the initial set-up of the aquarium and when the biological filtration becomes unstable. Excellent for examining the condition of the filter system.

103-203 5 packs



pH Kit

A reagent kit for examining the base of water quality, the pH level. You can check the water quality by using this kit with or without Drop Checker. Including a pH color sample card and a measuring cup.

103-303 5ml



Anyone can measure accurate water condition with Pack Checker by sucking the water into a tube.



Pack Checker NO₃

When the biological filtration of the aquarium is working properly, nitrite quickly decomposes into harmless nitrate. It becomes an important nutrient for the water plants. Yet, the excess amount of nitrate in the water promotes algae growth.

103-207 5 packs

* Do NOT use for marine aquarium



Pack Checker ClO

The amount of chlorine residue in tap water varies by locality and temperature. It is very important to check if the water is neutralized properly on regular basis. A close observation of the ClO level is recommended during winter time when the amount of chlorine residue is higher.

103-205 5 packs



Pack Checker COD

The organic matter from the leftover fish food and excretion of fish contaminates the water, and also causes the algae and germs inside the aquarium. COD is one of the indicators which tells the degree of water deterioration. When the aquarium is dirty or has too many fish inside, we see the high level of COD.

103-204 5 packs

* Do NOT use for marine aquarium



Pack Checker PO₄

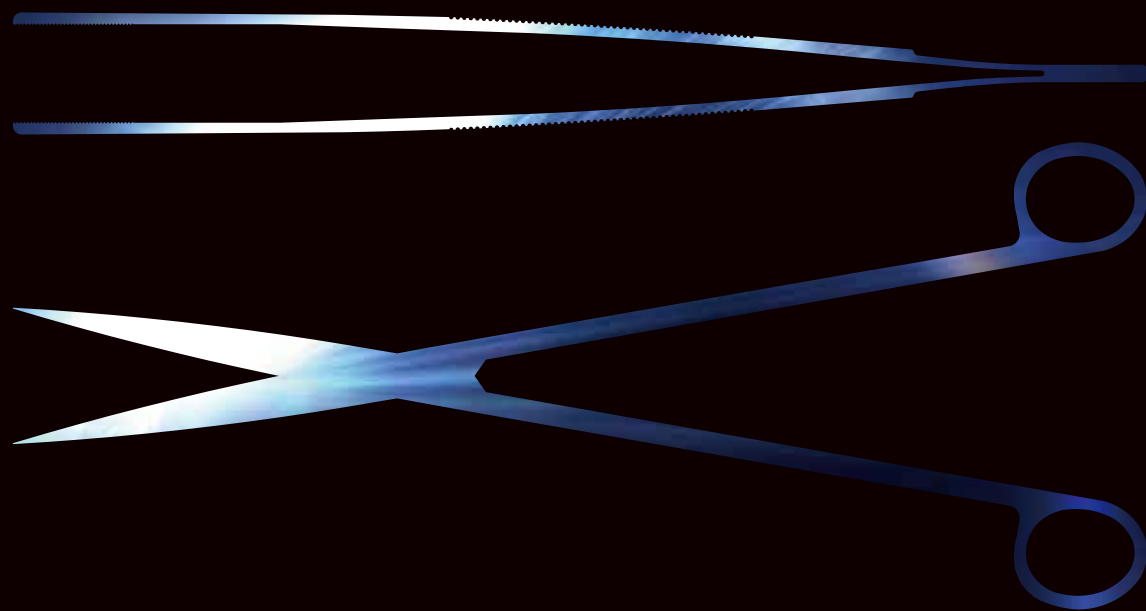
Phosphate, produced from leftover fish food and wastes, is one of reasons of algae growth. Therefore, there is a possibility Phosphate is accumulated in the aquarium due to the overpopulation of fish or too much feeding. Please check the PO₄ level, and make a necessary water change.

103-208 5 packs

* Do NOT use for marine aquarium

The purpose of Pack Checker

	pH	TH	NH ₄	NO ₂	NO ₃	ClO	COD	PO ₄
Confirm the safety of tap water	○	○				◎		
Confirm proper biological filtration			◎	◎	○			
Confirm the timing of water changing					◎		◎	○
Confirm the safety before releasing fish in tank	◎	○	○	○				
Check the reason of water plants do not grow well	○	◎						
Check the reason of algae growth				○	○		○	◎



and give us a fulfilling time. When we touch Trimming Scissors, we can feel their perfect fit in our hand and get so excited that we can hardly wait to trim the aquatic plants. ADA's layout tools have evolved into more sophisticated professional tools as per their applications. This evolution is not only in terms of design. The layout tools have been developed into the present form through all possible improvements including achievement of lighter weight for enhanced workability, slip-proof finishing and adoption of tungsten steel for sharper edge. Since the release of the 20th Anniversary edition of layout tools with special print design in 2012, ADA has further made proposals for better enjoyment of hobby including the launch of layout tools with different print patterns to be released in 2013 and 2014. To enjoy your hobby, it would be great to have quality tools which can last long. The value of a genuine stuff will show itself in a form of "user's attachment" over a long period of use.

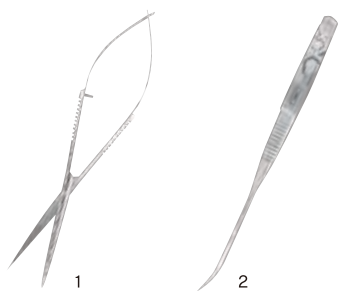
extremely hard. Unlike ordinary scissors, it took a lot of time and efforts to make Trimming Scissors having long and sharp blades and featuring outstanding sharpness, especially in the process of grinding, blade hardening and ridged finishing of handles. Blade tips alignment was one of the hardest parts and the pursuit of perfect alignment by way of re-hardening resulted in fragile scissors. According to the craftsmen engaged in the production of these scissors at that time, they used their very maximum expertise to make the scissors, even to the extent that it almost reached their limit. In such a circumstance, the product inspection criteria were reviewed many times. After making all these efforts, ADA's Pinsettes and Trimming Scissors were finally launched in 1993 as layout tools for professional use. These tools not only offered exceptional workability but also provided value as "a tool to enjoy Nature Aquarium as a hobby". Having professional tools and fully utilizing them are one of the best parts of enjoying hobby

In "Glass no Naka no Daishizen", the complete aquascape works of Takashi Amano published in 1992, Amano advised the effective use of tools for creation of better aquascape, saying, "Tweezers are essential tool for creation of attractive planted aquarium." At this time, he started designing tools for planted aquarium layout from his viewpoint as one of the users. Requirements for tweezers for planted aquarium include sharp tips, accurate alignment of tips and direct transfer of the force applied to the tips to the fingers. These requirements were identified solely by Amano who has actually been planting more aquatic plants than anyone else. The Pinsettes that was successfully developed provided excellent usability as if they are integrated with the user's own fingers. With this tool, the dense planting of aquatic plants and planting in narrow gaps between driftwood and stones was made much easier. Along with Pinsettes, Trimming Scissors were also developed in the same way. However, its production was

LAYOUT & MAINTENANCE TOOL

Being Original – A Genuine Value.



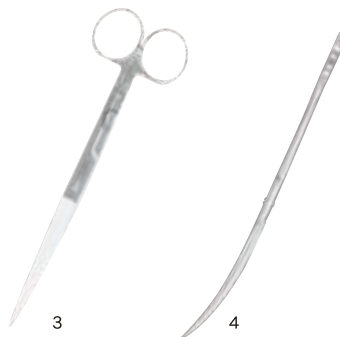


Pro-Scissors Spring (1, 2)

A compact Pro-Scissors Spring is the perfect tool for pruning Willow moss on the driftwood and for trimming off *Eleocharis acicularis* and *Echinodorus tenellus* individually in a small size aquarium. Please select the blade type, Straight or Curve, according to your needs. To close the scissors, push the handles in.

No.	Article Code	Item	Length (mm)
1	106-014	Pro-Scissors Spring (Straight type) 2014	160
2	106-015	Pro-Scissors Spring (Curve type) 2014	160

* 2014 Model



Pro-Scissors Short (3, 4)

This is a pair of short scissors designed for precutting plants before planting, and pruning of the plants near the water surface. Please select the blade type, Straight or Curve, according to your needs. Straight type is good for cutting thick stem and Curve type is good for trimming low water plants.

No.	Article Code	Item	Length (mm)
3	106-016	Pro-Scissors Short (Straight type) 2014	170
4	106-017	Pro-Scissors Short (Curve type) 2014	170

* 2014 Model



Pro-Scissors Wave (5)

The Wave is used for various ways, such as detail trimming with high angle in small tank, and trimming in large area with low angle and trimming for foreground.

No.	Article Code	Item	Length (mm)
5	106-022	Pro-Scissors Wave 2014	200

* 2014 Model



Pro Scissors Spring

For small tank or pruning Willow moss.



Straight type

Standard straight type is good for trimming water plants linearly.



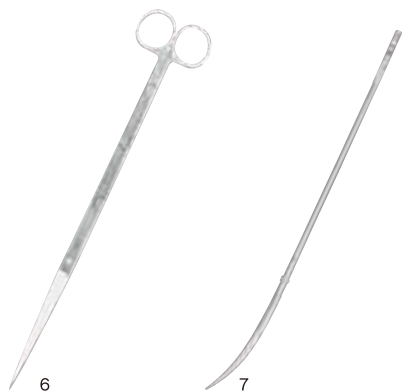
Curve type

Curve type is good for general trimming and trimming for water plants at bottom.



Pro-Scissors Wave

For trimming large area, such as near substrate.

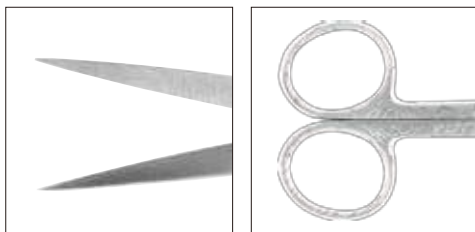


Trimming Scissors (6, 7)

The special scissors developed for pruning the luxuriant stemmed plants. These stylish unique design scissors are functional and easily handled in the aquarium. There are two types of different blade, Straight type and Curve type. Please select one according to your needs.

No.	Article Code	Item	Length (mm)
6	106-028	Trimming Scissors (Straight type) 2014	255
7	106-013	Trimming Scissors (Curve type) 2014	255

* 2014 Model



High hardness tungsten steel is used for the blades of the Trimming Scissors and Pro-Scissors. The finger holes fit comfortably in the fingers, and their forms are designed for easily trimming the plants.



Pro-Scissors Force (8)

Pro-Scissors Force has uniquely curved blades. It functionally transmits the user's grabbing power to the blades. Thick leaves and stems of the fern can be easily cut with this scissors. It allows to cut leaves and stem of hard Anubias that was difficult to trim by conventional trimming scissors.

No.	Article Code	Length (mm)
8	106-023	270

* 2014 Model



Pro-Scissors Force
for thick leaf or stem cut.



Pro-Scissors (9, 10)

Pro-Scissors are professional model of the trimming scissors. By getting both Pro-Scissors and Trimming Scissors lined up, it is possible to deal with the various layout style trimming. Two sizes, M and L are available. They are longer than Trimming Scissors and good for deepwater, large size tank.

No.	Article Code	Item	Length (mm)
9	106-018	Pro-Scissors M 2014	305
10	106-019	Pro-Scissors L 2014	355

* 2014 Model



Pro-Scissors Nude (11)

The Pro-Scissors Nude in an unique form with the curved handles and blades. Even plants near the stones can be pruned easily.

No.	Article Code	Length (mm)
11	106-020	320

* 2014 Model



Pro-Scissors Nude
for interspace of stone at
near substrate



Bottom Release (12)

Bottom Release is a special tool to insert Iron Bottom and Multi Bottom into the substrate. With a help of Bottom Release, the fertilizer can be inserted deeply in the substrate. Please inject the additional nutrition deeply in the substrate so that it can provide the supplement for roots effectively.

No.	Article Code	Length (mm)
12	104-100	375



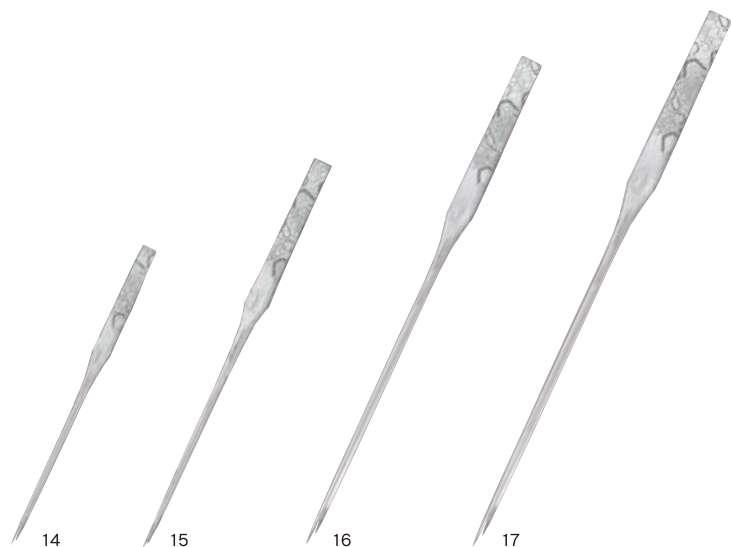
Sand Flattener (13)

Sand Flattener is a special tool to make the substrate flat and neat. Not only for the aquarium setup, it is also convenient for making up a disordered substrate surface after the water change. It makes substrate flat using large or small end part.

No.	Article Code	Length (mm)
13	106-026	270

* 2014 Model





Pinsettes Series (14-17)

They are the tweezers for professional use that focus on the spring strength, accuracy of tip part, and easy-to-handle length. Pinsettes are must-have item to make an elaborate layout. They are designed in the most suitable shape for Nature Aquarium to plant around stone, driftwood or space between aquatic plants easily.

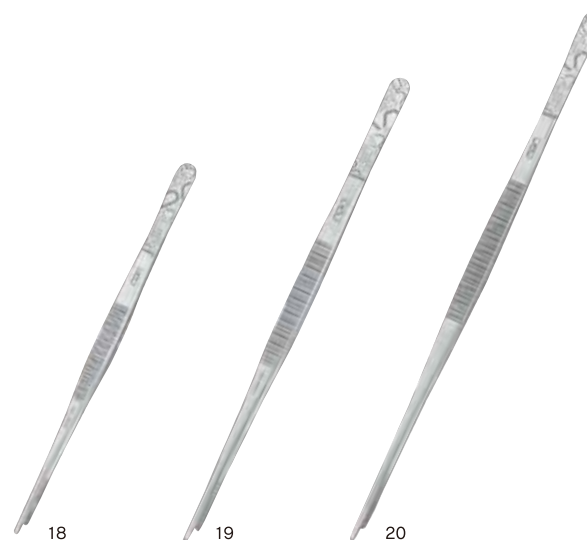
No.	Article Code	Item	Length (mm)
14	106-005	Pinsettes S 2014	160
15	106-006	Pinsettes M 2014	210
16	106-007	Pinsettes L 2014	270
17	106-008	Pinsettes XL 2014	300

* 2014 Model



The tip of pinsettes

The pinsettes designed for professional use, are manufactured with a high degree of precision. Their tips match perfectly, and it is possible to grasp a small plant for the foreground firmly.



Pro-Pinsettes Grip type (18-20)

They are suitable pinsettes for Cryptocoryne and Echinodorus. The tip part is wider and thicker than normal Pinsettes and it can hold the plant stems tightly as grip on the tip is wider. Please select according to your preference depending on the shape of aquatic plants.

No.	Article Code	Item	Length (mm)
18	106-009	Pro-Pinsettes Grip type S 2014	210
19	106-010	Pro-Pinsettes Grip type M 2014	260
20	106-027	Pro-Pinsettes Grip type L 2014	310

* 2014 Model



Pro Razor (21, 22, 23)

This is a scraper to remove algae on the aquarium glass surface. Its handle can be extended with an optional Extender for the use in a large size tank. Also, Pro Razor Mini is for small tank and narrow space of aquarium. The replacement of blade is necessary once it is getting hard to remove algae.

No.	Article Code	Item	Length (mm)
21	106-025	Pro Razor Mini 2014	260
22	106-024	Pro Razor 2014	400
23	106-110	Extender	410
	106-122	Replacement Blade for Pro-Razor (2 pcs)	-
	106-155	Replacement Blade for Pro-Razor Mini (2 pcs)	-

* 2014 Model (Except Extender and Replacement Blade)



Pro Picker (24)

Pro Picker is a tool to remove algae stuck on the driftwood and stones. Even the black beard type algae can be scraped off without trouble. It can remove the algae in a tight spot where toothbrush or nail cannot reach, such as the end of driftwood or the spot on stone.

No.	Article Code	Length (mm)
24	106-143	175





Riccia Stone

It is a layout goods to tie Riccia or Willow moss and makes a carpet of plants on the substrate. The substrate is easily paved with the flat shape Riccia Stone. The flat shape is easy to spread and it matches on substrate.

106-031



Riccia Line

Riccia Line is a special thread to fix Riccia on the stones and driftwood. The green color thread is barely-noticeable in the aquarium. Also, it is available to fix moss on stones, which is difficult to attach.

106-032 50m roll



Moss Cotton

Moss Cotton is a special thread to tie and fix moss on driftwood. In a quite dark green color similar to that of Willow moss and it will naturally biodegrade after Willow moss has taken root to the driftwood or rock.

106-033 200m roll



Wood Tight

Wood Tight is a vinyl covered wire, temporarily fix ferns and Anubias until the plant spreads their roots on the driftwood. The brown wire is barely-noticeable in the aquarium layout. After fixing water plants, it is easy to cut and remove by scissors.

106-034 10m roll





Maintenance Stand Clear Type A

Maintenance Stand Clear is made of transparent acrylic with high clarity. It gives an image as if all the stored goods - layout tools, liquid fertilizers and AP Glass, are floating in the air. Type A has a storage space for Tower.

101-216 W300×D200×H700mm



Maintenance Stand Clear Type B

Maintenance Stand Clear Type B has shelves for smaller accessories, instead of storing Tower. You can store Nature Aquarium Goods neatly and have access to necessary goods quickly. It also shows up your aquarium surrounding design.

101-217 W300×D200×H700mm



Maintenance Stand Tree

It has an elegant slender form, yet, provides a great stability and functionality. Aquarium maintenance goods, such as maintenance tool, AP Glass, liquid fertilizer, additives are stored neatly. It can be placed even in a small space or right next to aquarium cabinet.

101-220 W224×D190×H900mm



Maintenance Stand I

It is a stylish stainless steel stand where you can place a variety of Nature Aquarium Goods. Keep the maintenance tools, liquid fertilizers and AP Glass all in one place, neatly on the table or cabinet.

101-212 W166×D150×H330mm

* The picture shows a complete set image. Shown liquid fertilizers, fish food, and layout tools are optional.



Superge

Superge is a detergent removing the algae stuck on the glass items. Pollen Glass and Lily Pipe become clean in a Superge solution after being soaked for a certain period.

102-911 300ml



Clean Bottle

This is a plastic bottle for soaking small glass items with Superge solution. You can make a proper cleaning solution easily by filling the water up to the level of the bottle shoulder, and adding a capful of Superge.

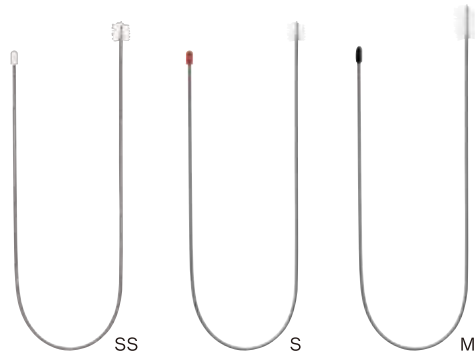
102-901 Clean Bottle



Tube Brush

This is a special brush for cleaning the glass items such as Lily Pipe. The dirt hardly cleaned by Superge can be removed with the Tube Brush. Three size set is only available.

102-921 S, M, L set



Spring Washer

This is a new type of glass washing brush with a flexible wire. Even New Lily Pipe is easily cleaned. Small brush that fits curved pipe and flexible coil-like wire are equipped.

102-928 SS (for 10 diameter pipe)
 102-927 S (smaller than 13 diameter pipe)
 102-926 M (larger than 17 diameter pipe)



Small brush to fit curve of glass pipe.



Flexible coil-like wire.

Compatibility table of Spring Washer.

Size	Correspond Product
SS	Lily Pipe P1, Lily Pipe • Spin P-1, Lilly Pipe • Mini P-1
S	Lilly Pipe P2/P-4/P-6 (Ø13), New Lilly Pipe V-3/V-5, Lilly Pipe • Spin P-2, Lily Pipe • Mini P-2, Lily Pipe • Mini V-1/V-2
M	New Lilly Pipe V-7 (Ø17/Ø20)



these facts, fish food has to be selected and fed very carefully. There is another product that ADA has come up with for fishes. It is a glass feeder called AP Glass. AP Glass perfectly fits in hand and allows clean feeding. Its design was developed by Amano and its initial models were made according to his palm size. For this story behind the development, Amano says, "I wanted to make what I need on my own, so I designed the size according to my palm." This is an episode that tells us AP Glass is another ADA product that was made in response to Amano's needs. Careful consideration has been given to its fascinating design as well as functions. To avoid fish food from sinking, AP Glass is designed in such way that Fish Food AP slowly reaches the water surface from the slightly curved outlet of AP Glass, just like small winged insects land gently on the river surface. Amano's pursuit for quality products can also be found in this small item.

photo book "Glass no Naka no Daishizen 1985-2009" can only be achieved with the feeding of Fish Food AP. Although it is particularly difficult to have aquatic plants and Cichlid, a relatively big eater which eats shrimps, together in the same aquarium, the coexistence of this fish with aquatic plants is possible by selection of quality fish food and appropriate feeding. It is very important to observe how fishes eat their food to understand the condition of the fishes. The fishes in good condition usually snatch their food actively while fishes in poor condition are not very active and do not snatch food. When fishes are not familiar with the new environment, they are sometimes scared of the feeding action and may hide behind something. Extra attention needs to be taken to small fishes, which is most suited for Nature Aquarium, as they easily become undernourished due to their compact size while it is also difficult for them to recover once they become too thin. As can be seen from

In Nature Aquarium where fishes are kept while beautiful lush aquatic plants are maintained, it is necessary to pay more careful attention to select and feed the fish food compared with the case of keeping fishes in a bare tank. In order to grow both fishes and aquatic plants in the same aquarium, it is required to feed nutrient-rich and highly-digestible fish food. If the food is rich in nutrition but poor in digestibility, fishes cannot receive adequate nutrition unless they eat more to cover up the deficiency. Furthermore, low digestibility can lead to dirty aquarium water caused by increased fish feces, resulting in algae growth in the aquarium. ADA's Fish Food AP series was developed with the aim of offering better fish food than natural plankton which is called the best food in nature. "AP" in Fish Food AP is the abbreviation for "Artificial Plankton". It is not an exaggeration to say that the sight of Discus and Pterophyllum altum swimming among lush aquatic plants as shown in the



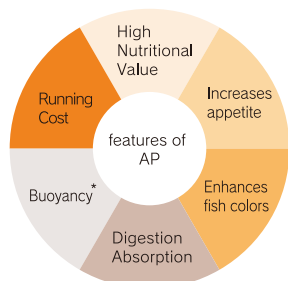
Fish Food AP

Basic fish food of the Nature Aquarium. Because they provide a good float and high diet digestibility, the amount of leftovers and excretion from fish will be reduced. It results in slowing the process of water contamination. 3 grain sizes are available. Please choose one matching to the size of your fish.

Article Code	Item	Fish species	Volume
107-001	AP-1	Fry / small fish	15g
107-002			70g
107-003			300g
107-011	AP-2	Adult fish / middle size fish	15g
107-012			70g
107-013			300g
107-022	AP-3	Adult fish / large size fish	70g
107-023			300g



15g Package



* Large Grain AP-3 sinks slowly.

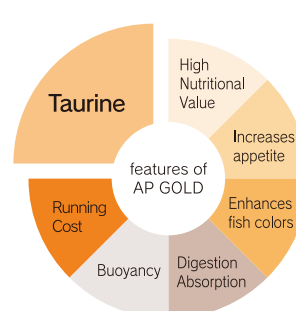
Fish	AP No.			
	AP1	AP2	AP3	
Guppies, Platies	○	○	×	
Betta, Gourami Fish	○	○	×	
Tetra	◎	◎	△	
Rasbora	◎	◎	△	
Angel Fish	○	◎	◎	
Corydoras	△	○	○	



Fish Food AP-GOLD

A series of high-nutrient fish food with good-quality protein and vegetable matter. It contains taurine which effectively enhances health of the fish. Excellent for the types of fish difficult to feed and also for marine fish. Each grain is smaller than AP series.

Article Code	Item	Fish species	Volume
107-101	AP-1 GOLD	Fry / small fish	25g
107-111	AP-2 GOLD	Adult fish / middle size fish	25g
107-121	AP-3 GOLD	Adult fish / large size fish	25g



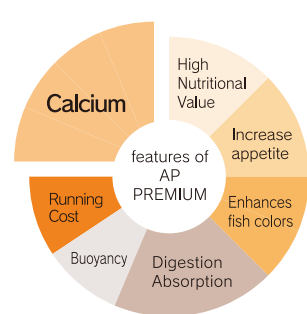
Fish	AP GOLD			
	AP1	AP2	AP3	
Guppies, Platies	◎	◎	○	
Betta, Gourami Fish	△	○	◎	
Tetra	◎	◎	◎	
Rasbora	◎	◎	◎	
Angel Fish	△	○	◎	
Corydoras	×	△	○	



Fish Food AP-PREMIUM

Using carefully selected ingredients that are easily digestible by fishes, Fish Food AP PREMIUM is enriched with calcium essential for maintaining a good health of fishes and achieves the best nutrient balance among the Fish Food AP series. Besides having advantages such as reduced fish excretions and slowing down of water contamination, it is also ideal for wild fishes having a sensitive digestive system.

Article Code	Item	Fish species	Volume
107-035	AP-1 PREMIUM	Fry / small fish	25g
107-036	AP-2 PREMIUM	Adult / middle size fish	25g



Fish	<div> <div>×</div> <div>△</div> <div>○</div> <div>◎</div> </div> unsuitable ← → most suitable		
	AP PREMIUM	AP1	AP2
Guppies, Platies		◎	◎
Betta, Gourami Fish		○	◎
Tetra		◎	◎
Rasbora		◎	◎
Angel Fish		○	◎
Corydoras		△	○



AP Glass

AP Glass is a perfect glass feeder for ADA's Fish Food AP line-ups. Its softly curved glass surface fits your hand securely, and it will bring you a joy of feeding. AP Glass makes it possible to feed your fish right amount of food without a direct contact to fish food.

Article Code	Item
102-501	AP Glass

* Including Fish Food AP-1 and AP-2 15g / each



The curved feeding nozzle drops AP Food softly.

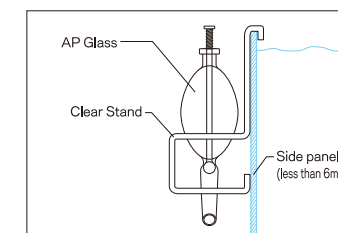


Clear Stand for AP Glass

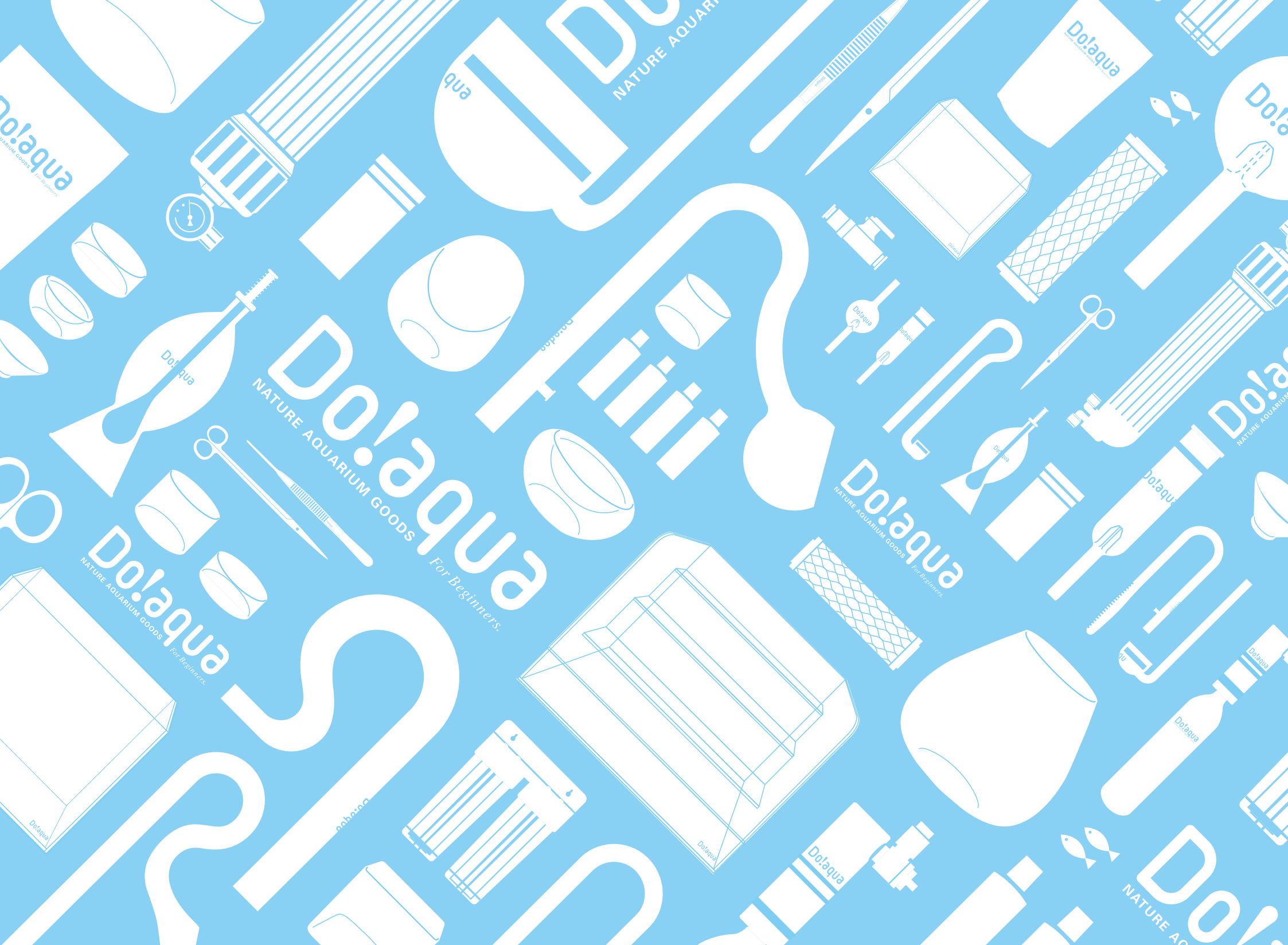
This clear acrylic stand is created exclusively for AP Glass. Since the stand is attached on the side panel of aquarium, you can feed fish quickly when needed. Its simple design matches well with Cube Gardden.

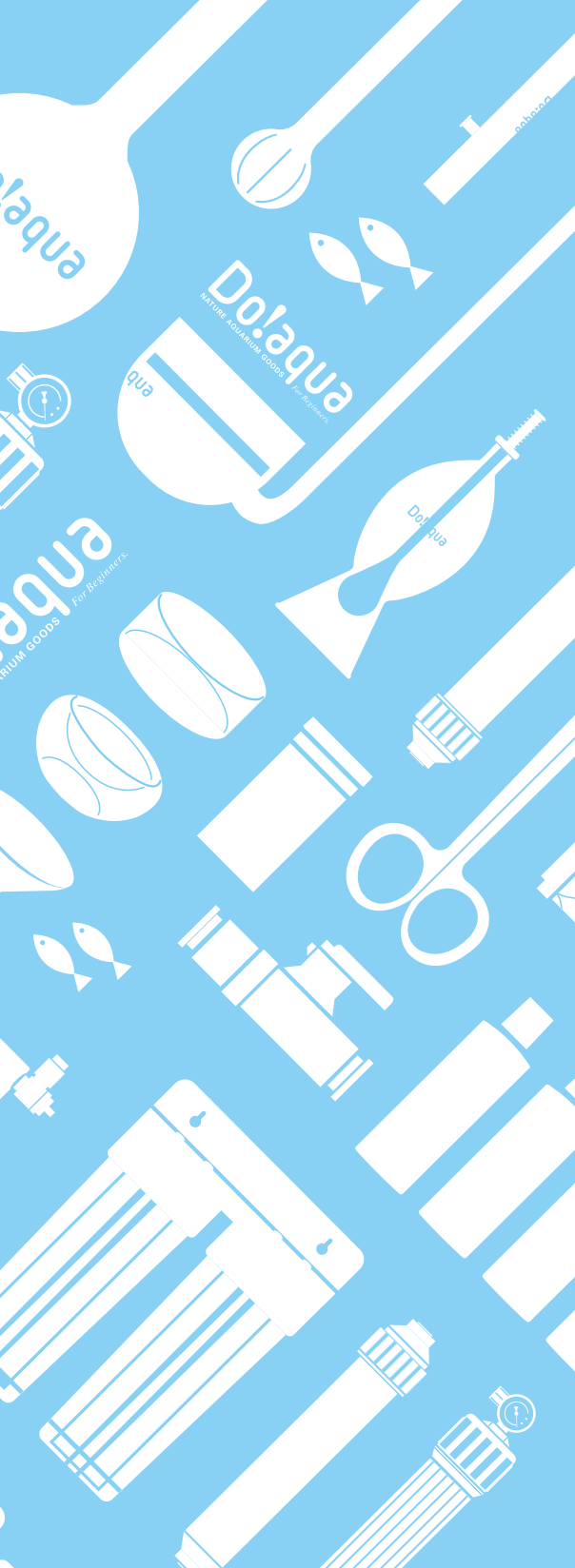
Article Code	Item
101-208	Clear Stand for AP Glass

* The picture shows a complete set image. Shown AP Glass is optional.



* Available for tanks 6mm or less in thickness



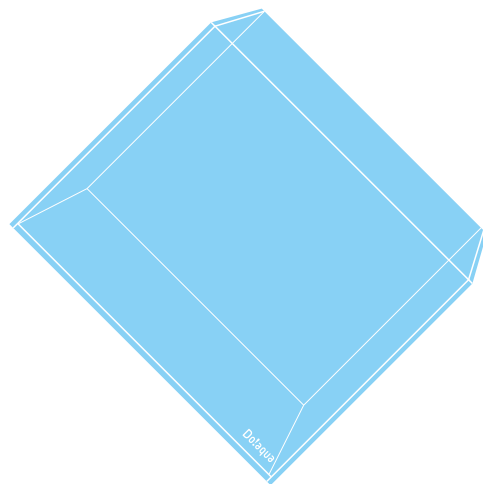
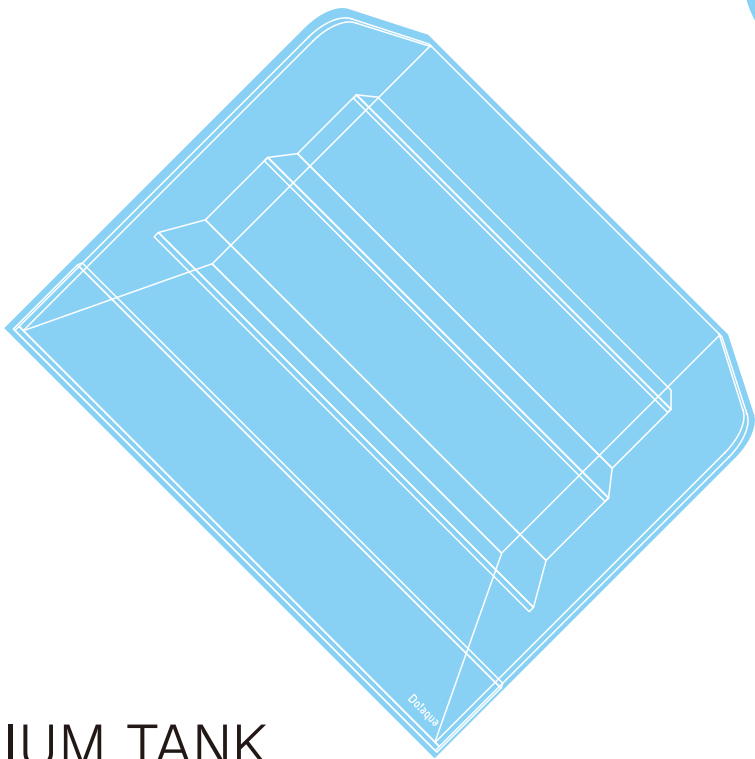


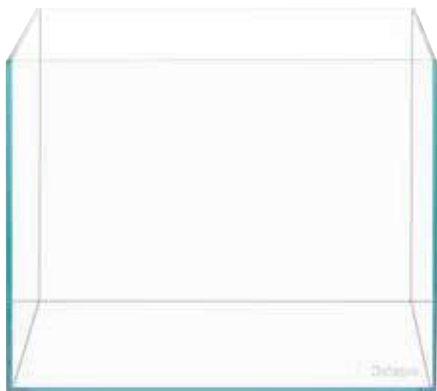
Do!aqua
NATURE AQUARIUM GOODS For Beginners.

Fun of planted aquarium is embodied
in its product design and performance.

“Do!aqua” offers aquarium products having adequate performance and excellent design for current and future aquarium beginners. By making full use of ADA’s accumulated experience and know-how, each Do!aqua product has been made available at an affordable price without sacrificing their performance. Its lineup consists of casual aquarium goods featuring a visually stimulating design. Do!aqua’s light blue color represents the importance, purity and gentleness of water which is the origin of life.

AQUARIUM TANK





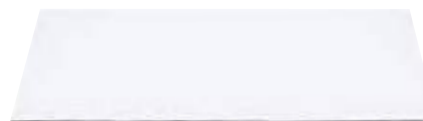
Cube Glass

Cube Glass is a simple design glass aquarium tank without frames. As the plastic frames do not block the view, it can be widely used not only for the planted aquarium but also for normal ornamental fish keeping. (Glass Cover corresponds D type)

Article Code	Size (cm)	Glass thickness (mm)	Number of Hook
140-868	W20×D20×H20	5	4
140-869	W25×D25×H25	5	4
140-870	W30×D30×H30	5	4
140-865	W30×D18×H24	5	4
140-863	W36×D22×H26	5	4
140-8545	W45×D24×H16	5	-
140-8512	W45×D27×H30	5	4
140-8514	W45×D30×H45	6	4
140-8555	W60×D30×H18	5	-
140-8522	W60×D30×H36	6	4

Cube Glass Plastic Hook

Article Code	pcs
149-8881 for 5mm thickness	4/pack
149-8882 for 6mm thickness	4/ pack



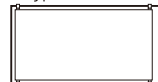
Cube Glass Glass Cover

This glass cover is designed for Cube Glass. Install the Glass Cover with supplied plastic hook in Cube Glass. Choose proper Glass Cover depending on tank size (there is no feeding hole or diagonal notched corner)

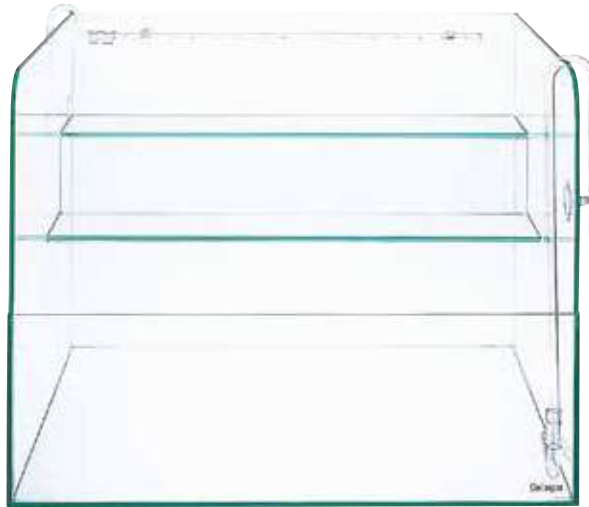
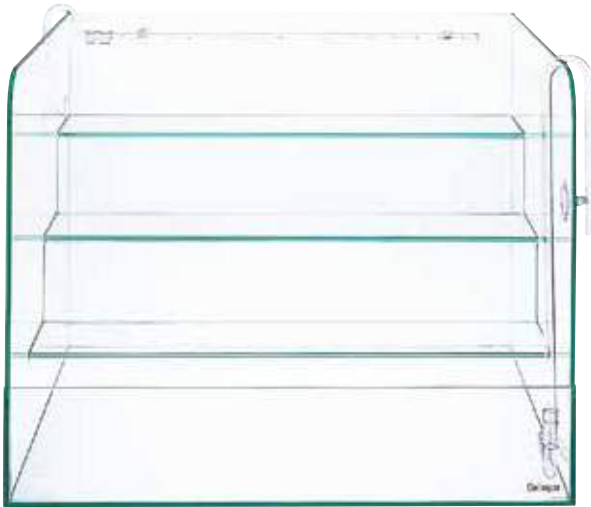
Article Code	Cube Glass Size (cm)	Size (mm)	Glass thickness (mm)	Type
102-697	for W20×D20×H20	183×140	3	D type
102-698	for W25×D25×H25	233×190	3	D type
102-694	for W30×D30×H30	240×283	3	D type
102-699	for W30×D18×H24	240×163	3	D type
102-692	for W36×D22×H26	300×203	3	D type
102-671	for W45×D27×H30	389×253	3	D type
102-672	for W45×D30×H45	386×281	3	D type
102-673	for W60×D30×H36	528×281	3	D type

The Glass Cover can be used both Cube Garden and Cube Glass.

D type



* D type needs 1 piece and to cover whole part.



Waterfall

Waterfall is specially designed for emersed Wabi-kusa. The unique step-structure is able to make water flow from top to bottom, like a waterfall. It is possible to keep fish in the bottom tank part (depth:12cm). Water circulates continuously. So emersed Wabi-kusa can be maintained for a long term without drying up.

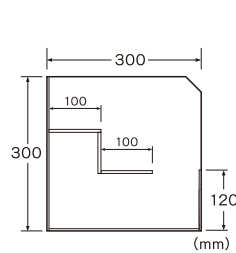
Article Code	Size (cm)	Glass thickness (mm)
140-837	W30×D30×H30	5
140-831	W60×D45×H45	6
140-832	W90×D45×H45	6

* Waterfall contains special glass made inflow pipe (Ø13) and outflow pipe (Ø13). The water circulates from top to bottom, looks waterfall if it is set with external filter, such as Super Jet Filter ES-600.

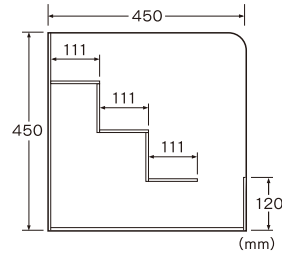
* Registered design of ADA



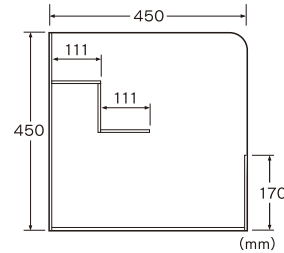
You can place 3 sets of Wabi-kusa Karen on each step of Waterfall W30×D30×H30cm.



Waterfall 30
side view



Waterfall
side view



Ver.2
side view

Waterfall Ver.2

The steps for placing Wabi-kusa are reduced to two steps and the space for water has increased (depth:17cm). It is possible to make a simplified layout by spreading sand thinly and placing stone, driftwood or water plants such as fern family. Due to the expanded water space, it is possible to make a selection of fish from many options.

Article Code	Size (cm)	Glass thickness (mm)
140-834	W60×D45×H45	6
140-835	W90×D45×H45	6

* Waterfall Ver.2 contains special glass made inflow pipe (Ø13) and outflow pipe (Ø13). The water circulates from top to bottom, looks like a waterfall if it is set with external filter, such as Super Jet Filter ES-600.

* Registered design of ADA

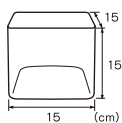


Cube 15

Plant Glass Cube

Cube is a glass container for keeping Wabi-kusa easily. Its stable and cubical form is suitable for keeping a piece of Wabi-kusa. When stemmed plants grow fully inside the Cube, it spreads its shoots overhanging on the container edge. Suitable for keeping killifish and betta.

Article Code	Item	Size (cm)
140-811	Cube 15	W15×D15×H15



Cube 15

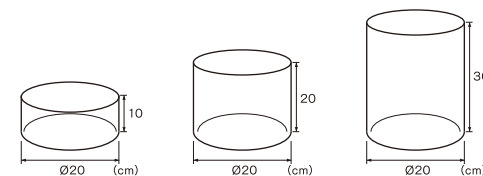


Cylinder 2010

Plant Glass Cylinder

Cylinder's wide opening makes maintenance of Wabi-kusa easy, and it is available in a variety of heights. In a shallow Cylinder, it is easy to make an aquatic plant layout in emersed condition. A high type is suitable for keeping killifish and Wabi-kusa together.

Article Code	Item	Size (cm)
140-801	Cylinder 2010	Ø20×H10
140-802	Cylinder 2020	Ø20×H20
140-805	Cylinder 2030	Ø20×H30



Cylinder 2010

Cylinder 2020

Cylinder 2030



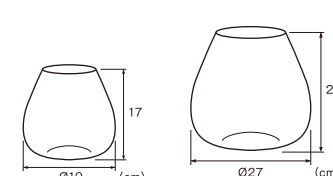
Oval 17

Plant Glass Oval

Featuring a curvy, round design, Oval is a great interior decorating item. You can also enjoy the view of Wabi-kusa spreading beautifully along Oval's curved inner wall. It has a large inner volume and is suitable for growing Wabi-kusa in submerge form.

Article Code	Item	Size (cm)
140-821	Oval 17	Ø19×H17
140-822	Oval 25	Ø27×H25

* Plant Glass has a slight variation in size, inevitable in its production process, and its glass thickness and form may not be consistent.



Oval 17

Oval 25

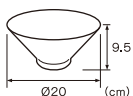


Valley

Plant Glass Valley

Valley has a shape suitable for keeping one set of Wabi-kusa inside. Its natural and elegant design can be a good display on a table in the living room.

Article Code	Size (cm)
140-823	Ø20×H9.5



Valley

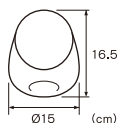


Polka

Plant Glass Polka

Its gentle round shape enhances the charming look of Wabi-kusa. The diagonally cut opening is wide and designed for easy maintenance, and is better suited for the cultivation of emerged Wabi-kusa.

Article Code	Size (cm)
140-825	Ø15×H16.5



Polka

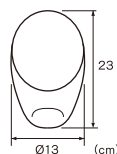


Carafe

Plant Glass Carafe

Featuring a stunning, modern diagonal cut design, this tall Plant Glass makes any type of Wabi-kusa look attractive - Stemmed Plants series, Echinodorus Mix, Cryptocoryne Mix etc.

Article Code	Size (cm)
140-826	Ø13×H23



Carafe

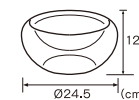


Oasis

Plant Glass Oasis

Oasis has unique design with a center pocket and it is ideal to place and grow a single set of Wabi-Kusa. Its gentle curve makes fresh emerged leaves of aquatic plants look more attractive.

Article Code	Size (cm)
140-827	Ø24.5×H12



Oasis

* Plant Glass may slightly differ from the indicated size due to the production process. Its glass thickness and shape might be uneven.



Branch

Branch is a halogen lamp lighting system designed for a small size tank such as Plant Glass. A simple curvy design lighting matches various room styles. It becomes possible with Branch to cultivate a Wabi-kusa in the room lacking direct sunlight.

Article Code	Item / color
146-003	Branch / Cream
146-004	Branch / Silver
146-031	75W Halogen Lamp for Branch (spare lamp)
146-099	Branch Lamp Cover

* Voltage / AC100V 50/60Hz

* Size / W34xD34xH62 (cm)

* Designed for Plant Glass or aquarium tank with 20cm on each side or smaller. A 75W Halogen lamp included.



High type



Low type

Branch Stand

This is a stand exclusively designed for Branch lighting. High type is a tall and slender image, while Low type is suitable for setting on the table or by the oriel window. The Stand has a slit in the backside to hide the electrical cord.

Branch Stand	High type W40×D40×H70 (cm)	Low type W40×D40×H4 (cm)
color	Article Code	Article Code
Cream	146-013	146-023
Gun Metallic Silver	146-014	146-024

* Made-to-order







CO₂ Starter Kit

CO₂ supply is effective for promoting the growth of aquatic plants. CO₂ Starter Kit is a complete product kit required for CO₂ supply. This kit is the first step of plant growth in the aquarium. Replace CO₂ bottle has cost-effectiveness and the set is suitable for small tank as a minimum space is required. You can see its effect in the beautiful CO₂ bubbles emitted from the plants.

Article Code	Item
140-601	CO ₂ Starter Kit



Installation is simple and easy with Starter Kit.

* Contents /
 CO₂ Regulator ×1
 CO₂ Bottle (Contents: 35g) ×2
 CO₂ Bottle Stand ×1
 Ball Valve ×1
 CO₂ Diffuse ×1
 Check Valve ×1
 Pressure-resistance Tube
 Silicon Tube
 Suction Cup

* The product specifications are subject to change.
 * CO₂ Bottle is reuse product.



CO₂ Bottle

The cost of daily CO₂ supply adds up to a considerable amount. CO₂ Bottle is an economical small CO₂ cartridge (interior content 35g) designed exclusively for CO₂ regulator included in the CO₂ Sterter Kit.

Article Code	Item
140-602	CO ₂ Bottle × 6

* Content: 35g
 * CO₂ Bottle is reuse product.

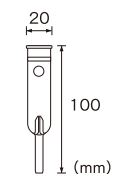


CO₂ Diffuse

CO₂ Diffuse is an integrated CO₂ supply system that combines a bubble counter and a diffuser. The unobtrusive glass diffuser diffuses CO₂ in water efficiently.

Article Code	Item
140-101	CO ₂ Diffuse

* CO₂ Diffuse is designed for the aquarium size of 60×30×36cm or smaller.



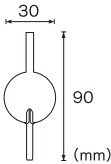


CO₂ Music Counter

CO₂ Music Counter is a glass CO₂ bubble counter that allows you to measure the amount of CO₂ supply. Its simple design adds a delightful look to an aquarium. Please use with glass CO₂ diffuser, CO₂ Music Glass (sold separately).

Article Code	Item
140-102	CO ₂ Music Counter

* CO₂ Music Counter is designed for the aquarium size of 60x30x36cm or smaller.

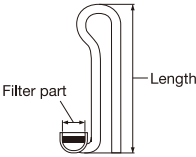


CO₂ Music Glass Mini

CO₂ Music Glass Mini is a glass CO₂ diffuser for a small size tank. The hanger style diffuser does not disturb the view. This is suitable for small tank because its diffusing filter is very small.

Article Code	Filter part (mm)	Length (mm)
140-111	10Ø	110
140-112	15Ø	110

* For the frame-less aquarium tank with 5mm glass thickness or less.



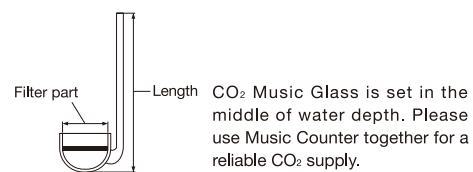


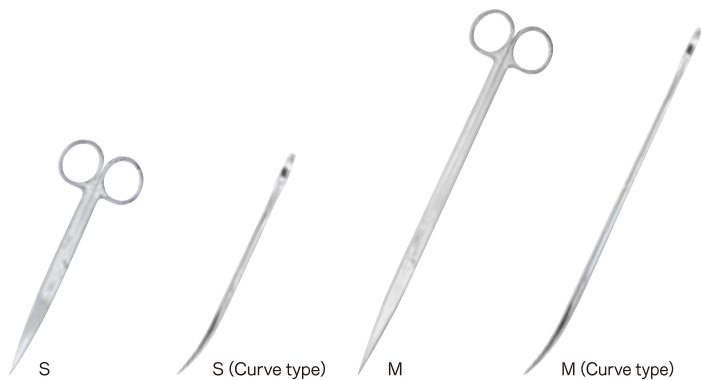
CO₂ Music Glass

CO₂ Music Glass is a glass CO₂ diffuser that diffuses CO₂ efficiently in water. Its simple design adds a delightful look to an aquarium. Please select the right size for your aquarium tank. Once the diffusing filter gets dirty, please clean up with Superge for glass cleaning solution.

Article Code	Filter part (mm)	Length (mm)	Aquarium size (cm)
140-113	10Ø	90	30~45
140-114	15Ø	100	45~60
140-115	20Ø	110	60~75
140-116	30Ø	120	90
140-117	40Ø	140	120
140-118	50Ø	160	180

* Please use this product with a genuine CO₂ regulator (sold separately).





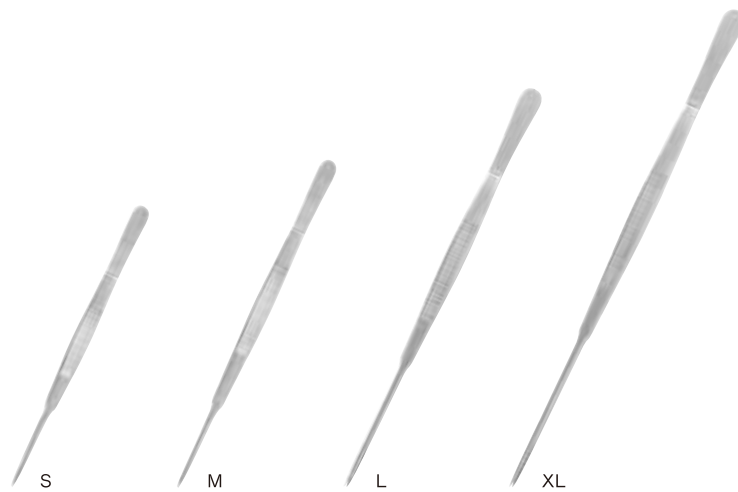
Do Scissors

Do scissors are designed specifically for trimming aquatic plants. Small S size is great for pruning stemmed plants and pre-cutting aquatic plants before planting. M size has a long handle and short blades, which enable easy trimming of plants in a small tank.

Article Code	Item	Length (mm)
140-205	Do Scissors S	145
140-206	Do Scissors S (Curve type)	145
140-207	Do Scissors M	230
140-208	Do Scissors M (Curve type)	230



Do Scissors Curve type is suitable for pruning low foreground plants like Glossostigma.



Do Pinsettes

Do Pinsettes are the tweezers for planting aquatic plants. Their grip transmits the holding power to the tips. This product design makes planting operation much easier even for beginners. Please select from 4 different sizes according to your needs.

Article Code	Item	Length (mm)
140-201	Do Pinsettes S	175
140-202	Do Pinsettes M	200
140-203	Do Pinsettes L	255
140-204	Do Pinsettes XL	300



Plants need to be planted firmly with a high density. Tweezers are indispensable for accurate planting. Do Pinsettes are also useful for placing tiny stones tied with Riccia on the substrate.



Type B

Maintenance Stand II

This stainless stand can store Do aqua fish food, be liquid fertilizer, pinettes, and scissors. The stand can hold those daily maintenance items neatly and give a clean image around the tank.

Article Code	Item
101-214	Maintenance Stand II Type B

* The picture shows a complete set image. Shown liquid fertilizers, fish food, and layout tools are optional.



Metal Hook Stand for be liquid

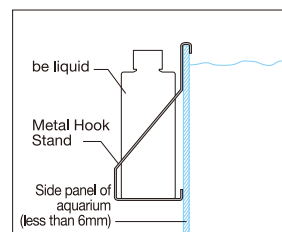
This is the stainless-steel stand for Do aqua be-liquid series, which are daily liquid fertilizers for plant growth and chlorine neutralizer at water change. It is designed to hang on the side of aquarium glass panel, and it is possible to provide the be-liquid series quickly when in needs.

Article Code	Item
101-211	Metal Hook Stand for be liquid

* This product can be used to store aqua conditioner series as well.

* The picture presents only the installation image. Liquid fertilizer is optional.

* Metal Hook Stand is designed for frameless tank 6mm thickness or less.

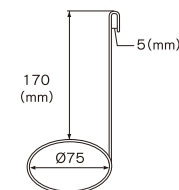


Hanger for Wabi-kusa

This is a hanger developed specifically for the enjoyment of Wabi-kusa. Hang this product on the rim of a frameless aquarium tank (5mm thick), place Wabi-kusa on it and pour an adequate amount of water to enjoy an aquarium with rich aquatic plants. Hanger will become barely noticeable as aquatic plants grow.

Article Code	size(mm)
148-009	170×Ø75

* Correspond for frameless tank 5mm thickness or less.



Set up the hanger on an aquarium tank and pour water until about one-third of Wabi-kusa is submerged.



Poppy Glass Outflow (PP)

Poppy Glass Inflow (PV)

Poppy Glass

Poppy Glass creates water flow suitable for keeping fishes that prefer gentle water flow, such as betta and killifish in an aquatic plant layout. Depending on the placement of the outflow pipe, the water surface ripples adequately and provides aeration and a reducing effect of the oil film.

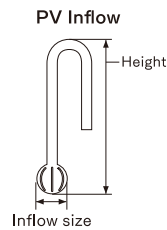
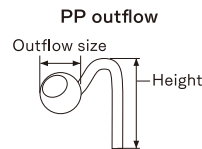
Poppy Glass - Outflow (PP)

Article Code	Item	Pipe Diameter (mm)	Outflow size (mm)	H (mm)	Aquarium Size (cm)
140-521	PP-1	Ø13	50	180	45~60
140-522	PP-2	Ø13	75	180	90~120
140-523	PP-3	Ø17	75	180	120~180

Poppy Glass - Inflow (PV)

Article Code	Item	Pipe Diameter (mm)	Inflow size (mm)	H (mm)	Aquarium Size (cm)
140-531	PV-1	Ø13	35	240	45~60
140-532	PV-2	Ø13	35	300	60~90
140-533	PV-3	Ø17	45	300	90~120
140-534	PV-4	Ø20	53	300	120~180

* Size of Poppy Glass may have a slight deviation partially due to its production process.



Violet Glass Outflow (VP)

Violet Glass Inflow (VV)

Violet Glass

Violet Glass creates water flow suitable for the lwagumi style layout or keeping fishes that prefer moderate water flow, such as cyprinids and characins in an aquatic plant layout. In addition, the outflow pipe provides aeration effect depending on its placement. Its narrower outlet provides slightly downward water stream.

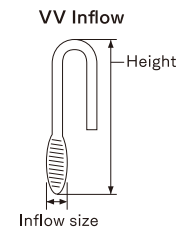
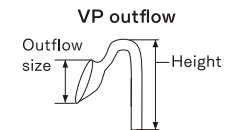
Violet Glass - Outflow (VP)

Article Code	Item	Pipe Diameter (mm)	Outflow size (mm)	H (mm)	Aquarium Size (cm)
140-501	VP-1	Ø13	55	180	45~60
140-502	VP-2	Ø13	82	180	90~120
140-503	VP-3	Ø17	82	180	120~180

Violet Glass - Inflow (VV)

Article Code	Item	Pipe Diameter (mm)	Inflow size (mm)	H (mm)	Aquarium Size (cm)
140-511	VV-1	Ø13	25	240	45~60
140-512	VV-2	Ø13	25	300	60~90
140-513	VV-3	Ø17	29	300	90~120
140-514	VV-4	Ø20	32	300	120~180

* Size of Violet Glass may have a slight deviation partially due to its production process.



* Poppy Glasses are inflow (PV) and outflow (PP) pipes designed for an external canister filter such as Super Jet Filter.



* Violet Glasses are inflow (VV) and outflow (VP) pipes designed for an external canister filter such as Super Jet Filter.



Violet Glass MiniOut flow (MP-1) Violet Glass Mini Inflow (MV-1)

Violet Glass Mini

Violet Glass Mini is a small size glass pipe suitable for an external canister filter. A squeezed outlet sends out an appropriate water flow even in the limited space of the small aquarium. It can be installed on the aquarium without using a suction cup.* For aquarium with 5mm glass thickness or less

Violet Glass Mini – Outflow

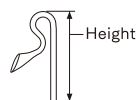
Article Code	Item	Pipe Diameter (mm)	H (mm)
140-541	Mini MP-1	Ø10	150

Violet Glass Mini – Inflow

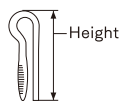
Article Code	Item	Pipe Diameter (mm)	H (mm)
140-542	Mini MV-1	Ø13	150

* Size of Violet Glass Mini may have a slight deviation partially due to its production process.

Mini MP-1 Outflow



Mini MV-1 Inflow



Violet Glass Jet

Violet Glass Jet

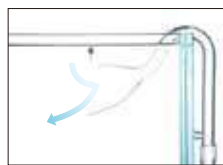
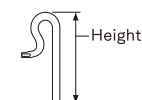
Violet Glass Jet is an outflow (P) pipes designed for an external canister filter such as Super Jet Filter. It is suitable for making a strong current in the aquarium. It can be installed on the aquarium tank without using a suction cup.

Violet Glass Jet – Outflow

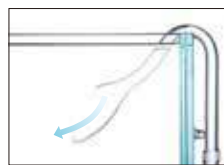
Article Code	Item	Pipe Diameter (mm)	H (mm)
140-551	JP-1	Ø13	150
140-552	JP-2	Ø17	150

* Size of Violet Glass Jet may have a slight deviation partially due to its production process.

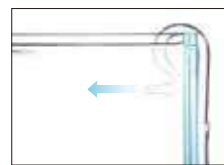
Jet Outflow



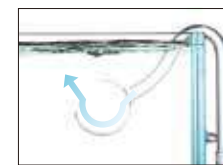
Reduce oil film
Lily Pipe Series
It creates a current by drawing water at the water surface downward into the aquarium depending on the position.



Prevents air bubbles
Violet Glass Series
It creates a downward current that does not draw air into an aquarium, even when the water level becomes low.



Increases fish's physical activities.
Violet Glass Jet
Its narrowed tip creates a strong linear flow.



For a better staging effect
Poppy Glass Series
It creates a moderate current for fish that do not like a strong current.



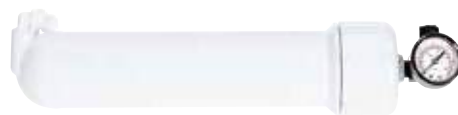
NA Water

Although tap water is clean water that has been filtered and sanitized with chlorine, the impurities in the tap water, such as residual chlorine and metal ions, are problematic for keeping aquatic organisms in it. NA Water is a water purification system that removes the residual chlorine and other impurities quickly. It produces purified water suitable for keeping the aquatic organisms. Anyone can make safe water for aquarium by connecting water outlet and hose.

140-001 NA Water

Characteristics of NA Water

- * NA Water is shipped with filter cartridges in it. By connecting NA Water and water faucet with a hose, you can have clear water easily.
- * Two types of the filter cartridges are included. Tap water contains impurities like metal ions and residual chlorine. Natural Cotton Sediment Filter and Carbon Filter HD 30 remove such substances quickly.
- * Higher water purifying is possible with optional RO Kit and DI Kit. You can make almost perfect pure water which is suitable for marine aquarium.



RO Kit

Clean water is essential for keeping aquatic organisms, such as fish and aquatic plants, in an aquarium. 99% of the chemical substances found in tap water can be removed with the use of RO Kit combined with NA Water (sold separately.) RO Kit is optional kit of NA Water and contained necessary parts for connection. It cannot be used by itself, so please always use it with NA Water.

140-002 RO Kit

- * The amount of water RO Kit can produce per unit hour differs depending on the water temperature and water pressure.
- * The standard capacity of the reverse osmosis membrane for RO Kit is 100 GPD. Actual capacity may vary depending on the temperature and pressure of tap water (the filtration capacity decreases under low water pressure).
- * The frequency of the membrane replacement is generally every 2 years.
- * All the necessary parts integrating RO Kit into the NA Water are included. But please prepare the tools such as adjustable wrench and screw driver separately.
- * Feed Water Connector (Faucet adapter) is designed for the faucet diameter 16mm or 19mm. Depending on your faucet types, the adapter cannot be connected. In such case, please prepare commercially available adapter.
- * This product is an optional kit optimized for the NA Water (sold separately). It cannot be used by itself.



DI Kit

DI Kit is a deionizing filter that is used in combination with NA Water and RO Kit to produce superior quality purified water. It eliminates a minute amount of impurities and makes purified water at more than 99.99%.

140-003 DI Kit

- * Purified water does not have buffering effect characteristics, therefore pH decrease sharply once exposed to air (pH value increases once dissolving with sea salt.)
- * All the necessary parts integrating DI Kit into the RO Kit are included.
- * Replace DI Kit approximately every 6 months.
- * This product is an optional kit optimized for the RO Kit (sold separately). It cannot be used by itself.



RO Kit Membrane

Replacement interval: Approximately 2 years
Please check the capacity of the membrane regularly with TDS meter. In case of observing the drop of the permeate flow due to clogging or increase in TDS value, please replace the membrane even before the replacement interval period.

140-0021 RO Kit Membrane



Natural Cotton Sediment Filter

A natural high-density cotton fiber removes impurities in the tap water, such as metal ions. It also enhances the treatment capacity of carbon filter which takes care of the aftertreatment.

140-0011 Natural Cotton Sediment Filter

Recommended Replacement interval:
Approximately 6 months



Carbon Filter HD30

This product offers superior residual chlorine removal capability by compressed higher density activated carbon fibers. It is also great for increasing the flow rate for water changes. It does not alter pH of the water.

140-0014 Carbon Filter HD30

Recommended Replacement interval:
Approximately 6 months
Total water treatment volume:
30,000 ℓ



Carbon Filter HD300

This is a high performance activated carbon filter. The treated water has a high pH immediately after treatment. For an aquarium with an organism that is sensitive to a pH variation, the water should be stored in a container for a while.

140-0015 Carbon Filter HD300

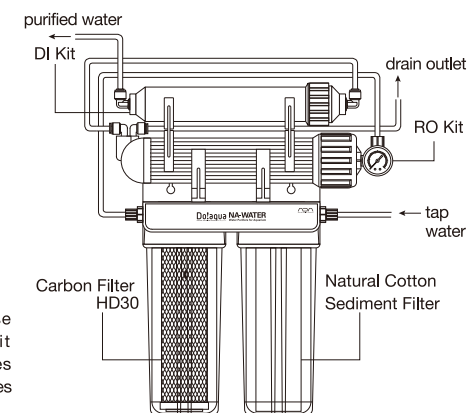
Replacement interval:
Approximately 5 years
Total water treatment volume:
300,000 ℓ

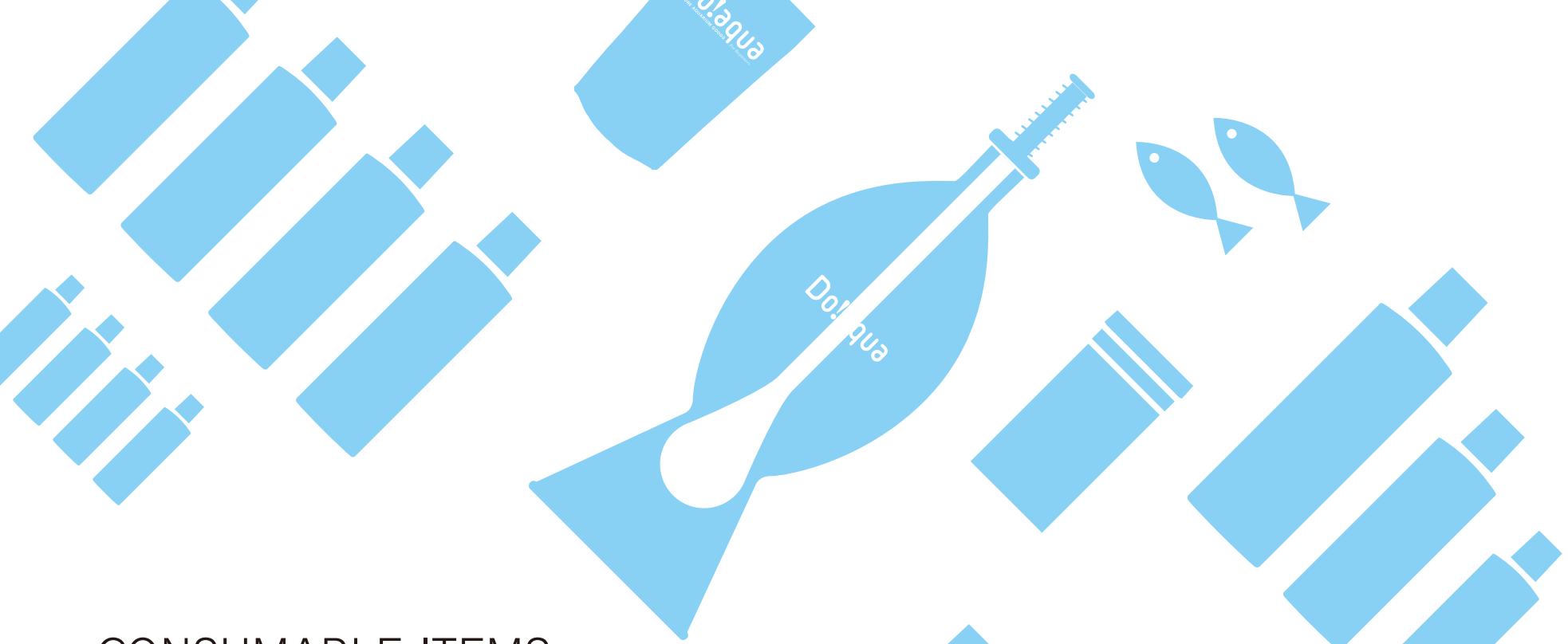
Treatment capacity of replacement cartridge

Product name	Recommended Replacement interval	Water treatment volume / production capacity
Natural Cotton Sediment Filter	Approx 6 months	
Carbon Filter HD30	Approx 6 months	Approx 30,000ℓ
Carbon Filter HD300	Approx 5 years	Approx 300,000ℓ raising pH.
RO Kit Membrane	Approx 2 years	380ℓ/day (production capacity)
DI Kit	Approx 6 months	

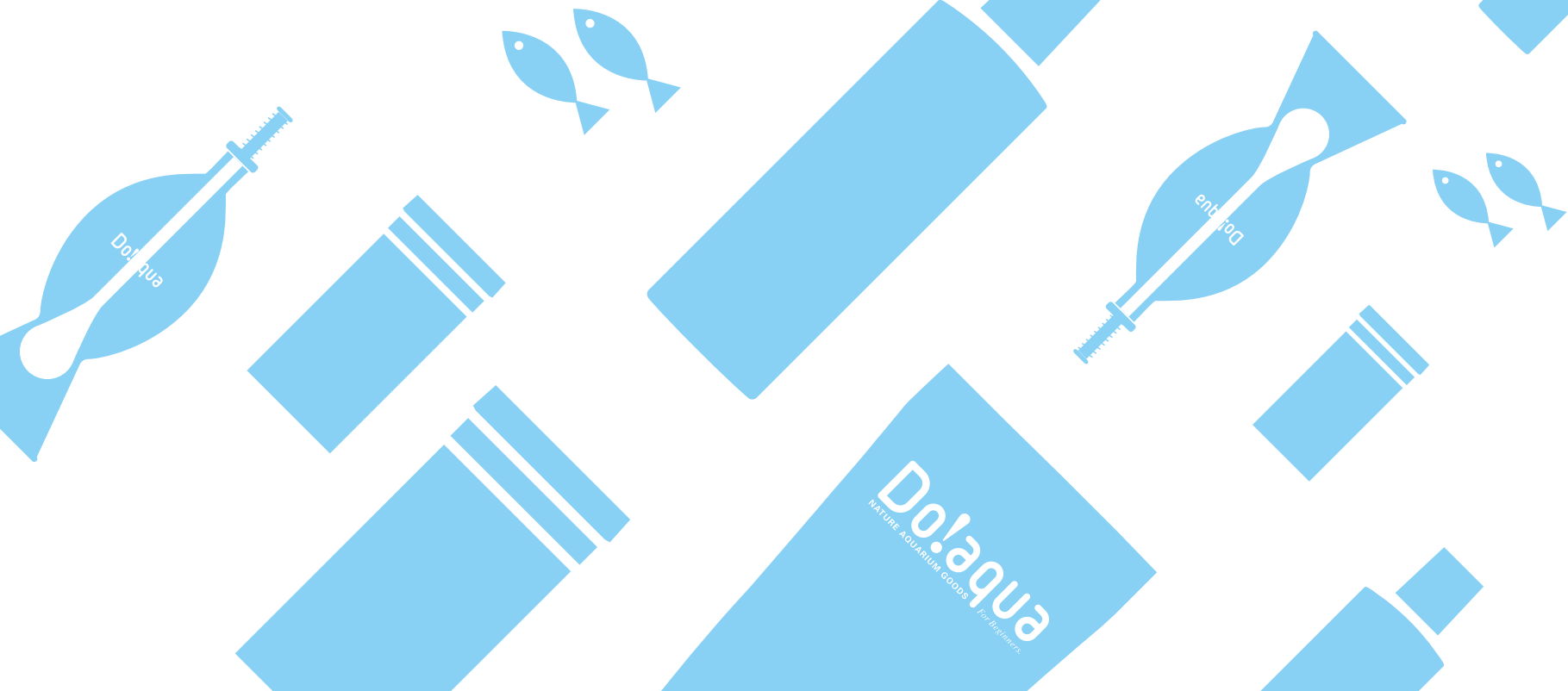
NA WATER System

Adding a optional RO Kit (reverse osmosis membrane) and DI Kit (Deionizer resin cartridge) provides superior water purification. It produces nearly pure water with few impurities.





CONSUMABLE ITEMS





be Fine

Tap water contains harmful residual chlorine and heavy metal. be Fine detoxifies harmful residual chlorine and heavy metals contained in tap water and produces fish friendly water close to nature. Recommended at water changes.

140-301 200ml



be Relax

be Relax replenishes vitamins to an aquarium and provides slime coating to reduce stress on fish. We recommend using this product when fishes are newly introduced to an aquarium or they are stressed out due to environmental change.

140-302 200ml



be Green

Most aquatic plants absorb nutrition from surface of leaves and grow beautifully. be Green replenishes potassium and trace elements that tend to be depleted more than other essential nutrients for healthy plant growth. This ready-to-use product is ideal for small aquariums.

140-303 200ml



be Soft

be Soft adjusts the quality of alkaline tap water to slightly acidic, making it more suitable for tropical fish. The water quality becomes more suitable for growing aquatic plants since carbonic hardness (KH) also decreases as the water turns acidic. (* This product contains no phosphate nor nitrate.)

140-304 200ml

Usage of be liquid

	chlorine neutralizer	vitamin preparation	Liquid fertilizer	pH lowering agent	adsorption removal agent	For Terrarium and Wabi-kusa
Add into tap water during water changing	be Fine ●					
Add to the aquarium right after releasing fishes		be Relax ●				
Add to aquatic plant tank daily			be Green ●			
Add when you want to decrease pH and KH				be Soft ●		
Add to the aquarium that algae tend to grow easily					be Clear ●	
Add to water for cultivating emersed aquatic plants						be Bright ●



be liquid can be added
easily by measuring cap.



be Clear

The nutritive salt in the aquarium accelerates the growth of spirogyra or green algae. Tiny particles included in be Clear absorb nutritive salts and control algae growth. Those particles also enhance filtration capacity by being drawn into filter media. This product can be used for marine aquariums as well.

140-305 200ml



be Bright

be Bright is the liquid fertilizer for cultivating emerged aquatic plants, in terrarium and Wabi-kusa. Apply by foliar application with a hand-spray or supply directly to emersion water. Nutrition such as nitrogen, phosphorus, potassium, and trace elements necessary for growing emerged aquatic plants healthfully can be supplied easily.

140-306 200ml



for 25ℓ

Sea Salt

Do aqua Sea Salt is fast dissolving ready to use salt for artificial marine water. It contains well balanced essential elements such as calcium and magnesium required in marine aquariums. It offers superior buffering ability and maintains stable pH. It is ideal for keeping both marine fish and invertebrates.

140-401 for 25 ℓ

140-402 for 100 ℓ





SUIKEI FOOD

This is a new fish food to enjoy attractive Suikei (aquascape). Made from carefully selected ingredients, this flake-type fish food leaves only a minimal amount of leftover, resulting in cleaner aquarium water. Suikei Food contains garlic that promotes the appetite of fishes and improves their resistance to disease. It also contains spirulina having an effect of improving fishes' body colors.

140-711 55g



Blending with 4 kinds of flake
Well balanced blending with Garlic and Spirulina into 2 basic flakes with great digestion absorption



Lid with feeding mouth
You can do daily feeding easily and cleanly from the feeding part which can be open and close.



Food Glass

Food Glass is a glass feeder developed specifically for flake food. It allows you to dispense fish food without touching them. It is hygienic and fish food does not degrade with the oil from our skin. It can be stored upright when not in use.

140-701

* It is adaptive to Maintenance Stand II Type B.
* Fish Food is not included.



Food Glass is designed for feeding flake type foods. By feeding little by little, water contamination can be kept minimum.

The sophisticated beauty was born from simple design

Each product of ADA's Nature Aquarium Goods has a simple and beautiful design. The design concept is "SIMPLE IS BEST". The aquarium system made up of Nature Aquarium Goods naturally and perfectly fits into any type of interior design and also enhances the beauty of the aquascape. ADA's aquarium system covers various sizes of aquarium tanks from small to large, and styles up every kind of space with their sophisticated beauty.



36 SYSTEM

AQUASKY 361

Cube Garden
W36×D22×H26cm

Garden Mat
For W36×D22cm

Cube Cabinet Clear
For W36×D22cm

Woodbase Board
For W36×D22cm

CO₂ System 74-YA/Ver.2 White

Ball Valve White

Pollen Glass Mini

Clear Stand for CO₂ System74

Super Jet Filter ES-150
Lilly Pipe Spin P-1 / Ø10
Lily Pipe Mini V-2 / Ø13

NA Thermometer J
J-05WH



45 SYSTEM

AQUASKY 451

Cube Garden
W45×D27×H30cm

Garden Mat
For W45×D27cm

Plain Cabinet White
W45×D27×H70

CO₂ Advanced System White

Clear Stand for CO₂ System74

Super Jet Filter ES-300
Lilly Pipe Spin P-1 / Ø10
Lily Pipe Mini V-2 / Ø13

NA Thermometer J
J-06WH



60 SYSTEM

Solar II

Solar II Stand

For W60×D30cm

Garden Stand Fitting Parts

Cube Garden

W60×D30×H36cm

Garden Mat

For W60×D30cm

Garden Stand 60 (Gun Metallic silver)

For W60×D30cm

CO₂ Advanced System White

Clear Stand for CO₂ System74

Super Jet Filter ES-600

For 36cm (H)

Lilly Pipe P-2 / Ø13

New Lilly Pipe V-3 / Ø13

NA Thermometer J

J-06WH



90 SYSTEM

Grand Solar I

Grand Solar Stand

For W90×H45cm

Cube Garden

W90×D45×H45cm

Garden Mat

For W90×D45cm

Wood Cabinet (Gun Metallic Silver)

For W90×D45cm

Tower

CO₂ Attache Regulator

NA Control Timer

Pollen Glass Large 300

For CO₂

CO₂ Beetle Counter

Super Jet Filter ES-600

For 45cm (H)

Lilly Pipe P-4 / Ø13

New Lilly Pipe V-5 / Ø13

NA Thermometer J

J-10WH



120 SYSTEM

Solar I White × 2

Solar I Stand × 2
For W60 × D45 Right & Left

Cube Garden
W120 × D45 × H60cm

Garden Mat
For W120 × D45cm

Wood Cabinet (Off White)
For W120 × D45cm

Tower

CO₂ Attache Regulator

NA Control Timer

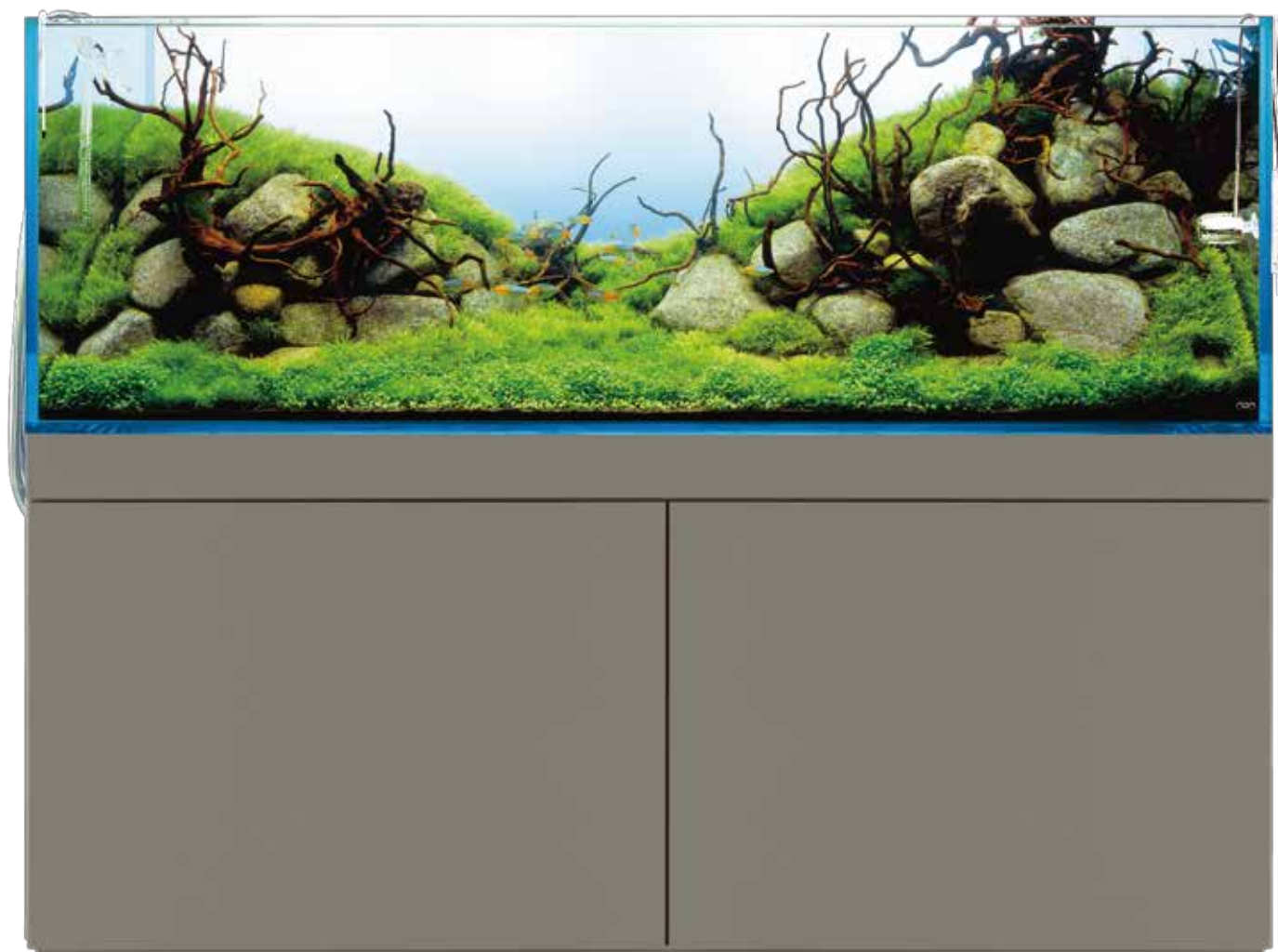
Pollen Glass Beetle 400

CO₂ Beetle Counter

Super Jet Filter ES-1200

Lilly Pipe P-6 / Ø13
New Lilly Pipe V-7 / Ø17

NA Thermometer J
J-12WH



180 SYSTEM

Grand Solar I×3

Cube Garden

W180×D60×H60cm

Wood Cabinet (Gun Metallic Silver)

For W180×D60cm

Garden Mat

For W180×D60cm

Tower

CO₂ Speed Regulator

NA Control Timer

Pollen Glass Beetle 500

CO₂ Beetle Counter

Cabochon Ruby

Super Jet Filter ES-2400

Lilly Pipe P-6 / Ø17

New Lilly Pipe V-7 / Ø20

NA Thermometer J

J-15WH





WABI KUSA

Wabi-kusa is Simple and Easy.
ADA's Original Style of Aquatic Plants.

"Wabi-kusa" offers many advantages over general aquatic plants. The greatest feature among them is that you can handle it very easily. It doesn't require any planting work, and can be just placed on the substrate of aquarium. In the Wabi-kusa form, nothing would harm the roots of plants that are easily damaged at planting, and their new shoots will grow quickly without failure. Furthermore, "Wabi-kusa" can be enjoyed in both terrestrial and underwater environments, and meets a wide range of needs, from appreciating a piece of Wabi-kusa in a glass vessel for a short period of time to creating a full-scale aquarium layout with some pieces. "Wabi-kusa" comes in more variations and can be enjoyed in various ways.



Hemianthus callitrichoides

Wabi-kusa with a popular foreground plant, Hemianthus callitrichoides. The plant has small leaves and grows short. This type of plant is good for layout planting regardless of the size of aquarium, from small to large. Hemianthus callitrichoides coming in a pot requires great care for planting and growing. Its Wabi-kusa form saves the troubles.

191-010 Wabi-kusa Hemianthus callitrichoides 5Ø

*Wabi-kusa is produced with the production method exclusively developed by ADA (Patented product).



Glossostigma

Glossostigma, regular foreground plant, now comes in Wabi-kusa. They grow rapidly and create a green carpet over the substrate by spreading their runners. Easy to grow and good for the beginners.

191-008 Wabi-kusa Glossostigma 5Ø



Glossostigma grows quickly and fills out wide spaces arranged between each Wabi-kusa Glossostigma on the substrate in a short period of time. When setting this product on the substrate, bury it slightly into the substrate. It will prevent making unevenness of the surface of substrate as the plants grow.



Utricularia graminifolia

Wabi-kusa with Utricularia graminifolia. The plant creates a dramatic view once it grows and covers up the whole substrate surface. This type of plant is easily melting away and hard to grow when initially being planted in the aquarium. In the Wabi-kusa form, however, it can avoid those troubles. Great item for creating foreground of aquascape with a unique view.

191-032 Wabi-kusa Utricularia graminifolia 4Ø



Eleocharis acicularis

This type of plant is good for giving an image of grassland to the layout and creating details around layout stones. With healthy leaves and densely growing roots, Wabi-kusa Eleocharis acicularis takes off growing rapidly on the substrate. Hardy for repetitive trimming.

191-024 Wabi-kusa Eleocharis acicularis 5Ø



Micranthemum sp.

Newly introduced Micranthemum sp. is available in the Wabi-kusa series. The plant is very popular to be used as foreground plant of planted aquarium layout because it outspreads on the substrate. When arranging Wabi-kusa Micranthemum sp. in the layout, it is important to bury it slightly under the substrate and help new shoots easily spread over.

191-034 Wabi-kusa Micranthemum sp. 5Ø



Karen

Karen is a smaller version of Stemmed Plants Mix suitable for small aquariums. It comes with a variety of stemmed plants densely flourishing. Several different combinations of plants are available. Please select your favorite at a retail store.

191-006 Wabi-kusa Karen 6.5Ø



Varieties of
stemmed plants



Echinodorus Mix

Featuring the family of Echinodorus, this product also contains several different kinds of stemmed plants arranged around the sphere. While growing under the water, they will develop submersed leaves and creates a quite impressive appearance. You can also keep Wabi-kusa Echinodorus in ADA Plant Glass and enjoy its emerged form.

191-002 Wabi-kusa Echino-Crypto Mix 9Ø



Echinodorus
'Ozelot'



Echinodorus
argentinensis



Cryptocoryne Mix

Wabi-kusa with the combination of the family of Cryptocoryne and some stemmed plants. Shade-loving Cryptocoryne grows relatively at a slow speed, and can be kept for a long period of time. There is a wide variety of Cryptocoryne plants available. You can make your own collection of different types of Wabi-kusa Cryptocoryne on ADA Waterfall.



Cryptocoryne
petchii



Cryptocoryne wendtii
'brown'



Stemmed Plants Mix

Flagship product of Wabi-kusa with various kinds of stemmed plants. This product is ideal for the background of planted aquarium layout because it immediately develops beautiful submersed leaves in the aquarium. You can also enjoy its emerged form by growing it in Plant Glass or on Waterfall.

191-001 Wabi-kusa Stemmed Plants Mix 9Ø



Varieties of
stemmed plants



Stemmed Plants Mix Red

This product is a new model of Wabi-kusa Stemmed Plants Mix series, which mainly contains popular red-color stemmed plants, like *Rotala indica* and *Ludwigia arcuata*. Once they develop their submersed leaves in the water, the Wabi-kusa gives a very glamorous impression. By arranging this product with regular Stemmed Plants Mix, it will add a touch of color to the layout.

191-012 Wabi-kusa Stemmed Plants Mix Red 9Ø



Rotala indica



Ludwigia arcuata



Mossbase

Wabi-kusa Mossbase contains Willow moss and some aquatic plants, which require relatively less CO₂. This product is mainly made with strong plants, such as *Rotala* sp. 'Ceylon', *Ludwigia repens* and *Hydrocotyle leucocephala*. Recommended for the beginners.

191-019 Wabi-kusa Mossbase 9Ø



Rotala indica

Stemmed Plants Single

Wabi-kusa with one type of stemmed plant. Stemmed Plants Single series comes with plants that are commonly used for the background of planted aquarium layout, such as *Rotala rotundifolia* 'Green', *Rotala indica* or *Rotala* sp. Simply place one on the substrate, and plants will develop their submersed leaves nicely in the water. Available in small sizes like Karen, and great for a layout requiring a delicate arrangement.

- 191-013 Wabi-kusa *Rotala rotundifolia* 'Green' 6.5Ø
- 191-014 Wabi-kusa *Rotala indica* 6.5Ø
- 191-015 Wabi-kusa *Rotala* sp. 'Ceylon' 6.5Ø
- 191-016 Wabi-kusa *Rotala* sp. 'Nanjuan' 6.5Ø
- 191-030 Wabi-kusa *Hemianthus micranthemoides* 5Ø
- 191-031 Wabi-kusa *Hygrophila pinnatifida* 5Ø



Rotala rotundifolia 'Green'



Hygrophila pinnatifida



Rotala sp. 'Ceylon'



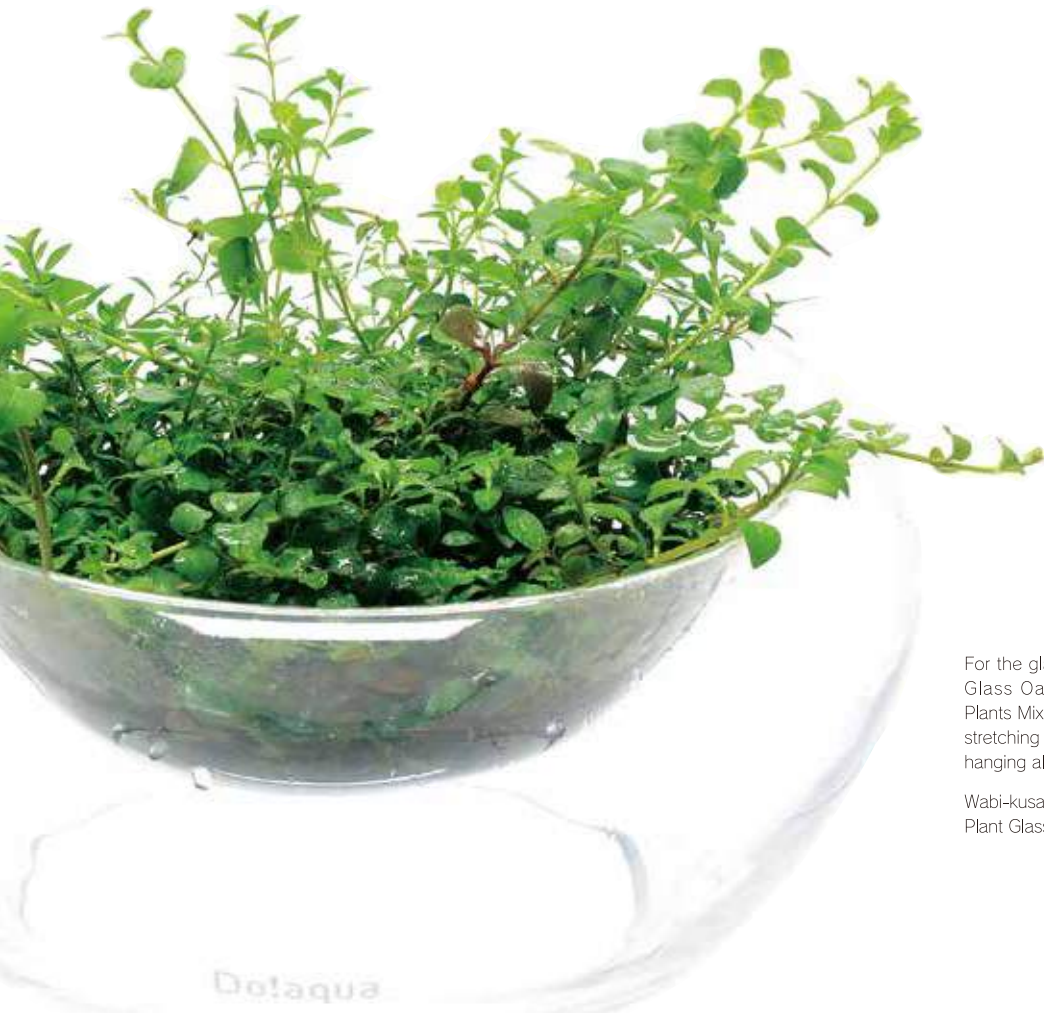
Rotala sp. 'Nanjuan'



Hemianthus micranthemoides

Fun & Casual - Wabi-kusa as Interior Greens

Many aquatic plants have an ability to live in both terrestrial and underwater environments. Those plants are fun to grow in their submersed form as well as emerged one. The aquatic plants, that we usually see underwater, may develop their emerged leaves in different shapes and bloom charming flowers above the water. The arrangement of Wabi-kusa in Plant Glass is a new approach to the hobby. If it's in the summer season, simply keep it by the window and appreciate greens of aquatic plants. Our "small water view" made with water and greens brings us a peace and comfort, and enriches our everyday life.



For the glamorous silhouette of Plant Glass Oasis, Wabi-kusa Stemmed Plants Mix is a great match. The plants stretching out of the Plant Glass will be hanging along the round contour.

Wabi-kusa Stemmed Plants Mix 9Ø
Plant Glass Oasis



Plant Glass Oval can hold an entire Wabi-kusa body. See a little world of plants created inside.

Cryptocoryne Mix 9Ø
Plant Glass Oval 17

Named after an image of water carafe. Simple beauty of Plant Glass Carafe goes well with any types of Wabi-kusa products.

Cryptocoryne Mix 9Ø
Plant Glass Carafe



A view of freely growing aquatic plants reminds us of a natural waterfront in early summer time. It would be a nice combination with the cool beauty of Plant Glass Cylinder.

Wabi-kusa Stemmed Plants Mix 9Ø
Plant Glass Cylinder 2020



With the design like a cocktail glass,
Plant Glass Valley highlights unique
spotty Echinodorus leaves.

Wabi-kusa Echinodorus Mix 9Ø
Plant Glass Valley



Plant Glass Polka. Its charming round shape
matches up so well with delicate white
blossoms of Rotala rotundifolia (Green).

Wabi-kusa Rotala rotundifolia(Green) 6.5Ø
Plant Glass Polka

Plant Glass Cube gives a sharp
impression. Keeps full bloomed Rotala
indica in shape.

Wabi-kusa Rotala rotundifolia 6.5Ø
Plant Glass Cube 15

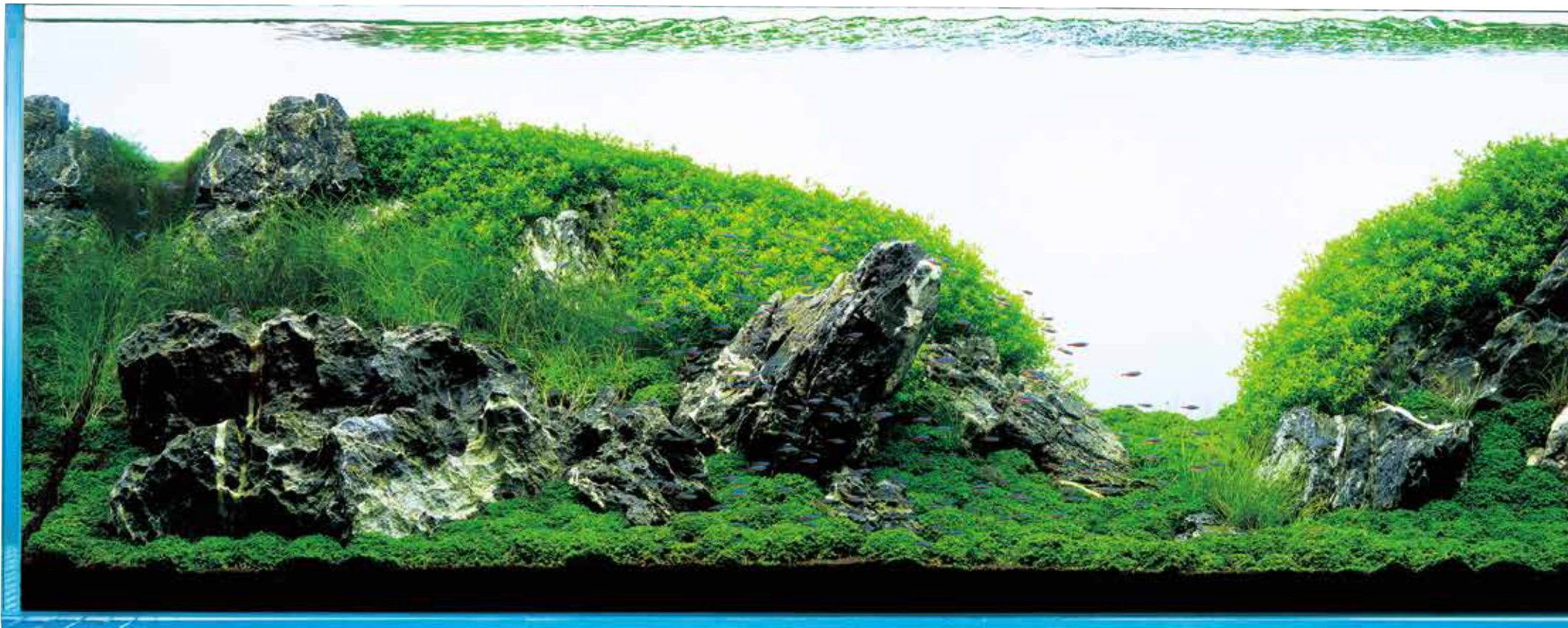


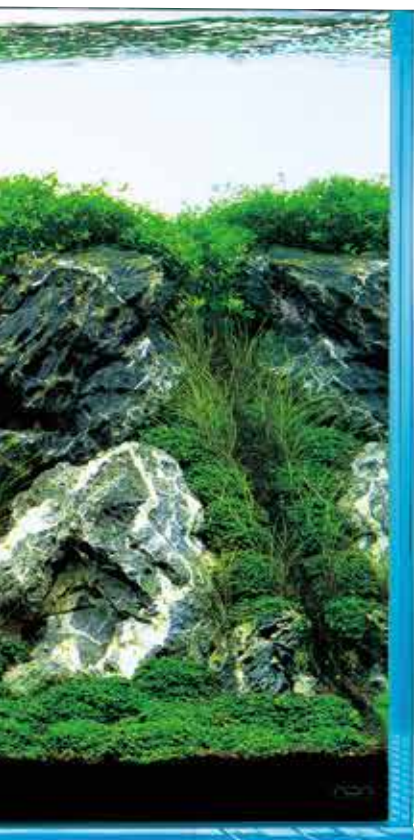
Create your own "small water view" by
simply adding a Wabi-kusa Echinodorus
Mix in a small aquarium with Wabi-kusa
Hanger. It's fun to let a few small fish
swim inside.

Wabi-kusa Echinodorus Mix 9Ø
Cube Garden
W30×D18×H24 (cm)

Wabi-kusa gives us more freedom of expression.

ADA has exclusively developed and designed Wabi-kusa products for casual use of aquatic plants (Patented). The beginners can enjoy creating a planted aquarium layout by just placing a Wabi-kusa in the aquarium without any difficult planting process. After installation, the plants immediately start growing their new shoots without troubles as they are damage-free from planting and their roots set into the base of Wabi-kusa, which is rich in microorganisms. "Aquatic plants are hard to handle." ADA Wabi-kusa series overcomes that idea, and will continue exploring the potential of aquatic plants.



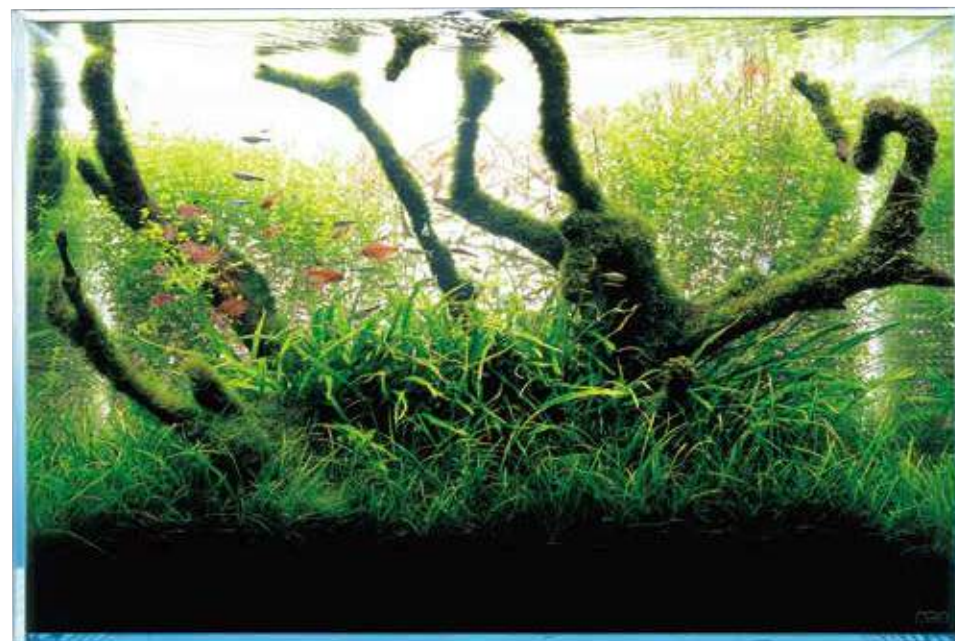


Here is a full-scale Iwagum style layout created in a panoramic W180cm aquarium. Planting on a slope of the mound area is difficult by tweezers, but is easily done by placing some Wabi-kusa products.

Wabi-kusa Hemianthus callitrichoides 5Ø
Wabi-kusa Hemianthus micranthemoides 5Ø
Cube Garden W180×D60×H60 (cm)

Aquatic plants grow so thick and abundant on Wabi-kusa. Everybody can enjoy the beauty of densely growing stemmed plants even in a tall, large-scale aquarium.

Wabi-kusa Stemmed Plants Mix 9Ø
Cube Garden
W90×D45×H60 (cm)



Wabi-kusa Stemmed Plants Mix contains different varieties of stemmed plants and turns into quite a natural-looking bush of aquatic plants.

Wabi-kusa Stemmed Plants Mix 9Ø
Cube Garden
W60×D30×H36 (cm)

ADA Layout Materials Inspire the Creativity.

Layout materials like driftwood and stones are indispensable for the creation of Nature Aquarium layouts. Those materials are all natural and each piece is unique in its own way. ADA offers a large selection of layout materials that inspire your creativity. A drama of nature can be started with a piece of driftwood.

HORN WOOD

Horn Wood gives a wild feeling to the aquascape. Combine a few pieces to build a compositional framework of the layout.



SLIM WOOD

ADA's new driftwood. Its slim and long branches stimulate a sense of layout making.



BRANCH WOOD

Branch Wood is an alluring driftwood with its branchy appearance. No need for a complicated arrangement. Recommended for the beginners.



RYUOH STONE

The rock's cool-color surface gives a refreshing impression. This is the expressive stone material with white lines and grooves running on the surface.

UNZAN STONE

Natural volcanic stone formed into the shape of mountain. It has carved pockets to place ADA Wabi-kusa products.

SANSUI STONE

Similar to Koke Stone, but SanSui Stone having layered cracks gives a more natural impression.

MANTEN STONE

The mountain stone characterized by rugged faces. This type of stone is suitable for making a full-scale Iwagumi layout.

KEI STONE

Kei Stone has a warm color and the texture that evokes a cliff at a mountain stream.

YAMAYA STONE

Yamaya Stone is a type of layout material that you want to randomly pile them up instead of carefully choosing good-shaped pieces for the layout.

KOKE STONE

With a moderately rough texture, Koke stone has a perfect complexion for Willow moss to take root.



Nature Aquarium Comes from the Harmony with Nature.

The ADA Head office stands along a river flowing across paddy fields and is surrounded by biotopes and flowers in each season. Considering the "harmony with environment", electrical power cables were buried underground, no eye catching signboards were installed, and instead, many trees were planted so that concrete building does not interfere with surrounding landscape. Biotope forest also has a role of absorbing CO₂ emitted from us. Nature Aquarium begins here. And heart of Nature Aquarium will stay here no matter how much time passes by.





ADA INFORMATION



JNN Award Winning Film featuring Takashi Amano on DVD

The Enchanted Primeval Forest [Vision of Takashi Amano]

The long-term, full coverage documentary featuring Takashi Amano is available on DVD. The program is filled with must-see precious footages for Nature Aquarium lovers, that cover his photography shootings in harsh natural environments and creation of Nature Aquariums.

Run time : 68minutes Subtitle : N/A Language: Japanese
Available at ADA registered shops and ADA Online Store:
<http://www.adana.co.jp/catalog/>



Monthly Nature Aquarium Information Magazine [Aqua Journal]

Aqua Journal is the source of the latest Nature Aquarium information. The magazine is filled with informative articles, including know-hows and techniques of aquascaping and maintenance, and landscape photographs which will help you to learn how to produce a sense of nature in your planted aquarium layout.

Full color: 50 pages, B/W: 8 pages
On Sale: 10th of each month Language: Japanese
Available at ADA registered shops and ADA Online Store:
<http://www.adana.co.jp/catalog/>



Find Your Aquascape inside [The International Aquatic Plants Layout Booklet 2013]

ADA publishes the booklet covering all planted aquarium layouts submitted to the International Aquatic Plants Layout Contest. The voluminous 2013 edition contains the total 2,164 entries from 57 countries and areas.

Full Color: 148 pages, B/W: 32 pages
2013 Edition
Available at ADA registered shops and ADA Online Store:
<http://www.adana.co.jp/catalog/>



Collection of Precious Nature Views in Sado [SADO] – To Primitive Forest from Bottom of Sea – (English version)

This photo album showcases minute details of precious nature found in the island of Sado, Japan. From 30m under the sea to the primitive cedar forest at 1,000m above the sea level, Takashi Amano captured its natural scenes with his large format cameras. Experience the world of the ecosystem photographs which were introduced to the world leaders at the Toyako G8 Summit in 2008.

Full Color: 164 pages
Available at ADA registered shops and ADA Online Store:
<http://www.adana.co.jp/catalog/>



Challenge the World with Your Aquascape! IAPLC Official Website (English)

The International Aquatic Plants Layout Contest receives entries from all over the world. With the grand prize of JPY1,000,000, we look forward to your entry! For more information, please check the contest fliers at ADA registered shops or go to the contest official website.

<http://en.iaplc.com/>



For Information of Photographer Takashi Amano Takashi Amano's Official Website

The website provides the latest information of Takashi Amano's activities as a photographer, including his photo exhibitions and publications. You can also have a look at some of his portfolios capturing the world's 3 largest tropical forests, precious natural landscapes of Japan and his Nature Aquarium layouts.

<http://www.amanotakashi.net>



Photo Rental & Sales *This service is available only in Japan

Photographer Takashi Amano's photo panels, which were captured with extra-large format films, are available for rent and sale. Excellent representation of the photos was made possible only by large format films, and they give you more precise and sharp image of the landscape than the actual landscape you see with your own eyes. A beautiful landscape photo displayed in your place will give a sense of peace and healing, and help increase environmental awareness among the viewers.



International Environmental Photographers Association IEPA Official Website

IEPA was established to enlighten our beautiful nature and inform ongoing destruction of the natural environment through photographs, which can be an initial step to increase public awareness of natural environment. IEPA is open for sponsors who wish to support its activities.

<Contact Information>
Address: 8554-1 Urushiyama, Nishikanku, Niigata 953-0054, Japan
Email: contact@iepa.jp
For more information, please go to IEPA official website.
<http://www.theiepa.org/>



The Collection of Selected Pieces of Work [Glass no Naka no Daishizen]

The collection showcases the total 185 planted aquarium layouts carefully selected by Takashi Amano from numerous layout works created in a quarter-century since 1985. This photo album also contains Amano's latest essays. A must-have book for the Nature Aquarium fans.

Japanese edition / Full color: 268 pages
Available at ADA registered shops and ADA Online Store:
<http://www.adana.co.jp/catalog/>
Also the below language is available
English, Chinese, German, French

Appreciation of True Beauty Nature Aquarium GALLERY

Nature Aquarium Gallery located in ADA's Head Office, you can see Nature Aquariums created by Takashi Amano with your eyes. Please check the latest gallery schedule on our website before planning your visit.

Address:
8554-1, Urushiyama, Nishikan-ku, Niigata 953-0054 JAPAN
Open on Sundays and Japanese National Holidays
(10:00 AM~5:00 PM)

Selected Italian Wines ADA Giorgio Wine

* This service is available only in Japan

"Giorgio Wine" is the wine distributor, marketing Italian wines selected by Mr. Giorgio Melandri who is an editor of well-known Italian culinary magazine, "Gambero Rosso". It offers an excellent selection of Italian wines in Japan.

<https://www.giorgiowine.com/> (in Japanese)



A Record of Vanishing Beautiful Nature [THE LAST AMAZON]

The Last Amazon contains extensive landscape photos captured by large format cameras, some of which were taken at the risk of Takashi Amano's life from the sky and under the water. Including the photographs of nature which has already lost and will never be seen again, this is the ultimate photographic collection of the Amazon.

Full color: 204 pages Language: Japanese
Publisher: Shogakukan
Available at ADA registered shops and ADA Online Store:
<http://www.adana.co.jp/catalog/>

To Purchase ADA Products

ADA products are available through ADA's authorized distributors and at their registered shops worldwide. Check your local ADA distributor and shops on ADA official website, and this catalog (P.176~178). If there is no ADA registered shop in your area, please contact a distributor of your country.

ADA Newsletter (English)

ADA Newsletter is a free weekly newsletter delivering new product information, event news, NA gallery schedule, ADA View video updates and more via e-mail. You can sign up from ADA official website.

URL: <https://www.adana.co.jp/en/sc/mail/>

ADA Support Center

We accept questions from our product users. If you have any questions regarding the use of ADA products, their maintenance or problems, please send your inquiry through e-mail.

E-mail: support@adana.co.jp



Post Cards by Photographer Takashi Amano [Beautiful Landscapes of Niigata]

A series of post cards comes with a panoramic view of beautiful landscapes in Niigata, Japan. 4 different sets are available based on 4 seasons (Spring / Summer / Fall / Winter). These beautiful cards are great for making season's greetings to your loved ones. Enjoy varieties of landscapes which dramatically change with the seasons.

Size: W210xH110 (mm) Set of 6 post cards per season
Available at ADA registered shops and ADA Online Store:
<http://www.adana.co.jp/catalog/>



ADA Latest Information is Available ADA Official Website (English)

Our official website is your number one source for the latest ADA news, including the up-to-date product information, list of ADA registered shops in your country, ADA also offers video clips on ADA View. We support your quality hobby time.

<http://www.adana.co.jp/en>

Nature Aquarium Exhibition in Sumida Aquarium

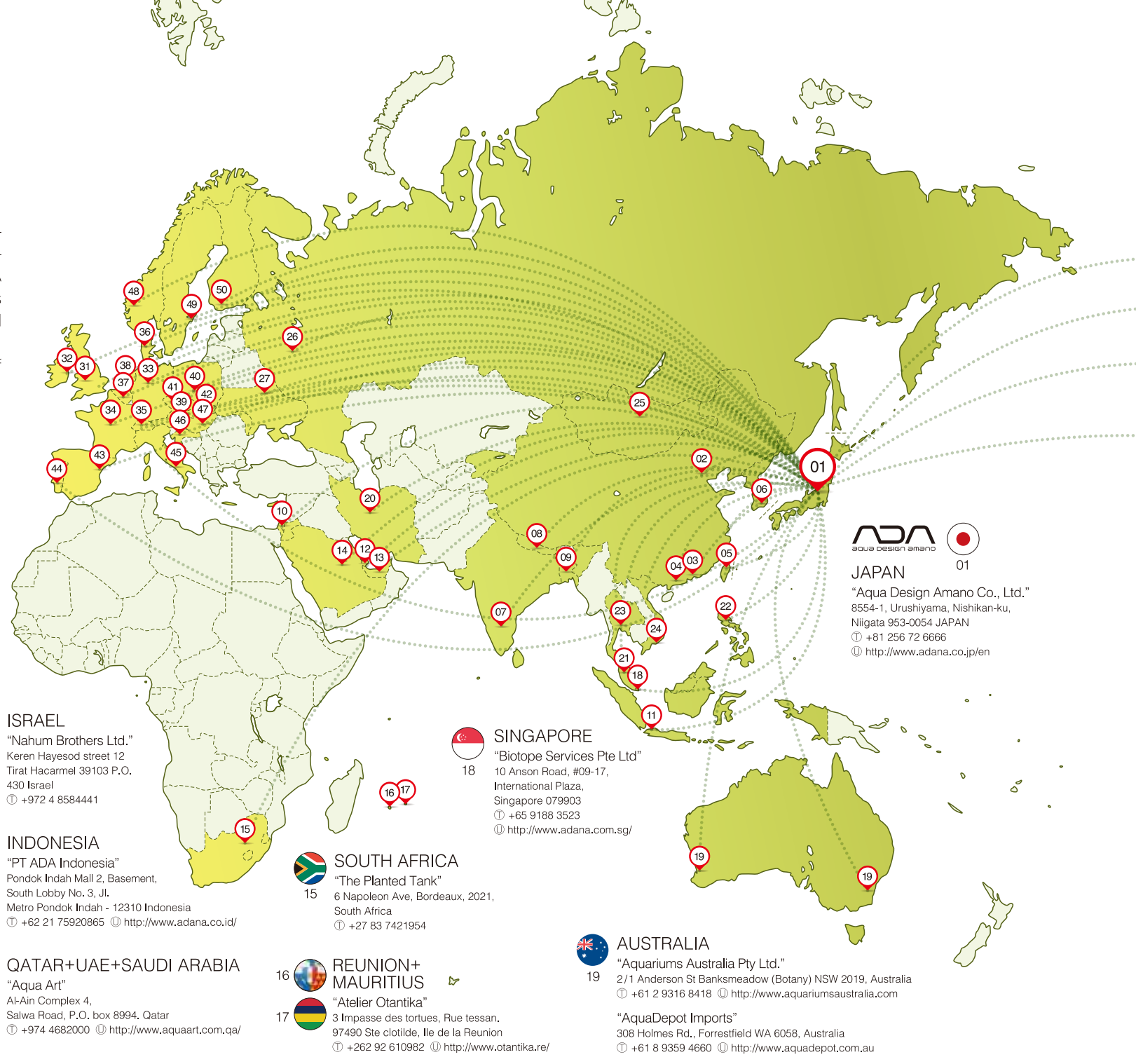
A great exhibition of Nature Aquarium layouts created by Takashi Amano is on display in Sumida Aquarium, located inside of TOKYO SKYTREE TOWN® in Tokyo, Japan. Unlike any other traditional aquarium exhibitions, the largest 7m aquarium recreates the environment, which is very similar to the real natural environment. And the visitors can observe the natural behavior of fish inside and their living. Design and installation of all displayed Nature Aquarium layouts, as well as maintenance work, are performed by ADA.

<Contact Information>
Phone: +81-3-5619-1821 (available 9:00 – 21:00 including weekends and holidays)
Address: 5-6F, TOKYO SKYTREE TOWN Sora machi, 1-2, Oshiage 1-chome, Sumida Ward, Tokyo 131-0045
Operating Hours: 9:00 – 21:00
*Admission ends one hour prior to closing time.
*Subject to change due to seasonal factors.

Closing day: None (Opens 365 days a year)
*Subject to temporary closure for facility inspections.
Official Website: <http://www.sumida-aquarium.com/index.html>

ADA: the World's Leading Global Brand

Today, Nature Aquarium has become the pleasure of aquarists in the world beyond the borders. The aquarium stores specializing in ADA products are now spreading over 50 countries and regions, and the ADA network is more and more expanding. ADA offers trust and high quality products in order to share the charm of Nature Aquarium with all aquarists in the world.



CHINA
02 "Huaqi Aquarium Co.Ltd."
Chaoyang District, Southwest Yuyuan International Level 1,
Block B, B1 Shilihe Bridge Beijing China
☎ +86 18614082988 🌐 <http://huaqi-aqua.taobao.com/>

HONG KONG+CHINA+MACAU
03 "Johnson Wai Aquarium Supply Co., Ltd."
A-1, 7th Floor, Po Yip Building
70 Texaco Rd, Tsuen Wan, Hong Kong
☎ +852 2411 0279

"AQUA WORLD H.K. CO., LTD"
03 G/F., 186 TUNG CHOI STREET, MONGKOK,
KLN., HONG KONG
☎ +852 34263028 🌐 <http://www.adana.hk>

TAIWAN
05 "Easy Trading Co., Ltd."
No.19, Sec. 2, Chinshan S. Rd. Taipei, Taiwan, R.O.C.
☎ +886 2 2358 1959

KOREA
06 "SONGWON TRADING"
Janglim dong 341-5, Saha-gu Pusan 604-042 Korea
☎ +82 51 265 8926 🌐 <http://www.adana.co.kr/>

07 **INDIA+NEPAL+BANGLADESH**
"Still Water Aquatics"
#40, 4th Main, Sankranthi Layout,
santhrupthi Nagar, JP Nagar 7th Phase,
Bangalore 560078 India
☎ +91 9886221483 🌐 <http://www.adaindia.in>

ISRAEL
10 "Nahum Brothers Ltd."
Keren Hayesod street 12
Tirat Hacarmel 39103 P.O.
430 Israel
☎ +972 4 8584441

INDONESIA
11 "PT ADA Indonesia"
Pondok Indah Mall 2, Basement,
South Lobby No. 3, Jl.
Metro Pondok Indah - 12310 Indonesia
☎ +62 21 75920865 🌐 <http://www.adana.co.id/>

12 **QATAR+UAE+SAUDI ARABIA**
"Aqua Art"
Al-Ain Complex 4,
Salwa Road, P.O. box 8994, Qatar
☎ +974 4682000 🌐 <http://www.aquaart.com.qa/>

14

SOUTH AFRICA
15 "The Planted Tank"
6 Napoleon Ave, Bordeaux, 2021,
South Africa
☎ +27 83 7421954

16 **REUNION+MAURITIUS**
"Atelier Otantika"
3 Impasse des tortues, Rue tesson,
97490 Ste clotilde, Ile de la Reunion
☎ +262 92 610982 🌐 <http://www.otantika.re/>

SINGAPORE
18 "Biotope Services Pte Ltd"
10 Anson Road, #09-17,
International Plaza,
Singapore 079903
☎ +65 9188 3523
🌐 <http://www.adana.com.sg/>

AUSTRALIA
19 "Aquariums Australia Pty Ltd."
2/1 Anderson St Banksmeadow (Botany) NSW 2019, Australia
☎ +61 2 9316 8418 🌐 <http://www.aquariumsaustralia.com>

"AquaDepot Imports"
308 Holmes Rd., Forrestfield WA 6058, Australia
☎ +61 8 9359 4660 🌐 <http://www.aquadepot.com.au>

ADA
aqua design amano
01
JAPAN
"Aqua Design Amano Co., Ltd."
8554-1, Urushiyama, Nishikan-ku,
Niigata 953-0054 JAPAN
☎ +81 256 72 6666
🌐 <http://www.adana.co.jp/en>



20

IRAN

"Aqagulf (Iran Aquarium)"
No.241, Between Javanmad &
Mahboob Mojaz, Navab Highway, Tehran, Iran
☎ +98 2155433505 🌐 <http://www.aquariumland.ir>

"Aaquplant in Iran"
NO474, Navab highway Tehran, Iran
☎ +98 2166389535 🌐 <http://www.aquaplant.ir>



21

MALAYSIA

"Aquatic Creation Technologies Sdn Bhd."
No.27, Jalan PJU 10/10C, Saujana Damansara,
47830 Petaling Jaya, Selangor, Malaysia
☎ +603-6141 6126 🌐 <http://www.adana.com.my/>



22

PHILIPPINES

"ADA Nature Aquarium Philippines"
PLC107 Warehouse 1C, La Fuerza Compound,
2241 Chino Roces Avenue (Pasong Tamo), Makati City
☎ +63 998 998 8000 🌐 <http://adana.com.ph/>



23

THAILAND

"Hygienic Coat Co., Ltd."
1/11 Kanchanapisek Rd. Salathammassop, Taweewattana Bangkok 10170
☎ +66-2-4479270 🌐 <http://www.adana-th.com/>



24

VIET NAM

"An Phuc Thanh Enterprise (APT)"
Nhà số 20 đường số 9, cư xá Bình Thới, P.8 Q11, HCM
☎ +84-8-3962 2560 🌐 <http://www.adana.vn/>



25

MONGOLIA

"Aqua World LLC"
Khan-Uul district, 1st khoroo Olympic street
"Stars town" complex-37b Ulaanbaatar, Mongolia
☎ +976 89113010



26

RUSSIA

"NEOMARIN Co. Ltd."
Pervomayskaya str., bld. 9/4, Dolgoprudny Moscow area,
141701, Russian Federation
☎ +7 495 408 3555



27

UKRAINE

"iReef"
Cervonozavodsky Ln. 2/13, of 1, Kiev 03062
☎ +38 (0)67 410 29 59 🌐 <http://www.ireef.kiev.ua>

"Zoonet Ltd."
18000 Ukraine Cherkassy city, Surikova str. 1
☎ +38 050 444 2 441 🌐 www.adana.com.ua



28

CANADA

"Miyabi Aqua Design Ltd."
PH#8-9188 Cook Road, Richmond, BC V6Y 4M1 Canada
☎ +1 604 227 2600 🌐 <http://www.miyabi-aqua.com/>



29

U.S.A.

"Archaea International Corp."
DBA Aqua Forest Aquarium"
1718 Fillmore Street San Francisco, CA 94115-3130
☎ +1 415 929 8883 🌐 <http://www.adana-usa.com/>

"Aquatic Nurseries"
126 Goffie Rd Hawthorne NJ 07507
☎ +1 201 803 1398 🌐 <http://aquatic-garden.com>



30

BRAZIL

"Aquabase"
Rua Costa Carvalho, 116 - Pinheiros, Sao Paulo - SP,
CEP 05429-000 Brazil
☎ +55 11 3819 4696 🌐 <http://www.aquabase.com.br/>



31

U.K.+IRELAND

"Aqua Scape Art Ltd"



32

Ty Mawr, Lyneal, Ellesmere, Shropshire, SY12 0LQ, UK
☎ +44 (0) 1978 355 069



33

**GERMANY+FRANCE
+SWITZERLAND+DENMARK
BELGIUM+NETHERLANDS
+AUSTRIA**

"Aqua Design Amano Deutschland GmbH"
Deichstr. 189, 27804 Berne-Motzen, GERMANY
☎ +49 (0) 4126 3961753 🌐 <http://www.ada-amano.de/>



34



35



36



37



38



39



40

**POLAND+CZECH REPUBLIC
+SLOVAKIA**

41

"ADA Idea Studio Poland"

Ul. Harcerska 146, 43-100 Tychy, Poland
☎ +48 601 330 991 🌐 <http://www.aquadam.com.pl/>



42



43

SPAIN+PORTUGAL

"Avenlux Global S.L."



44

C/ Aribau 21, local izq., 08011 Barcelona, Spain
☎ +34 936243787 🌐 <http://www.adaiberica.com/>



45

ITALY

"ADA ITALY COMPANY srl"
Via Verna 16, 80011 Acerra (NA)
☎ +39 3939785293 🌐 <http://www.adaitaly.com/>



46

CROATIA

"Rogolist - Blagović k.d."
Marina Držica 3, 47000 Karlovac, Croatia
☎ +385 99 415 5870 🌐 <http://www.rogolist.net>



47

HUNGARY

"Green Aqua Kft."
Kastély street 88, 2045 Törökbalint, Hungary
☎ +36 (23) 232199 🌐 <http://www.greenaqua.hu>



48

NORWAY+SWEDEN+FINLAND

"ADA Norge IHHC Kelleners"



49

Torgny Segerstedtsvei 166, 5143 Fyllingsdalen, Bergen,
Norway



50

☎ +47 413 08 474 🌐 <http://www.ada-norway.com/>

ADA REGISTERED SHOPS

ASIA&MIDDLE EAST

CHINA

华旗水族北京展示店
北京万宝水族超市
安家利嘉精品水族店
北京长海水草
北京疯狂水草
北京晶玉水族
欧蓝德水族
自然水景设计
北京水景绿景空间设计
北京忘情水族
海园水族
晶晶水族
上海唯景水艺
上海阳洋水族
虾之良品
上海素野水景
上海泡沫虹景
上海草绿水景
绮丽造景工作室
上海易水族
一川水族生活馆
双茗水族
七彩鸟专业水族用品编辑店
永惠水族
坚强水族
广州仙景水草
万宝水族广州店
冠峰水族
盛京水族坊
沈阳大碩水族
颜水族
长东轩水景工作室
抚顺米斯迪水族
大连skyaquarium天空水族造景设计专门店
大连浅草水族
大连鲑鱼春秋
大明水族
鞍山万宝水族
宝来水族
金石水族
水森林
铭钻水族
姿逸水族
水之森
山东青岛藤纹水族
归然水族
森淼水族
山东省水美水草超市
亚马逊生态水族
万宝水族天津店
彩旗舰精品水族器材店
天津大旺水族商贸
亚马逊水族馆
热带雨林
意境田园
听源水族
西安阅微堂室内生态水景
谭氏水族
河南大愚水族
河南海蒂水族
贵州神驰水族超市
河北石家庄羽菲草堂水族
河北秦皇岛海洋花卉
南京曼波水族
绍兴尚品水族
杭州晓明水族
杭州梵宿
苏州鱼之林水族
常州正水兰居

北京市朝阳区十里河桥西南雅园国际B座
北京市朝阳区十里河桥西南雅园国际水族B座A1-A3
北京市海淀区紫竹院路广源5号官园鱼市B区353-359号
北京市朝阳区十里河天新文化城水族西区19号, 长海水草
北京市丰台区大瓦窑305号京点联创大厦第二办公室N1号
北京市海淀区联想桥南大森林花鸟市场
北京市朝阳区十里河桥西南雅园国际水族B座C13
北京市朝阳区来广营北苑东路朝来春花卉市场F036
北京市朝阳区东四环红领市桥老水碓子花鸟鱼市场B1层E22,C18
北京市朝阳区东四环红领市桥老水碓子花鸟鱼市场B1层E18
北京市朝阳区十里河桥西南雅园国际水族B座B5A
北京市海淀区紫竹桥光源大厦地下1层A10号
上海市闵行区金汇路528号虹桥花卉水族城A88
上海普陀区曹杨路520号沪西花市A7-8
上海市普陀区曹杨路520号西宫花鸟市场A40
上海市普陀区灵石路1539号C-16
普陀区灵石路1539号 岚灵花鸟市场C-22
上海浦东东绣路1279号
上海市五角场水族市场绮丽造景工作室
周家嘴路1106号万商花鸟市场A66号
上海杨浦区大学路伟德路36-38号, 一川水族生活馆
上海市闵行区浦江镇江协路51弄55号1001室
上海市灵石路1539号D区43号
上海市闵行区虹井路718号D区36-39
上海浦东浦电路中环花鸟市场 56-58号
广州市荔湾区芳村花地大道越和花鸟批发市场N15A档
广州市荔湾区芳村花地大道越和花鸟批发市场
广州市荔湾区芳村花地湾CG6
辽宁省沈阳市铁西区万达广场58-18-18
沈阳市和平区营口西路33巷花鸟鱼大厅1楼E12
沈阳市大东区德增街19号小津桥花鸟鱼市场A30-31
沈阳市和平区北市水族坊二楼1号
辽宁省抚顺市榆林花鸟鱼虫市场一区5号
辽宁省 大连市 沙河口区联合路62号 中山公园水族大世界B-11
大连市香炉焦市场鱼市世界216-219号
大连中山公园水族大世界
辽宁省锦州市凌河区文昌里北湖山庄2-3-7
辽宁省鞍山市千山区李三台子观赏鱼交易市场
辽宁省鞍山市北胜利路316号
吉林省长春皓月大路春城大街大自然花鸟鱼市场金石水族
黑龙江省哈尔滨市道里区通顺街1号大发花鸟鱼市场1楼2号
黑龙江省哈尔滨市市大发花鸟鱼虫市场
山东省济南市天桥区鲁能康桥
山东省淄博市张店区鲁中家具城1号
山东省青岛市北区桑梓路66号南山花鸟鱼石市场319-320
山东省烟台市芝罘区西大街8号振华商厦西区7F
山东省烟台市芝罘区幸福南路东方文化市场59号
山东省潍坊市潍城区军埠口镇宝通街花鸟鱼市场
山东省日照市黄海三路东段(金马—区沿街)
天津市中环花鸟鱼虫市场
天津市南开区金福里6号楼5门101室
天津市中环花鸟鱼虫市场B区12号
山西省大同市城区前进街车程水族花卉B区12号
山西省太原青年路南沙河迎泽花卉水族展销中心门面1-2号
陕西省西安市曲江新区中海东郡南门
山西省太原尖草坪区红星美凯龙A3-B3
西安市碑林区朱雀花卉商城J-11
重庆市江北区东湖南路28号谭氏水族
郑州市国基路陈砦花卉交易市场观赏鱼区3楼3080 3106
河南省郑州市国基路陈砦花卉交易市场观赏鱼区3楼西3077-3079
贵阳市南明区油榨街282号神驰水族超市
石家庄市怀特花鸟鱼虫市场外10号
河北省秦皇岛市海港区洋花卉卉
鼓楼区清涼门大街68好信信花园东门25-51门面
浙江省 绍兴市 塔山文化广场A36-37
杭州市上城区华光路1号吴山花鸟城地下一层O62-O63
杭州市凤起路198号, 浙江凤起花鸟城49号
苏州市因果巷16号皮市街口
常州市健身北路汇金置业广场5-20

武汉阳记水族
四川顺美水族服务有限公司
成都新水族
四川森林水族
亚峰水族
湖南徐记水族
合肥尚美水族馆
自然美水景店
阳记水族
鑫艺然水景馆
深圳市吉合兵
长风轩水族
兰州红日水族
七彩水族

HONG KONG

AQUA ART HONG KONG LTD .
AQUA HOME
AQUA-LABS
AQUA-LAND DESIGN
AQUATIC PLANT SHOP
BB AQUA
BUBBLES AQUARIUM
CARKEY AQUARIUM WHOLESALE CENTRE
CHUNG HING AQUARIUM
CO2 AQUARIUM SHOP
CRS House
Crystal Garden
EBI LAB
FISH LOVES AQUA
FISHMANSHOP
GREEN CONCEPT
Happy Price Aquarium
HOBBIT AQUARIUM
HUNG TO
M & M AQUA DESIGN
MaMa Aquarium
NEW NATURE AQUARIUM
Nigon Aquarium
OCEAN FUN
QT AQUA
Red Tide Aquarium
TONY'S AQUARIUM
Wah Done Breeding Room
Wah Done Breeding Room
WATERART AQUA
WING DO AQUA COMPANY

151B Tung Choi Street, Mongkok
1 / F, 134 Tung Choi Street, Mongkok
Shop 116, 1 / F, West Coast Int'l Bldg., 290-293 Un Chau Street, Cheung Sha Wan, KLN.
B2, 139 Tung Choi Street, Mongkok
G / F, 164 Tung Choi Street, Mongkok
Shop A3, G / F Tak Wing Industrial Building, 3 Tsun Wen Road, Tuen Mun
Shop 120, 1 / F Maxi Mall, 233 Electric Road, North Point
G / F, 176 Tung Choi Street, Mongkok
G / F, 3-4 Yue On House, Yue Wan Estate, Chai Wan
1 / F, 166 Tung Choi Street, Mongkok
2 / F, 167 Tung Choi Street, Mong Kok, KLN.
1 / F, 152 Tung Choi Street, Mongkok, KLN.
RM613 Wah Shing Centre, 11-13 Shing Yip Street, Kwun Tong
1 / F, 167 Tung Choi Street, Mongkok
Unit A 10 / F, Jcg Building, 16 Mongkok Road, Mongkok
1 / F, 152 Tung Choi Street, Mongkok
Rm 526, 5 / F, Tak Lung Int'l Bldg., 179 Wai Yip Street, Kwun Tong, KLN.
Shop A3, 2 Whampoa Street, Hung Hom
Shop 20, Choi Hung Estate, Kam Pik House
1 / F, 156 Tung Choi Street, Mongkok
Rm 1607, Yuen Long Trade Centre, Wang Yip Street West, Yuen Long, N.T.
158C Tung Choi Street, Mongkok
1 / F, No. 180 Tung Choi Street, Mongkok, KLN.
G / F, Yu Yau Building, 73 Po Kong Village Road, Diamond Hill
5A, 3 / F Sceneway Plaza, Lam Tin
A7, 5 / F, Wing Hing Lee Int'l Bldg., 32 Hung To Road, Kwun Tong, N.T.
G / F, 26-28 Gordon Road, Causeway Bay
Room 187A, 2 / F, Wing Ying Bldg., 187-187 Tung Choi Street, Mong Kok, Flat D, 13 / F, Tak Wing Industrial Bldg, 3 Tsun Wen Road, Tuen Mun.
G / F, 17B Second Street, Tai Wai Village, Tai Wai
Shop B126, 1 / F Hop Yick Plaza, Yuen Long

MACAU

亞馬遜水族
漁夫之寶的蝦舍
蝦井坊

INDIA

Aishwarya Aquariums
Akaar Aquarium Pvt Ltd
Aquatopia India
CAS AQUA
Eden Aquatics
Hoo's Aquafille
I Love Pets
Jungle Aquariums
Nath Aquarium
Nautilus Aqua Systems
New Lovely Aquarium
Pappu Aquarium & Birds
Pet Bonding
Petsvilla
Reef and steam Aquascapes
Sarkar Trading Corporation
Southern India Aquarists
The Aquarium Store

Shop No 1, Plot No 1, Near Varishtaa Hotel, Near Ghansoli, Sector No 1, Vashi, Navi Mumbai – 400703
Building no 29, flat no 750, SG Barve Marg, Kurla (East), Nehru Nagar, Mumbai - 400024
#191, Shop #5, Chikka Banaswadi Main Road, OMBR Layout, Bangalore-560033
600/b, 80ft road, near Vijaya bharathi school, Girinagar, Bangalore-560085
1707, 1st Floor, 19th Main, 2nd Sector, HSR Layout, Bangalore 560102
#41, Matruchaya, West Avenue, Kalyaninagar, Pune, Maharashtra 411 006
Shop no 3, Ground floor, sapna building, SK bole road, Dadar (West) Mumbai- 400028
No.313 1st 5th Cross Kuvempurnagar Jalahalli East Bangalore-560051
AS38 K S Roy Road, Jadavpur, Kolkata, West Bengal
Mahatma Gandhi Seva Mandir building, Opposite bandra Talao, Besides Green Grover Plant Nursery, SV road, Bandra (west), Mumbai- 400050
Shop no 1, Ram Baugh Main road, Kadam area, Kalyan , Thane-421301
Plot No 3104, Near Central Bank, Samantrapur, Bhuvaneshwar , Odisha-751002
0/11-2,22nd cross Govindarajnagar, magadi main road Bangalore-560079
4 Reddy Building, Kaggadasapura main road, Maruthi nagar, Bangalore- 560075
C-901, Celebrity Homes Palam Vihar Gurgaon- 122107
Asutosh Nagar, Vivekananda Road, Garulia, 24 Parganas (N), West Bengal
No.2, Dr. Narasiman Road, (North Boag Road), Near Bharithi Raja Hospital, T.Nagar, Chennai 600 017
No.2823, 80ft Road, HAL 2nd stage, Indiranagar. Bangalore- 560008

湖北武汉市武昌徐东泰园路泰园居名雅花园1-2-302
四川省成都市指挥街50号
四川省成都市武侯区高升桥东路2-6号罗马假日广场2街1楼B2-102
四川省青石桥心叠翠城花鸟市场2楼2号
四川省德昌县凤凰大道167号
湖南省长沙市芙蓉区金苹果商场帆大市场D15栋10-9号门
合肥市长江路与铜陵路交叉口合肥小义工艺品品城3楼-3047
武汉市江岸区堤角花鸟市场A-O93
武汉市武昌区泰园路泰园居名雅花园1-2-302
内蒙古呼和浩特
深圳市布吉南湾中心荣樟106
深圳市龙华梅龙路世纪春城8号地3单元912
兰州市城关区雁宁路花鱼批发市场
靖江市鱼婆北路15号

Umino Aquarium
Wet Pets Mysore

No 164, Near Saibaba Temple & Prarthana Theatre, East Coast Road, Injambakkam, Chennai – 600115
#11, 3rd main, S.J.H road (Near institute of education school)
Vidyananyapuram,Mysore -570008

NEPAL

Pets Home
Putali Line, Dharan-09, Sunsari

BANGLADESH

Nature Aquatics
House 39, Road 2, Ambala Complex, shop # 17, Dhanmondi, Dhaka-1205

INDONESIA

ABF Aquatic
Ever Green Aquarium
Laris Sejahtera Aquarium
PT ADA Gallery
Sinar Baru Aquarium

Jl. Raya Mulyosari No. 114 / PC 31, Surabaya
Jl. Kresna No. 46, Bandung
Jl. Dr Makaliwe Raya no 37B, Grogol - Jakarta Barat
Pondok Indah Mall II, Basement 1, Lobby Selatan No.3, Jln. Metro Pondok Indah, Jakarta Selatan
Jl. Dr Makaliwe Raya no 46, Grogol - Jakarta Barat

ISRAEL

Almog Zo Center
Biotop
Chavat Hachaoit Shel
Fresh Reef
Judit Shmolbieach Pinuk
Jungle Fish
Nahum Brothers Ltd.
Naim Berman - Jerusalem
Net Fish
Perfect Reef

Hapatish 6 Power Center, Nes Ziona
Canyon City Sanrat, Malot
Sachorov 03-9618485, Rishon Lezion
Broria 4 Pinat Igal Alon 155, Tel Aviv
Shantker 61, Holon
Amal 10 Ezor Tasla, Bat Yam
Nahum chat 9, Haifa
Jerusalem, Moshav Ramat Razial
Mnor 2, Holon
Hashiloach Kiryat Metlon, Petach Tikva

KOREA

Angel aqua shop
AquaDesignshop
Hangang aqua shop
Hong san Aqua shop
Moolsokpoonggyeong
RaRa aqua shop
Sang aqua shop
Shaltanaquariumshop

Allak 1-dong, Dongnae-gu, 554-11 1F Angel aqua shop, Busan
795 Sinnae 1-dong, Jungnang-gu, Seoul, 131-131
Cheonho 1-dong, Gangdong-gu, 121-29 1F Hangang aqua shop, Seoul
Seogyo-dong, Mapo-gu 468-18 1st floor, Seoul
Mok 4-dong, Yangcheon-gu, 774-9 1F Moolsok poong gyung,Seoul
Songneung-ri, Jingeon-eup, Namyangju-si, Gyeonggi-do, 562-1
Wonjong 1-dong 341-6 2nd floor, Ojeong-gu, Bucheon-si, Gyeonggi-do
#1905, Leaders Mark Office, U-dong, Haendae-gu, Busan

MALAYSIA

Ace Story Aquatic
Alive Fish World
Aqua Fish Aquatic
Aquatic International Sdn. Bhd.
Aquatic Paradise Sdn Bhd
AquaWorld Natural Aquatic
Best Enterprise
East Aqua Studio (Great Eastern Mall)
East Aqua Studio (HQ)
East Aqua Studio (Ikano Power Centre)
East Aqua Studio (Mid Valley)
Eighty Eight Pets Mart Sdn. Bhd. (Pandah Indah)
Eighty Eight Pets Mart Sdn. Bhd. (Sunway Mas)
Exotic Aqua IN Pet
Fish Depot Solution
Fish World Accessories Suplies
Fong Aquarium
Green Ville
HT Aquatic
Hup Soon Wholesales Sdn Bhd
Jerry Fish Aquarium & Pets Enterprise
JSY Aquarium & Pet Shop
Kin Fatt Aquarium
KW Aquatic Supplies Sdn. Bhd.

53, Jalan Dedap, Taman Dedap, 13400 Butterworth, Penang
No.7-GF, Jalan Tukul P15 / P, Seksen 15, 40200 Shah Alam, Selangor
Lot F67 & F68, 1st Floor, Axis Atrium @ Axis Pandan, Jalan Cempaka, 68000 Ampang Selangor.
260A, Jalan Satu A, Kampung Baru Subang, 40150 Shah Alam, Selangor.
Lot 1898, Jalan Sg Kantan, 43000 Kajang, Selangor.
D008, Jalan PJU 10 / 3D, Damansara Damai, 47830 Petaling Jaya, Selangor.
No.72, Nyeliong Park, 96100 Sarikei, Sarawak.
Lot No.2, Lower Ground Floor, Great Eastern Mall, No.303, Jalan Ampang, 50450 Kuala Lumpur.
No.2A, Jalan Tasik Utama 5, Medan Niaga Tasik Damai, The Trillium, Lake Fields, Sungai Besi, 57000 Kuala Lumpur
Level 2, S1, Ikano Power Centre, No.2, Jalan PJU 7-2, Mutiara Damansara 47800 Petaling Jaya, Selangor.
Level 3, North Court, Mid Valley Megamall City, Lingkaran Syed Putra, 59200 Kuala Lumpur.
No.8,10 & 12, Jalan Pandah Indah 4 / 10, Pandah Indah, 55100 KL.
No.20 & 22, PJU 1 / 3D, Sunway Mas, 47301 Petaling Jaya, Selangor.
G-04-05 Gird Floor, AEON BIG Shopping Centre, Kota Damansara,Jalan Kenyalan 11 / 1, PJU5, 47810 P.J, Selangor
5-1, Jalan PJU 1/3F, Sunway Mas Commercial Center, 47301 P.J., Selangor
46x48, Jalan Bayu Permai 5, Tmn. Bayu Permai, 48000 Rawang, Selangor.
Block 12, Lot 2, Ground Floor, Jalan Utara Sandakan, Batu 4, Batu Indah, 90000 Sandakan, Sabah,
M-0-26, Ground Floor, City Mall, 88000 Kota Kinabalu, Sabah,
15F, Jalan Bakar Arang, 08000 Sungai Petani, Kedah
No.2A, Persiaran Klebang 1, KWS Perusahaan IGB, Off Jalan Kuala Kangsar, 31200 Ipoh Perak.
No.24, Jalan 9 / 23A, Medan Makmur, Off Jalan Usahawan, Setapak 53200 KL.
No.1066, Jalan Sentul, 51000 Kuala Lumpur
No.25, Jalan Development, Taman Kepong, 52100 Kuala Lumpur.
No.506, Jalan Ayer Itam, 11400 Ayer Itam, Penang.

La-Max Aquatic Sdn,Bhd.	7347, Jalan Kampung Baru, Tmn, Teratai Indah, 13400 Butterworth, Penang
La-Max Enterprise	No.4390, Jalan Raja Uda, 12300 Butterworth, Penang.
Millennium Aquarium	No.4G, Jalan Bandar 2, Pusat Bandar Puchong, 47100 Puchong, Selangor.
Natural Aquatic World	No.17, Jalan SS19/6, Subang Jaya, 47500 Selangor.
Natural Plant Aquarium	Lot 6, Jalan Seri Taming 1F, Taman Seri Taming, 43200 Selangor.
One Petz	2-1-20, ONE SQUARE, Tingkat Mahsuri, 11900 Bayan Lepas, Penang
Perniagaan Suntex Aquarium	No.14, Jalan Kijang, Taman Suntex, Batu 9, 43200 Cheras, Selangor.
Pets More Sdn Bhd (Mahkota Cheras)	458,47, Jalan Temenggung 13/9, Bandar Mahkota Cheras, 43200 Kajang, Selangor
Pets More Sdn Bhd (Wangsa Melawati)	No.27, Jalan Dataran Wangsa, Wangsa Melawati, 53300 Kuala Lumpur
Port Dickson Aquarium & Birds	303, Jalan Lama, Port Dickson, 7100 Negeri Sembilan
Pusat Aquarium Dinasti Arwana	No.8 & 9, Jalan Sri Mutiara 1, Taman Mutiara, 81800 Ulu Tiram, Johor.
Pusat Aquarium Ikan Laut Utara	No.21, Lorong Bangau Dua, Kepong Baru, 52100 Kuala Lumpur.
Quat Sweeney Aquarium	No.618, Jalan Kampung Relau, Sungai Nibong Kelik, 11900 Bayan Lepas, Penang
SaikoDeli Aqua & Bistro	87, Jalan Diplomatik, Presint 15, 62500 Putrajaya, Wilayah Persekutuan.
Stratis Stratatic Center	303, Jalan Tun Ali, 75300 Melaka
Sunny Aquatic Sdn, Bhd.	No.52A, Jalan Uga, 96000 Sibu, Sarawak.
Water World Aquarium And Pets	84, Jalan Sungai Buloh, Kampung Baru Subang, 40150 Shah Alam, Selangor.
Xian Long Aquatic Sdn, Bhd.	No.12, Jalan Ringgit 2/31, Section 23, 40300 Shah Alam, Selangor.
Xiao Yap Trading Sdn Bhd	No.33, Lorong 1, Taman Sutra, Sungai Petani, 08000 Kedah.

PHILIPPINES

A1 Pet Station Hobbes & Landes Petropolis	Unit 1 & 2, Cartimar Shopping Center, Cartimar Villa, Pasay City Flagship Store, Ground Floor Quadrant 2, Unit 1 B 14 Fort Bonifacio, Global City, taguig City
Hobbes & Landes Petropolis Hobbes & Landes Petropolis Hobbes & Landes Petropolis	Rockwell Power Plant, 327-A R3 Level, Powerplant mall, Rockwell Makati City Greenbelt 5, 3rd Floor, Greenbelt 5, Ayala Center, Makati City Shangri-la Plaza (Build City), Unit 413 Level 4, 4th Floor, Shangri-la Plaza Mall, Mandaluyong City
Pet Zone PetCo - Abreeza Mall PetCo - NCCC PetCo - SM Ecoland PetCo - Victoria PetsplusFishabitat Piper's Pet World Piper's Petshop community Riverfront Aquaria	207 Wilson Street, Greenhills, San Juan City #3113, 3rd Floor, Abreeza Mall, J.P. Laurel Avenue, Bajada, Davao City Lot Area 127, Ground Floor NCCC Mall Ma-a Davao City Ground Floor, SM City Davao, Quimpo Blvd., Matina, Ecoland, Davao City 2nd Floor, Victoria Plaza, Bajada, Davao City 22 Jabon Street, San Joaquin, Pasig City 7 Saint Patrick Square, Don Ramon Abotitz Street, Cebu City 113 TPE Bldg. Gov. Cuenco Road, Banilad, 6000 Cebu City Ground Floor, Ludo & Luyum Building, Plaridel Street, Cebu City

QATAR

AquaArt Al-Ain Complex 4, Salwa Road, P.O. box 8994.

UAE

Aquarium Concept – ACE	Dubai Festival City - Ace Hardware
Aquarium Concept – DGC	Dubai Garden Centre - Al Barsha
Creatures Oasis	31A Street Jumeira 1 Dubai
My Pet Store	Below Dunes Hotel Apartments, Amman Street, Qusais Dubai.
Think Fish	Dubai Investment Park

SAUDI ARABIA

Jungle Land Deerah, Riyadh, Saudi Arabia

SINGAPORE

Aquarist Chamber Clementi Florist And Aquarium (C328)	787A Upper Serangoon Road 534655
Fishy Business Hong Yang Aquarium and Pets Accessories	Blk 328 Clementi Ave 2 #01-210, 120328 Blk 46 Sims Place #01-125 380046
Jing Zhong Xiu Trading (Pets Boutique)	Blk 306 Choa Chu Kang Avenue 4 #01-681, 680306
New Katong Aquarium PetMart Pte Ltd	Blk 711 Ang Mo Kio Central #01-3501F, 540711 865 Mountbatten Road, #B1-23 Katong Shopping Centre, 437844
Polyart Aquarium Sam's Pet & Aquarium Sun Pets & Aquarium	Blk 151 Serangoon North Avenue 2 #01-79, 550151 Blk 328 Clementi Ave 2 #01-194, 120328 Blk 82 Marine Parade Central #01-606, 440082
Superstar Aquarium and Pets Centre That Aquarium (Y618)	26 Seletar Farmway 1, 798126 Blk 481, Tampines Street 44 #01-269 520481
Yun Feng Aquarium	Blk 618 Yishun Ring Road #01-3236, 760618 Blk 824, Tampines Street #1-012, 520824

TAIWAN -

福爾摩沙	台北市內湖區內湖路3段57號
多彩	台北市中山區中原街34號
悠訪	台北市中山區森北路67巷24弄1號
迎趣	台北市信義區莊敬路219號
上格	台北市中正區金山南路1段66-5號

水族之森

優雅	台北市松山區民權東路5段8號
軒軒	台北市松山區民權東路5段2-1號
番王	新北市中和區國通路252巷21號
青島	新北市五股區新五路2段203號
青島	新北市板橋區寶踐路129號
貓的	新北市新莊區中正路554號
貓的	新北市蘆洲區仁三路162號
生活	苗栗市新興街3號
蝦海	台中市沙鹿區鎮南路2段367號
魚草屋	台中市西屯區玉門路70號
海中	雲林縣虎尾鎮中正路386號
魚樂園	高雄市苓雅區武仁街192號
草影	高雄市三民區建工路804號
永信	屏東市自由路623號
天空魚	屏東市自由路396號
優逗	臺中市正氣路381號

THAILAND

88 Aquarium Store	Room B29 JJ-mall Jatujak Bangkok
AC & OP Aquarium	JJ Mall fish market
AIIFISH Aquarium	Room D42-D44 Jatujak Plaza Zone DSQJ 10
Aqua Living	Kanchanapisek Rd. Taweewatana
Aqua Mind Aquarium	A80 S09 Kampaepegch Rd. Jatujak Bangkok 10900
Aquarius	15 / 139 ramitrn 40, Krungum, Buengkum, BKK, Thailand
Aquaupa	97 / 236 Moo.19 Bangnamad Salathammassop Taweewatana Bangkok 10170
Atlantis	Unit#311 2nd Floor JJ-Mall Kampaepegch2 Rd. Ladyao Chattuchak Bangkok
Chapter P	Fish Scene log.8-16 Soi 1-2 in Thonburi Market thawee wattana rd. Bangkok
Datchanee Aquarium	93 / 11 Manas Rd. Naimuang Umphor Muang Nakornratchasima 30000
Evergreens	1 / 11 Kanchanapisek Rd. Salathammassop, Taweewatana Bamgkok 10170
Landscape	Srinakarin Rd, North Samrong
Maled Kah Fe Aquatist Chiangmai	23 moo 10 Suthep rd. A,Muang Chiangmai Thailand
ONE STOP Aquarium	Unit D02,D04 Srisornratana Market Jatujak Bangkok
Phak Nam	"Srisornrath Market Jatajak"
Pranee	Srisornrath Maket Jatujak
Ratana Farm Aquarium	JJ Mall Fish Market
RoJ Aquarium	A33-34 JJ Mall Market Chatchak
Shrimp Mania Pinklao	95/1047 P&P House Building Boromrajchonnanee Rd.
	17 Aroonamrintr Bangkoknoi Bangkok 10700
Shogun Farm	73-76 Kamtieng Market Superhiway Rd. Paton Ampur Muang Chiang Mai 50300
Tae Mai Nam	Jatujak Plaza
The Nature	A 26, A 28 Near JJ mall Market
Tiger Aqua Plant	113 / 4 Moo.1 Soi,Kaimook2 Tumbon,Phadad Aumphor Muang Chiang Mai 50100
Ton Nam Aquarium	48 / 4 Padongpakdee rd. Hadyai Songkla

VIET NAM

THANH TINH AQUA	49 Đặng Công Trứ , phường Vĩnh Nguyên , Nha Trang.
Thủy Sinh Phương Đông Aquarium	20 Tuy Lý Vương, Ward 13, District 8, Ho Chi Minh City
VIETAQUA	67 Núi Trúc, Kim Mã, Ba Đình , Hà Nội

EUROPE

AUSTRIA

Aquaristic and more aquascapers	Grünackerweg 6 / 3, Kalsdorf bei Graz 8401
Make Aquaristics!	Am Wald 9/2 8071 Hausmannstätten
Malawi's, Garnelen & Co	Jaunitzstrasse 16, Freistadt 4240
reefness GmbH	Untergreith 83, 8160 Weiz
Tomy's Zoo Brunn am Gebirge	Schönbrunner Str. 218-220, Wien 1220
Tomy's Zoo Wien	Josef-Strebl-Gasse 6, 2345 Brunn / Geb.
	Brünner Straße 73a, 1210 Wien

BELGIUM

AQUA SERVICE 33 Place Roosevelt, 6180 Courcelles

CZECH REPUBLIC

Přirodní akvária Poručíka Hoši 3, 747 11 Kozmice, Czech Republic

DENMARK

Planteimporten Valdemarsgade 18-20, 1665 Copenhagen V.

FRANCE

Aquarium Concept	4 Grande Place, 07800 La Voulte sur Rhone
aquascape boutique	9 rue Théodule Villeret - 95130 LE PLESSIS BOUCHARD
Floraquatic	Les Royantes - BP 534, 13681 Aubagne Cedex
h2oaquarium	505 chaussée jules Ferry, 80000 Amiens
NAD-Nature Aqua Design	1 Bis avenue Bremonterot, 33610 Cestas

Paonefish 146 Rue Maurice Berteaux – 95870 BEZONS
Zone Aquatique 204 La Baumondière, 44240 Sucé sur Erdre

GERMANY

Aqua Inspiration
 Aqua Studio Olching
 Aqua Stuido Bad Oeynhausen
 Aqua Terra Point
 Aqual Nano & More, Köln
 Aquadesign GmbH
 Aquaristik- Pascal
 Aquaristik-Deluxe
 Aquarium - Der Welsladen
 Aquarium Tonndorf
 Aquarium West, München
 Aquasabi
 Aquascaping-Shop
 aquatop Würselen
 Biconeo GBR
 Brulliant-Bees
 Das Aquarium Braunschweig
 Dendro GartenMarkt
 Diskuszentrum München
 Fressnapf Paderborn XXL
 Fressnapf XXL Hamburg-Farmsten
 Futterhaus Buchholz
 Garnelen-Guemmer
 Garnelen-Tom
 Garnelenaus
 Garnelio
 Hawi-Aquaristik
 Hega Pet Markt Hannover
 Kölle-Zoo Balingen
 Kölle-Zoo Frankfurt
 Kölle-Zoo Heidelberg
 Kölle-Zoo Heilbronn
 Kölle-Zoo Karlsruhe
 Kölle-Zoo Ludwigshafen-Oggersheim
 Kölle-Zoo München
 Kölle-Zoo Münster
 Kölle-Zoo Nürnberg
 Kölle-Zoo Stuttgart
 Kölle-Zoo Villingen-Schwenningen
 Kölle-Zoo Weil am Rhein
 Kölle-Zoo Weiterstadt
 Krüger-Aquaristik
 Peter 's Laden
 Schreiber Aquaristik Langenhagen
 Tierfachmarkt Hanau
 Zierfischcenter - Mering
 Zoo Flottmann, Rodgau
 Zoo Zajac Duisburg
 Zoopalast Frankfurt-Sossenheim
 Zoopalast Wiesbaden
 Zoowelt Ludwig Wolfsburg

Germanenstraße 4, 53175 Bonn
 Plarrstr. 5, 82140 Olching
 Alter Rehuierweg 22, 32545 Bad Oeynhausen
 Erlenstr. 10, 73663 Berglen-Steinach
 Münsterfelder Str. 1a, 50938 Köln
 Stedingen Straße 83, 26135 Oldenburg
 Reichenauer Str. 55, 78467 Konstanz
 Frida-Lenz-Straße 8, 79664 Wehr
 Zwickauer Straße 159, Chemnitz 09116
 Stein-Hardenberg-Str. 9-13, 22045 Hamburg
 Weinberger Str. 57, 81241 München
 Hamburger Str. 273b (B13), Braunschweig 38114
 Volkstraße 3, Augsburg 86150
 St.-Jobser-Str. 57, 52146 Würselen
 Am Bahnhof 1, 31863 Coppenbrügge
 Wilhelm-Brullift-Str.3, 86161 Augsburg
 Hamburger Str. 283, 38114 Braunschweig
 Bayreuther Straße 43, 95500 Heinersreuth
 Grafingerstr. 24, 81671 München
 Karl-Schurz-Straße 2-4, 33100 Paderborn
 An der Waldörfer Bahn 7, 22159 Hamburg
 Maurerstraße 42, 21244 Buchholz
 Klingsorsstr. 63, 12167 Berlin
 Zährlingen 12, 89174 Altheim/Alb
 Moellner Landstrasse No.77, 22113 Oststeinbek
 Friedrichstr. 74, Mannheim 68199
 Wickeder Straße 259, Dortmund 44319
 Karlsruher Str. 33, 30519 Hannover
 Wasserriesen 32, 72336 Balingen
 Mainzer Landstraße 681, 65933 Frankfurt-Griesheim
 Eppelheimer-Straße 38-40, 69115 Heidelberg
 Gottlieb-Daimler-Straße 9, 74076 Heilbronn
 Am Storrenacker 3, 76139 Karlsruhe-Hagsfeld
 Oderstraße 3b, 67071 Ludwigshafen-Oggersheim
 Stockacher Straße 5, 81243 München
 Robert-Bosch-Straße 2-4, 48153 Münster
 Konstanzen-Straße 86-88, 90439 Nürnberg
 Schwiebinger Straße 230, 70435 Stuttgart-Zuffenhausen
 Neuer Markt 10, 78052 Villingen-Schwenningen
 Hauptstraße 435, 79576 Weil am Rhein
 Robert-Koch-Straße 1a, 64331 Weiterstadt
 Schanzenstr. 40, 90478 Nürnberg
 Rosenstr. 7, 51143 Köln
 Weidenbruch 33a, 30851 Langenhagen
 Moselstraße 2B, 63452 Hanau
 Kirchstraße 12, 86415 Mering
 Ludwigstraße 9, 63110 Rodgau
 Konrad-Adenauer-Ring 6, 47167 Duisburg
 Westerbachstraße 152, 65936 Frankfurt-Sossenheim
 Appelallee 33, D-65203 Wiesbaden
 Hehlinger Str. 21, 38446 Nordsteimke

HUNGARY

TRÓPUS Petőfi S. sqt. 83 / a, Szeged 6726

IRELAND

Aquaworld Aquariums Ltd	H2A Centre Point Business Park, Oak Drive, Dublin 12
Seahorse Aquariums Ltd	Unit 3, St Joan's ind Est Turnpike Road, Ballymount, Dublin 22

ITALY

Acquari e dintorni	Via delle Robinie 104 - Roma (RM)
Acquari Giapponesi Zen	Via Generale Arimondi 95 Palermo (PA)
Acquari Zen	Trieste (TS) - Via Genova 23 / A
Acquario E Dintorni	Breda Arsizio (VA) - Via Mazzini, 48
Acquaromania	Piedipetra (MC) - Via G.B. Velluti
Acquarissima 2000	Torino (TO) - Via De Sanctis, 94 / B
Agrizoo	Valdagno (VI) - Via Enrico Fermi, 20
Animal House	Pomigliano D'Arco (NA) - Via Puccini, 11
Aqua Zone	Roma (RM) - Via Aurelia, 668/A
Aquarium Lab	Via Giovanni XXIII, 136 Carpi (MO)
Azienda Agricola Robustelli	Ranco (Varese) - Via Quassa, 27

Barriera Corallina Blu Coral Fishes And Sports Flora e Fauna H2O Acquari I Colori Del Blu Idea Acquario Il Tucano L'Acquario L'Acquario Laguna Blu Moby Dick (Anagnina) Moby Dick (Fiumicino) Moby Dick (Latina) Moby Dick (Pomezia) Moby Dick (Tiburtina) Mombelli srl Mondi Sommersi Mondo Animale Mondo Sommerso Mondonatura Acquari Oltremare Oltrenatura Planet Reef Tropical Zoo Wabi Sabi Zoo Acquario	Lissone (MI) - Via S. Rocco, 83 Roma (RM) - Via Tripoli, 8/10 Alessandria (AL) - Via Marengo, 75 / bis Via Parmenide 6 - Salerno Roma (Roma) - Viale Amelia, 21 A/B Solara (MI) - Via Sandro Pertini, 3 Anguillara Sabazia (RM) - Via Anguillarese, 66 Pomezia (RM) - Via dei Castelli Romani, 55 Napoli (NA) - Viale Augusto, 118 Via dei Prati Fiscali, 263 Roma Castellidardo (AN) - Via Romolo Murri, 20 Via Torre Di Mezzavia, 35 Roma (RM) Via Portuense, 2000 Fiumicino (RM) Viale Pier Luigi Nervi Latina (LT) Via del Mare, KM 18,600 Pomezia (RM) Via Tiburtina Km 20,500 00012 Guidonia Montecelio (RM) Chiari (BS) - Via Rudiano 27 Faenza (RA) - Via Risorgimento, 46 Cosenza (CS) - Via 24 Maggio, 52 Genova (GE) - Via Piacenza, 82 Via Luigi Caldieri 152 Napoli Via Leopardi 14 - Falconara Marittima (AN) Roma (RM) - Circonvallazione Appia, 97a Via F.Lli Pagano, 5 Caserta Piazza Puecher 8/b Trieste (TS) Via Cardinale Mazzarino 76 - L'Aquila (AQ) Monterotondo Scalo (RM) - Via Col di Lana, 24
NETHERLANDS aquascapen.nl Aquaqua Diebo Huisdierwereld Het Garnelenhuis	Hanebalken 116, 9205 Drachten Postbus 187, 8330 AD Steenwijk Ravenswade 54, 3439 LD Nieuwegein Röntgenstraat 15, 5914 WC Venlo
NORWAY Akvarieglede Nikolai Bergersen Akvarielageret Aquadesign Kenneth Tempel WebZoo Zoo 1 Drotningstvik	Fikkan, 7944 Indre Nærøy Storeundsveien 221, Torvastad Magnus' gate 7 0650 OSLO Heggedalsbakken 6, 1389 Heggedal Drotningstvikveien 132, 5179 Bergen
POLAND Akwarysta S.C. Akwarystyczny 24 Aqua Atelier Aqua-Zen Aquascape Atelier Atoll-Zoo CAD Maciej Michalski Colisa Iquitos Konrad Szumilas Mc Ten Marcin Wnuk Milux-aquarium sklep Murena NA Akademia Panaque Zoo peHA:68 PLANTA GARDEN PLANTICA SHOP Pracownia Roślin Wodnych RoślinyAkwariorowe.pl Gallery Rybarium Sklep Belio.pl Sklep Zoologiczny AKWARYSTA Sklep Zoologiczny Leopardus Sklep zoologiczny Leopardus Studio Aquarium Trzmiel Turkus Aqua Anet ZOO Iquana Zoo-centrum ZY-RAFA	Warszawa ul. Janowskiego 13 Swidwin ul. Potczyńska 34 Ul. Jana Dekerta 2, 80-262 Gdańsk Kraków ul. Grzegorzeczka 7 Kraków ul. Reduta 9 A / 34 Warszawa ul. Umńskiego 16 A Kraków ul. Młyńska 12 Sopot ul. 23 Marca 77c Warszawa ul. Arkuszowa 58 Warszawa ul. Umńskiego 16 A Warszawa ul. Ogrodowa 39/41 Szczecin ul. Kadłubka 41 Łublin ul. Szafirowa 15 Łódź ul. Bratysławska 10A Warszawa ul. Wokalna 4 Warszawa ul. Ogrodowa 39 / 41 Ul. Marii Konopnickiej 8 34-600 Limanowa 50-202 Wrocław ul. Księża Witolda 33 Polska, 52-204 Wrocław, Obroncow Poczty Gdanskiej 5 / 20 Kraków ul. Młyńska 12 Łódź ul. Gdańska 126 Wrocław ul. Na Grobli 20-24 Ul. Janowskiego 13 lok U-1, 02-784 Warszawa Ul. Zakopiańska 62, Kraków Ul. Piłsudskiego 44, Rzeszów Warszawa ul. Zagłoby 16b Wrocław ul. Rogowska 50b Wrocław ul. Hrobaczewskiego 4-6 Ul. Wojska Polskiego 4a, 37-450 Słalowa Wola Rzeszów ul. Okulickiego 10 Wadowice ul. Mickiewicza 5 Kraków ul. Kazimierza Wielkiego 59

PORTUGAL AQUAEDEN	RUA ENGENHEIRO RUI NOGUEIRA SIMÕES LOTE 4 LOJA B,2665-622 MALVEIRA
RUSSIA «Птичий» рынок ТК «САДОВОД» Аквариумшоп Арована ADA& Nature Aquarium Center Amazon Amazonia AQAmix	МКАД, 14 км, 12 линия, павильон 8 ул. Кулакова д.20 Ленинский пр-т, д. 160а Московская обл., г. Долгопрудный, ул. Первомайская, 9 / 4 Blagoveshchensk, ul. Lenina 40 Kursk, ul. Dzerzhinskogo 67 Россия, Московская обл., г. Долгопрудный, ул. Ак. Лаврентьева, д.21 "Хобби центр"
Aqualogo supermarket Aqualogo supermarket Aquamagis Aquarium world Aquarium Zoomir Aquarium-Center ВитаВатер IP Mashunin A.A. Sim Sim Vitavore Zoomagazin na Vavilova	Akademika Anohina St., 66 Moscow, Salvador Allende str., 7 Moscow, Avtozavodskaya str., 16, bld.2 Rostov-on-Don, Krasnoarmeyskaya str., 278 Krasnoyarsk, Karla Marksa st. 56 Krasnoyarsk, Mira pr. 115a Астраханский переулок, дом 5 Nizhegorodskaya obl, Arzamas, ul. Parkovaya 5, kv. 39 Belgorod, Zheleznodorozhnaya ul. 121, kv. 198 St. Petersburg, Slachek ave., 158 Krasnoyarsk, Vavilova 35
SPAIN ACUARIO SANTAREM AQUAMAIL,S.L. AQUARIA Aquazen ARTE AQUATICO BADIS AQUARIUM BICHORIUM DAUER DENDROACUA FAUNA FLOR FAUNA PARADÍS Interacuario IWAGUMI – PAISATGE I DECORACIÓ Kuka & Grok MUNDO ACUARIO NASCAPERS Natur Gallery Pajareria oses PZES TROPICAN MASCOTAS	Calle Campo de San Antón, 3 local C / Union Begoñesa, 52 48004 Las Arenas-Getxo C / Arzobispo Domemeh, 40 50006 Zaragoza Avd. Josep Tarradellas, 7, 08206 Sabadell, Barcelona C / El Toboso, 10 Local Dcha, 28019 Madrid AVDA PRESIDENT MACIA, 21 BAJOS C / Charles Dickens 9 Local 12 29010 Málaga C / T allers, 48 bis, 08001, Barcelona Avda. Cesario Alieria, 86 50013 Zaragoza C / Doctor Jimé'nez Di'az, 8 03202 Elche Crta. Castellar Terrassa C / Alonso Cano 57 Bajo izquierda, 03014 Alicante ROGER DE LLURIA 3, LOCAL 1 08009 Av de Zurriola, 36 20002 San Sebastián, España Nicolás de Pax, 21 07006 Palma de Mallorca C / Ramón Campoamor, 71 bajos dcha, 46022 Valencia C / Arribau 21, local izquierdo, 08011, Barcelona. C / Chile, 1, 26005 Logroño C / Doce de Octubre, 11 28009 Madrid Galería Comercial Carrefour San Juan Aznalfarache 41920 San Juan de Aznalfarache (Sevilla)
SWEDEN Godherms Zoologiska	Kungsladugårdsgatan 22, 414 69 Göteborg
SWITZERLAND my Scape AG Unterwassergärten Widmer Aquarium Zoo Thun	Hauptstr.51, 4142 Münchenstein Elgerstrasse 30, 83536 Ettenhausen TG Awangerweg 5, 4528 Zuchwil Frutigenstrasse 9, 3600 Thun
U.K. Aquajardin	Blooms Garden Centre, Bath Road, Harefield, Nr Stonehouse, Gloucestershire, GL10 3DP
Aquatic Design Centre Charterhouse Aquatics Emperor Tropicals & Water Garden Centre The Green Machine	109 Great Portland St. London W1W 6QG Charterhouse Aquatics, Arch 330 / 331 Stean Street, London E8 4ED St Erth Road, Manadon, Plymouth, Devon PL23SW Unit 1A Puleston Industrial Estate, Ruabon Rd, Wrexham, LL13 7RF, UK
OCEANIA AUSTRALIA All Round Aquatics Animal Obsession Deer Park Exotic Aquatic Gosnells Aquarium Hi-Tek Aquariums Hunter Pets	26 Lake Rd Blackburn VIC 3130 50 Oak St Andergrove Mackay QLD 4740 4 / 87 Station St Deer Park VIC 3023 315 Neerim Road Carnegie, Melbourne Victoria 3163 2316 Albany Hwy Gosnells WA 732 Pittwater Rd Brookvale NSW 2100 14 Waterloo Ave Thornthorn NSW 2322

Jem Aquatics Living Reef Aquariums Majestic Aquariums Reef And River Seaview Aquariums Slippery Little Suckers South Coast Aquarium	2617 Weedon Close Belconnen ACT 2617 Shop 8, 1136 Gold Coast Highway and Palm Beach Av. Palm Beach, QLD 4221 7 / 120 Taren Point Rd, Taren Point NSW 2229 25 Ormand Rd East Geelong VIC 3219 Shop 2, 386 Wanneroo Rd, West Minster Perth WA 632 Anzac Pde Kingsford NSW 2032 29 Collins St Kiama NSW 2533
THE AMERICAS BRAZIL Aqua Base AquaHouse	Rua Costa Carvalho, 116 - Pinheiros, Sao Paulo - SP, CEP 05429-000 SCLN 109, Bloco C, Loja 31, Brasília - DF
CANADA Angel Fins Aquariums by Design Aquariums West Canadian Aquatics Golden Guppy Inc Got Fish Inc? Le Centre Aquatique WM Lucky Aquarium	31 Arrow Road, Unit 6, Guelph, Ontario N1K 1S8 668 Erb St. West, Waterloo, ON N2T 2Z7 796 Beatty Street, Vancouver, BC 11180 Blundell Road Richmond, BC V1L 1L3 1274 Bedford Highway, Halifax, Nova Scotia B4A 1C7 501 Hazeldean Road, Kanata, ON K2L 1V6 3175 Boul des Récollets, Trois-Rivières, QC G9A 6M1 4350 Steeles Avenue East, Box 142, Suite #F104A, 2nd Floor, Markham, Ontario L3R 9V4
Pisces Pet Emporium The PlantGuy	4921 Skyline Way NE, Calgary, Alberta, T2E 4G5 105 Portwood Rd, Winnipeg, MB, R3Y1N2
U.S.A. A+ Tropical Fish Albany Aquarium Aqua Bonsai Aqua Touch Aquaria by Importology LLC Aquarium Zen LLC Aquascapes LLC Arizona Nature Aquatics City Pets Coral Fish Hawii House of Fins Jo Jo Aquarium Kingfish Aquarium Designs Monster Aquarium Inc. Nature Aquarium Okeanos Group, LLC The Wet Spot Tropical Fish	5425 Rosemead Blvd, San Gabriel, Ca 91776 1015 Havens Place, El Cerito, CA 94530 4345 Moorpark Ave. San Jose, CA 12040 North 32nd Street, Phoenix, Arizona 85028 7416 Newcastle Golf Club Rd, Unit, B, Newcastle, WA 98059 7724 35th Ave NE, #15654 Seattle, WA, 98115 1150 N. NIMITZ HWY. UNIT #1 HONOLULU, HAWAII 96817 3025 N. Campbell Ave STE 181 Tucson Arizona 85719 9901 Beechnut St. Houston, Tx 77036 98-810 Moanalua Road, Suite H-6 Aiea, Hawaii 96701 99 Bruce Park Avenue Greenwich, CT 06830 6171 Stockton Blvd, Suite 170, Sacramento, CA 95824 8711 Burnett Rd, Austin, Tx 78757 131-08 40th road Flushing, NY 11354 2836 Santa Monica Blvd, Santa Monica, CA 90404-2410 521 West 26th St., Suite 600, New York, NY 10001 4310 NE Hancock Blvd. Portland, OR, 97213
SOUTH AFRICA Aqua Select Aquatic Vision DIE VISDAM Dorrie Pets	De Wet Rd., Goodwood Paradys Center, Cnr Frans Conradie drive & Paradys Rd, Brackenfel Cross Road Centre CNR Mario Milani & Golf Road Vereniging Ernst Möller Edison Center Shop 3, c/o Jacaranda Str & Edison Crescent, Hennops Park, Centurion 0157
Eurospirit Fish ETC Hartlands Aquatics Hillcrest Pets Jungle Aquatics (Centurion) Lifestyle Pet Hyper Loolilocks Koi Farm Northlands Pets	87 Umhlanga Rocks Drive, Shop 5, Arcadia, Durban 18 Devon Place, Cnr R304 &Bottellary Rd., Koelenhof Corner of Main and Hermon Street, Riebeeck Kasteel 9 Ellanglen Center, Inanda Road, Hillcrest Broadacres Shopping Center c/o Cedar and valley Road Inside Lifestyle Garden Center, Cnr Ysterhout & Beyers Naude, Randpark Ridge Plot No.234, Trichardt Road, Boksburg 8 Shop, First Level, Umgeni Business Centre, No.2 Intersite Avenue, Springfield, KwaZulu-Natal
Petstop SAMS AQUARIUM	Cnr Jacobs Str and 15th Ave., Rietfontein, Pretoria Sherwood Shopping Centre, Cnr Children's Way & Dreyersdal Road, Bergvliet, 7945 Cape Town
South Coast Exotics The VIP Pet Store (Northgate)	37 main Road, Amanzimtoti, The V.I.P Pets Store, Shop 302, Northgate Shopping Center
REUNION Au monde des animaux Mik animalerie Petshop island	16 av Roland Garros, 97438 Sainte Marie 113 Bis Avenue Raymond Barre,97427 Etang-Salé 105 rue pasteur. 97400 St Denis
MAURITIUS Kwok Aquarium	48 Remy Ollier Street, Port Louis

*The above retailer information is as of February 28, 2014.
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