

Enjoy DOOA
SYSTEM
PALUDA
STYLE

Ecosystem where various plants grow is recreated.
Cultivating distinctive plants in a humid environment similar to a tropical rainforest is possible.



SYSTEM PALUDA 60

System Paluda appropriately controls light, humidity and air in a glass container with high airtightness. It creates conditions suitable for growing plants in a W60cm aquarium tank.

DATA

- Aquarium tank System Paluda 60
- Mistflow Box
- Mistflow
- Mistflow Cap
- Circulation Fan 40
- Cabinet Wood Cabinet (Black)
- Lighting Paluda Light 60 (turned on for 8 hours per day)
- Substrate Jungle Soil, Jungle Base
- Water Once every 2-3 weeks to Mistflow Box
- Drainage About once a week with high absorbent sponge
- Humidity maintenance For 10 minutes every hour with Mistflow
For 11 minutes every hour with Circulation Fan 40
- Time control Power Cord S-70

[Plants]

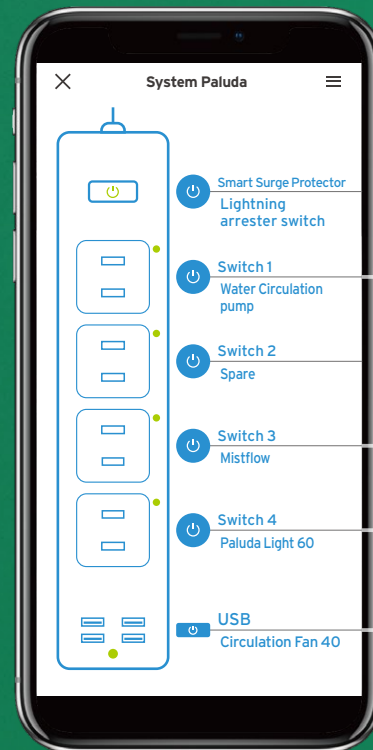
Sonerila heterostemon / *Sonerila dongnathamensis* / *Sonerila* sp. / *Begonia lichenora* / *Pilea spruceana* 'Silver Tree' / *Peperomia emarginella* / *Argostemma* sp. / *Ardisia* sp. / *Mediocalcar decoratum* / *Maxillaria sophronitis* / *Epidendrum porpax* / *Trisetella hoeijeri* / *Dracula lotax* / *Pleurothallis forceps-cancni* / *Pleurothallis niveoglobula* / *Pleurothallis costaricensis* / *Stelis morgani* / *Restrepia* sp. / *Bulbophyllum callichroma* / *Ceratostylis philippinensis* / *Microgramma vacciniifolia* / *Davallia repens* / *Davallia palabra* / *Selaginella willdenowii* / *Selaginella picta* / *Diplazium cordifolium* / *Polypodium polypodioides* / *Cathodium* sp. / *Cochlidium serrulatum* / *Wabi-Kusa Mat Vesicularia montagnei* / *Wabi-Kusa Mat Taxiphyllum* sp. 'Spiky moss' / *Wabi-Kusa Mat Taxiphyllum* sp. 'Peacock moss'

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ADA's unique smart power system designed for creating ideal environment in aquarium tanks

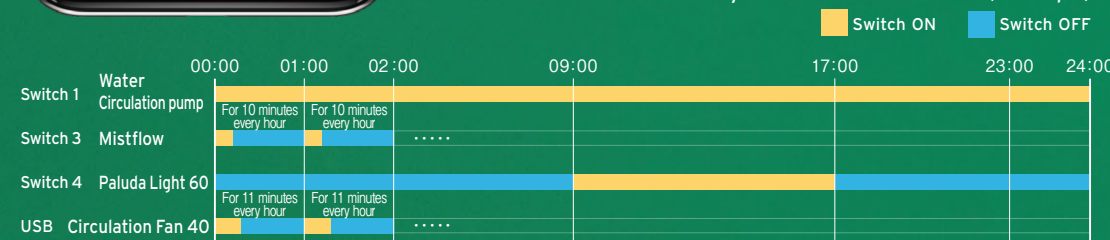
Compared to Aquarium, Paludarium for enjoying tropical rainforest plants tends to be easily affected by the outside air. By using Power Cord S-70, it can flexibly handle actual installation environment. Besides lighting system, operation time and frequency of Mistflow and Circulation Fan 40 can be precisely controlled, and it provides ideal cultivation environment for plants.

Details on how to set up Power Cord S-70 can be accessed here.
<https://www.adana.co.jp/en/>



Example with System Paluda 60

Timeline for System Paluda maintenance (1 example)



※Because cultivation conditions vary depending on the types of plants, manage time for each cultivation condition as paying close attention to the plants.

Switch 1 Water Circulation pump
It is a pump for keeping the water at a certain level in the Mistflow tank. Constant operation effectively prevents the water from being anaerobic.

Switch 3 Mistflow
If operating constantly, water accumulates in the aquarium tank. The Mistflow is stopped for about 10 minutes for wetting leaves and maintaining the air humidity. To keep the air humidity, it operates hourly.

Switch 4 Paluda Light 60
Keep it on for 8 hours per day as well as lightings for Nature Aquarium

USB Circulation Fan 40
It is operated to make the mist generated from Mistflow circulate in a whole aquarium tank. When in constant operation, inside the aquarium tank tends to be dry. By setting up the Circulation Fan 40 to operate a minute longer than Mistflow, a layout can be appreciated without mist stagnating in the aquarium tank.

Lineup for enjoying Paludarium



System Paluda 30



System Paluda 60



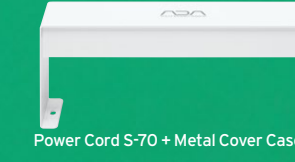
Mistflow Mistflow Cap

System Paluda

It is a system aquarium tank for enjoying Paludarium stylishly with the unique drainage system and mist generator. Because the front side can be fully opened, the workability improves.

Mistflow

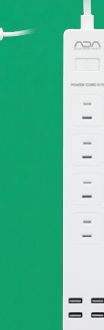
It is an ultrasound mist generator to be installed to green wall systems such as DOOA System Terra. It maintains appropriate humidity essential for plant cultivation.



Power Cord S-70 + Metal Cover Case



Outlets in use



Power Cord S-70

Power Cord S-70

It is a smart power strip with built-in timer function. Total 70 routines (constant operation) can be set which is more than with general smart strips. Operation time for mist and fan can be controlled by minute, and it can create an ideal environment in aquarium tank.

- [108-302] Power Cord S-70 with Metal Cover Case
- [108-303] Power Cord S-70 (Power strip only)

Operating environment /
• iOS9 later or Android4.1 later • 2.4GHz Wi-Fi network



Front



Side

System Stand 35 Size / W35xD35xH45 (cm)

It is a simple stainless steel stand for aquarium tanks. It is perfect for looking at an aquarium tank smaller than W30cm while you are sitting down. Small filtration system, liquid fertilizers and outlet plug can be neatly stored inside.

- [152-002] Black
- [152-003] White

- [151-401] System Paluda 30 (A plug)
- [151-402] System Paluda 60 (A plug)
- [151-403] System Paluda 30 (C plug)
- [151-404] System Paluda 60 (C plug)

System Paluda 30 W30xD30xH45 (cm)
Set includes / Aquarium tank, Mistflow box, Wabi-Kusa Mat(x9), Water circulation pump(3L/min, USB port Type-A), USB power adapter(Type-A), Pump stand, Outflow pipe, Noise reduction sponge(x2), High absorbent sponge, Paluda Clean PC, Sliding glass top 30, Top glass plate 30, Stainless-steel mesh cover 30, Hole cap(Ø40x2), Drainage piece, Mistflow, Mistflow Cap, Circulation Fan 40, Cascade Brush S

System Paluda 60 W60xD30xH45 (cm)
Set includes / Aquarium tank, Mistflow box, Wabi-Kusa Mat(x18), Water circulation pump (3L/min, USB port Type-A), USB power adapter(Type-A), Pump stand, Outflow pipe, Noise reduction sponge(x2), High absorbent sponge(x2), Paluda Clean PC, Sliding glass top 60, Top glass plate 60, Stainless-steel mesh cover 60, Hole cap(Ø40x2), Drainage piece, Mistflow, Mistflow Cap, Circulation Fan 40, Cascade Brush S

- [151-405] Neo Glass Paluda 30
- [151-406] Neo Glass Paluda 60

Set includes / Aquarium tank, Glass Cover (Large and Small), Hole Cap (Ø40) x1, Drainage piece



Paluda Light

It is RGB type lighting equipment for cultivating tropical rainforest plants. The balance ratio of R (Red), G (Green) and B (Blue) that determines light quality is completely different from lights for cultivating aquatic plants, and it is the ADA's original RGB circuit configuration to showcase leaves glowing in blue peculiar to tropical rainforest plants and bright colored wild small orchids beautifully.

- [153-101] Paluda Light 30 (A plug)
- [153-103] Paluda Light 30 (C plug)
- [153-102] Paluda Light 60 (A plug)
- [153-104] Paluda Light 60 (C plug)



Paluda Light 60 Example of use



Aquasky G601 Example of use



Circulation Fan 40 [152-507]

It is a small fan that can be used for both suction and exhaust depending on the directions of the fan. It is drip proof to be used in a humid environment, and the airflow can be adjusted in 3 stages.

※USB power adapter (5V1A) does not come with the product.



Jungle Soil

It is a natural black soil for Paludarium blended with soil microorganisms and anthracite effective for the growth of plants.

- [157-003] 700mL
- [157-005] 3L

- Recommended amount / System Paluda 60 Jungle Soil: 3L bag×2
- Recommended amount / System Paluda 30 Jungle Soil: 3L bag×1



Jungle Base

It is a substrate material for maintaining breathability in the bottom layer, and to be used by spreading underneath Jungle Soil.

- [157-002] 200mL
- [157-004] 1L

- Recommended amount / System Paluda 60 Jungle Base: 1L bag×2
- Recommended amount / System Paluda 30 Jungle Base: 1L bag×1

SYSTEM PALUDA 30

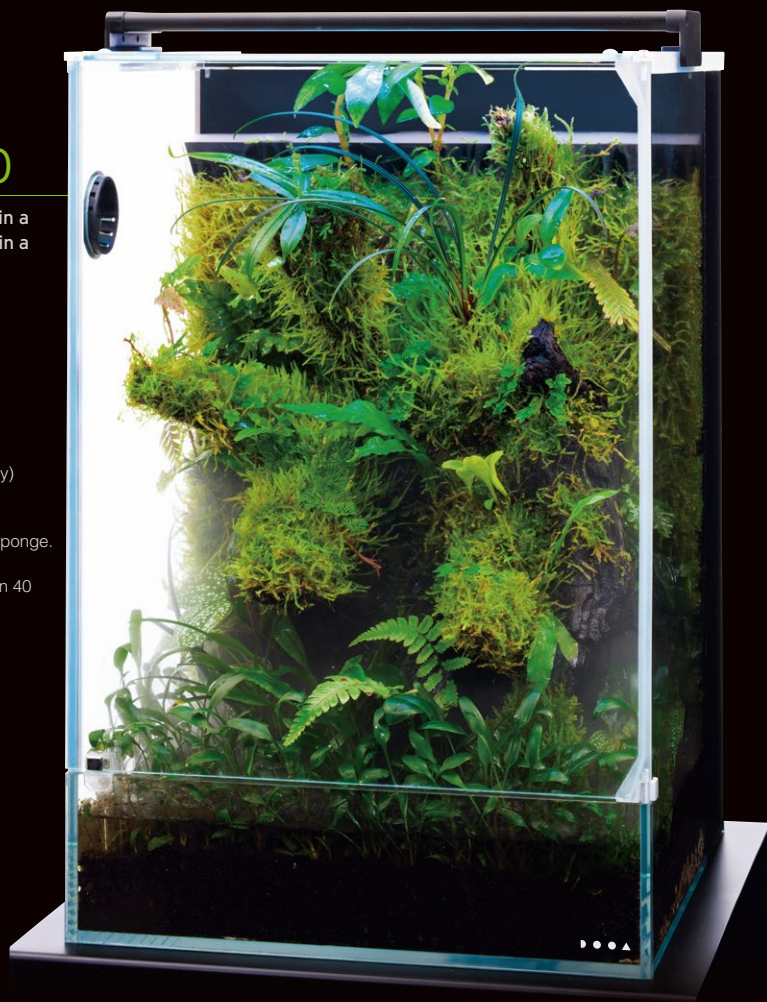
Captured scenery of jungle can be recreated even in a small glass aquarium tank with only 30cm in width in a sufficiently organized environment.

DATA

- **Aquarium tank** System Paluda 30
 - ・Mistflow Box
 - ・Mistflow
 - ・Mistflow Cap
 - ・Circulation Fan 40
- **Cabinet** System Stand 35 (Black)
- **Lighting** Paluda Light 30 (turned on for 8 hours per day)
- **Substrate** Jungle Soil, Jungle Base
- **Water** Once every 2~3 weeks to Mistflow Box
- **Drainage** About once a week with the high absorbent sponge.
- **Humidity** For 10 minutes every hour with Mistflow
- **maintenance** For 11 minutes every hour with Circulation Fan 40
- **Time control** Power Cord S-70

[Plants]

Nepenthes mirabilis / *Elatostema* sp. /
Ficus pumila var. *quercifolia* / *Sonerila* sp. /
Platystele umbellata / *Ooia* sp. / *Fenestratarum culum* /
Trichomanes sp. / *Selaginella* sp. / *Davallia parvula* /
 Wabi-Kusa Mat *Vesicularia montagnei* /
 Wabi-Kusa Mat *Taxiphyllum* sp. "Peacock moss" /
 BIO Mizukusa no Mori *Cryptocoryne lucens* /
 Jungle Plants *Coelogyne limbriata*



NEO GLASS PALUDA 60 As plant display cases

By laying water retentive sphagnum, Neo Glass Paluda 60 can handle cultivating tropical plants and potted plants. Bio Rio G (Optional) is used for the substrate.

How System Paluda works

System aquarium tank developed by ADA to cultivate tropical rainforest plants for Paludarium. Each part has special functions to enjoy Paludarium comfortably.

For details on the procedure, please check DOOA website.
<https://youtu.be/-b212BSHyEk>



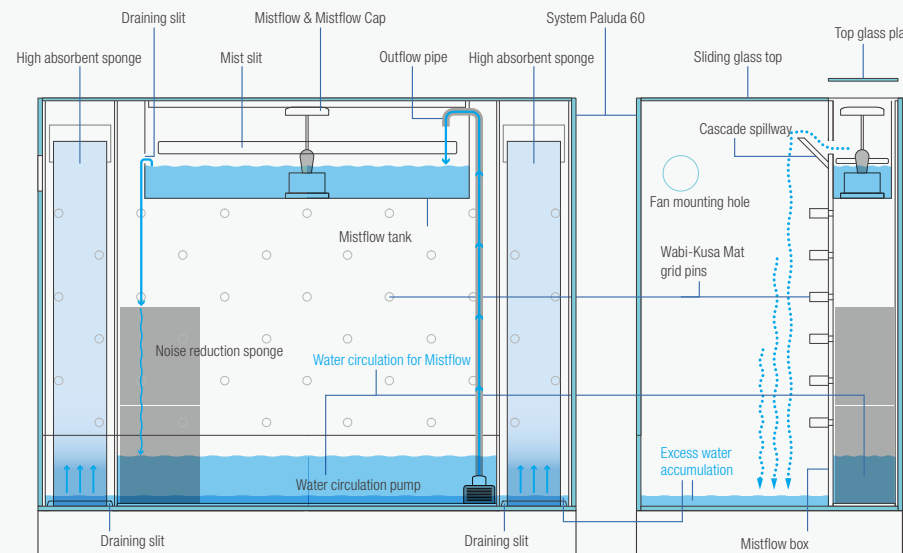
Glass doors

Front doors can be opened widely. It is designed to make the maintenance easy.



High absorbent sponge

The high absorbent sponge helps drain excessive water in the aquarium tank efficiently. By getting rid of a drain which was necessary for a Paludarium tank, the look of system aquarium tank is stylish.

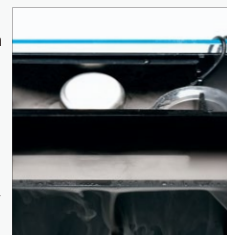


Front

Right side

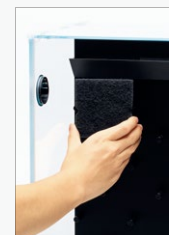
Mistflow

The inside humidity is increased with mist, and an environment ideal for cultivating plants is created. The water level appropriate for generating mist is maintained with the circulation pump in the Mistflow tank. Generated mist flows down to the inside of the aquarium tank after being accumulated in the cascade.



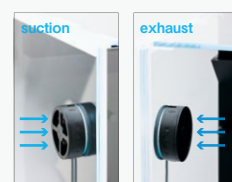
Wall mat

It has a grid structure on the back wall, and Wabi-Kusa Mats with excellent attach-ability can be set. By attaching various Jungle Plants on moss, Natural feeling is created in the background.

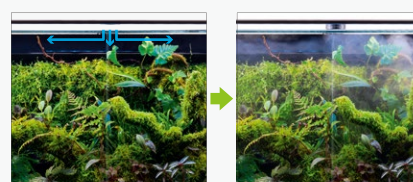


Circulation Fan 40

It is necessary to have good ventilation and humidity control for cultivating terrestrial plants. By mounting Circulation Fan 40 to the mounting hole and changing the mounting directions, both suction and exhaust can be performed.



By installing Circulation Fan 40 downward to designated stainless steel Mesh Cover and operating it simultaneously with Mistflow, mist gushing out can be created.



Plant Lineup suitable for System Paluda

There is a wide variety of plants filled with personalities that grow healthily in a humid environment. Various packaging styles are available according to each characteristic.



BIO Mizukusa no Mori

BIO Mizukusa no Mori is recommended for creating a carpet of undergrowth. Aquatic plants with various colors and shapes of leaves can be combined.



Wabi-Kusa Mat

Moss is densely attached on Wabi-Kusa Mat. By simply setting Wabi-Kusa Mats on the wall, natural feeling is well-executed.



Jungle Plants

There is a wide variety of Jungle Plants such as small epiphytic orchids, ferns and aquatic plants. A dense cluster of plants growing on forest floor can be created.



DOOA, an inspiring brand, helps you enjoy aquatic plants more freely. Minimal and easy, and designed as a platform allowing everyone to nurture plants indoors. Feel closer to nature, and bring beauty into your life.

Enjoy Jungle Plants Freely

SYSTEM PALUDA

システムパルダ



Enjoying scenery captured from nature anytime in your room.

It satisfies your desires for Mother Nature and leads you to

understand how precious nature is.

Welcome to small nature.