

Discover the first and only

vivarium

that's as beautiful as the
animals you keep in it...

and as stylish as your home



Bring their

wonderful world

into yours

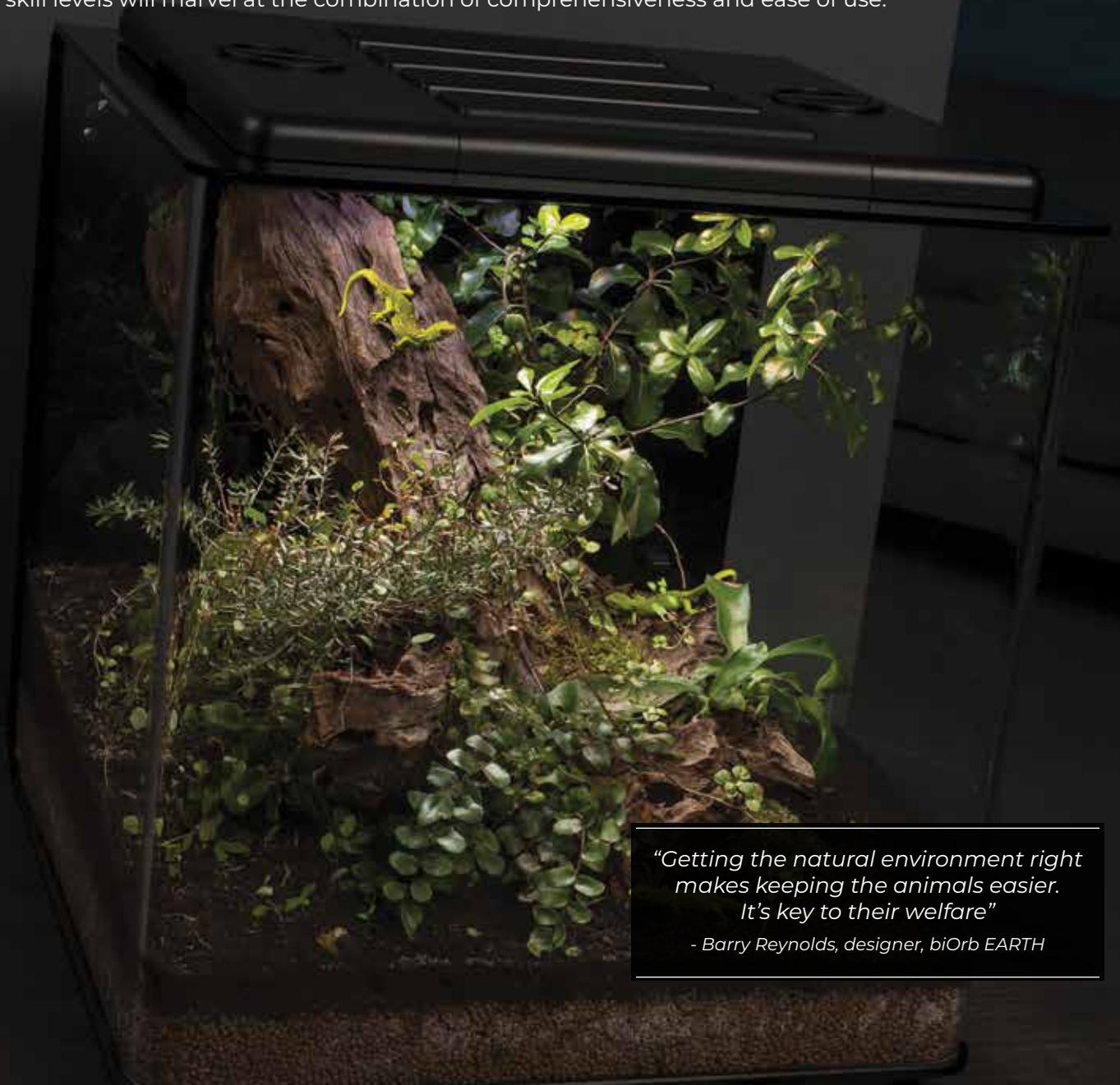
Whether you're a herpetologist looking for the very best environment for your animals or you are new to keeping reptiles or amphibians – the biOrb EARTH is the perfect addition to any home.

There's no denying this stylish vivarium makes a spectacular centerpiece in your home. But, like all biOrb products, elegant design is not enough. The biOrb EARTH has 'functional beauty', hidden designs that are smarter than you might imagine.

Ideal for expert or beginner

biOrb EARTH gives you everything you need to create the perfect vivarium home for your animals.

Designed to give precise, total control over every aspect of their biOrb EARTH's environment, customers of all skill levels will marvel at the combination of comprehensiveness and ease of use.



*"Getting the natural environment right
makes keeping the animals easier.
It's key to their welfare"*

- Barry Reynolds, designer, biOrb EARTH



Total control with the EARTH app

Every aspect of biOrb EARTH's internal environment is set using the EARTH app. Simple to use, the app gives you precise control through its intuitive interface.

Features like temperature, humidity, & lighting can all be set for individual days, seasons or for the entire year.

Through the biOrb EARTH app you will choose a climate plan based on the plants and animals you plan on keeping in your EARTH.

The app's major climate zones - Tropical rainforest, Humid subtropical, and Desert - can be tailored down to the smallest detail to ensure your plants and animals thrive in their new home.

You can even create your own climate zone if necessary.



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Why this really is the best vivarium



One power cable

With traditional vivariums you need several different cables; one for each light, another for the fan, and so on.

biOrb EARTH needs just ONE power cable, requiring a single socket. Additionally the EARTH is low voltage.



See your animals in their home

biOrbs are made with acrylic instead of glass. Acrylic is incredibly strong, and acrylic is a good insulator so you don't lose much heat.

Acrylic allows 23% more light to pass through. The astonishing clarity is why your biOrb bursts with color and life in a way you've never seen before.

Authentic 3D temperature environment

The temperature varies from the bottom to the top of the unit, and the constant feed of fresh (warm or cooled) air mixes in with the unit's re-circulating air. The combination heating elements enables temperatures of up to 113°F or down to 5°F below ambient (64°F).

1. Patented temperature control unit - Using a solid-state Peltier driven heat pump and fans, air is constantly recirculated within the tank, heating and cooling as required.

2. Substrate heater cable - Maintains the ground temperature. Its heating element can be configured to create warm basking spots in a particular corner, or along a side. Direct heating of the substrate mimics the real world, where the ground is slower to heat up in the morning and cool in the evening. The heater cables also stimulate plant growth.



The **humidity** your animals expect

– all meticulously monitored and regulated



1. Ultrasonic mister - Built-in with dedicated fan and tank hidden at the rear. The Ultrasonic mister produces a gentle 'swirling' ultra-fine mist that hydrates the plants right down to their roots.

2. Rain nozzles - Twin integrated, directional nozzles recreate rainfall cycles of natural habitats.

3. Temperature and humidity sensors - Two sensors constantly monitor and control the temperature and humidity levels your animals require.

4. Capillary matting - At the base is a free draining support layer. This ensures the correct level of moisture for your plants and bio-active substrate.

"I have never seen both mist and rain in one tank together before."

- Mike Linley, expert herpetologist and consultant, biOrb EARTH



The closest to **real sunlight** in any vivarium



Nestled in the hood of the biOrb EARTH are four banks for the lighting units.

Each EARTH comes with two Sunlight LED units, one UV-light unit, and one RGB and Infrared unit.

There's no standard configuration for biOrb EARTH's range of lights, so you can arrange in the combination which best suits your plants and animals.

- **Long life Sunlight LED bulbs** are the closest to real sunlight of any light available. To fully recreate the natural world, each day in your biOrb EARTH begins with sunrise. Then moves to midday and, finally, sunset. Three separate channels increase and decrease in sequence so your biOrb EARTH features a true, east-west solar day – benefiting both your animals and plants.
- Just like us your animals need vitamin D3 to grow and maintain strong bones. In the natural world, ultraviolet from the sun's rays (UVA & UVB) is absorbed through the skin generating vitamin D3 production. The EARTH's **Dimmable Ultraviolet Lamp** replicates the UVA and UVB rays your animals naturally receive. UV-A stimulates pigmentation. UV-B stimulates vitamin D3 synthesis from the precursor vitamin D2.
- To complete the full spectrum of natural sunlight, biOrb EARTH adds the sun's '**invisible rays**' (**near infrared**) to provide natural warmth, ideal for basking reptiles.



Adding an **extra** dimension

Until now, vivariums have only been able to replicate how your animals' natural world looks and feels.

biOrb EARTH takes this experience one step further with the inclusion of an embedded speaker.

What animals hear isn't simply the background noise of their environment. Some sounds trigger particular events (ex. mating calls).

Using the biOrb EARTH app you can decide what sounds will be played through the vivarium.



Keeping it **inside** the EARTH



The biOrb EARTH uses a clear air system to ensure the air coming in and out of the unit is always clean and fresh.

Fresh air enters from a fan on the back of the unit. The air is drawn through an activated carbon pre-filter to keep it free from any contaminants, such as aerosols. This new air displaces some from within the unit which is exhausted through activated carbon filters in the EARTH hood's wings.

There are also gasket seals around the hood and all external openings to maintain the EARTH's stable, natural conditions of temperature and humidity.

These filters and seals not only hold back odors, but they also keep any fruit flies or other live food inside the unit.



biOrb EARTH specifications

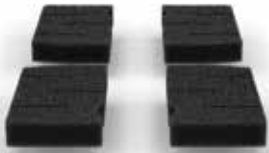
Model	Item No.	Length (in.)	Width (in.)	Height (in.)	Color
EARTH 125	77941	22.4	19.7	22.4	black

Included with each EARTH

- 2x White LED lighting
- 1x Single UV lighting
- 1x RGB & Infrared lighting
- Speaker function
- 2x Rain maker nozzles
- Heating and cooling
- Fogger function
- 0.8 Gallon water reservoir
- Funnel
- Top carbon filters
- Back carbon filters
- Feeding hole
- Drainage tube
- Capillary mat
- Built-in heating cable
- Power supply
- Instruction manual

Keep your biOrb EARTH running correctly

biOrb EARTH is simple to maintain. And there's only a couple of items you need to keep your animals happy. Explore biOrb EARTH Accessories & Maintenance items.



77490
EARTH Carbon filters, top

The biOrb EARTH uses carbon filters to ensure the air coming into and out of the unit is clean and fresh. This set of carbon filters is placed on the top of the unit and act as post-filters. Replace these filters every 6 months.



77491
EARTH Carbon filters, back

The biOrb EARTH uses carbon filters to ensure the air coming into and out of the unit is clean and fresh. This set of carbon filters is placed in the back of the unit and act as pre-filters. Replace these filters once every 3 months.



77492
EARTH Feeder

Easy to open and fits perfectly to the biOrb EARTH opening in the hood. Put the food in the feeder, insert into the EARTH hood and turn the feeder so that it opens.



77493
EARTH Lock set

Ensure that your EARTH is safe and secure by using the lock set. Simply attach the bracket to the EARTH hood and use the included lock and key to secure the hood.



77495
EARTH Funnel

This funnel ensures that the water reservoir in the back of the biOrb EARTH can easily be refilled. Just put it on, fill it up and you're done. The red marking shows you when your water tank is full.



46156 - Humidimist 5L
46155 - Humidimist 500 ml, 4 pack

Humidimist is specially formulated remineralized water with low conductivity and reduced minerals to prevent condensation in your biOrb EARTH.



77487
EARTH Sunlight LED Lighting Kit

The thinnest LED lights on the market! Comes with one lighting unit that easily plugs into the lighting banks on hood of the biOrb EARTH.

Each Lighting Kit also includes brackets and transformer with 4 power outlet connection adapters for easily retrofitting EARTH lighting with other terrariums and vivariums.



77488
EARTH RGB & Infrared Lighting Kit

The thinnest RGB & Infrared lights on the market!

Comes with one lighting unit that easily plugs into the lighting banks on hood of the biOrb EARTH.

Each Lighting Kit also includes brackets and transformer with 4 power outlet connection adapters for easily retrofitting EARTH lighting with other terrariums and vivariums.



77489
EARTH UV Lighting Kit

The thinnest UV lights on the market!

Comes with one lighting unit that easily plugs into the lighting banks on hood of the biOrb EARTH.

Each Lighting Kit also includes brackets and transformer with 4 power outlet connection adapters for easily retrofitting EARTH lighting with other terrariums and vivariums.



Arid climate



Temperate climate



Tropical climate

Further replicate the natural world

The plants and animals you keep inside your biOrb EARTH are beautiful. But your EARTH needs shape and form to match the animals' natural environment and to really come alive. Explore EARTH's specially designed sculptures and substrates.

biOrb EARTH sculptures

biOrb has a range of natural looking sculptures that are designed with spots for hiding food or vitamins, growing plants out of, and bowls for keeping water. biOrb sculptures are carefully designed and hand crafted by designer Samuel Baker.

All sculptures are made from fade resistant, UV protected durable high-grade resin that is easy to clean.



34092
Bark Sculpture,
small



34083
Green Bamboo
Sculpture, small



34086
Brown Bamboo
Sculpture, small



34082
Green Bamboo
Sculpture, medium



34085
Brown Bamboo
Sculpture, medium



34088
Root Sculpture,
medium



34246
Lotus seedpod
on Root
Sculpture, large



34079
Green Bamboo
Sculpture, large



34084
Brown Bamboo
Sculpture, large



34089
Bark
Sculpture,
large



34087
Root with Bee Hive
Sculpture, large

biOrb EARTH Substrates

biOrb has a range of substrates for every type of environment you can have in the EARTH.



78181 - Jungle Mix

- Pure, safe, mineral-rich bioactive substrate for vivariums and terrariums. Promotes rapid plant growth by helping to provide perfect conditions for thriving plants.
- Suitable for tropical, humid, and wetland-type environments
- Can be used with all species of reptiles, amphibians, and invertebrates
- Mix consists of: volcanic rock dust, worm manure, peat mix from a sustainable resource, and organic fertilizer
- Substrate color: brown
- Available in an 11 lb. bag



78185 - Jungle Clay balls

- Natural substrate for vivariums and terrariums. Works in conjunction with the Jungle Mix to form a natural filter system for your bioactive vivarium setup.
- Clay balls are placed below the soil to improve drainage and ensures the soil won't become too saturated or too dry.
- Suitable for tropical, humid, and wetland-type environments
- Can be used with all species of reptiles, amphibians, and invertebrates
- Made from sintered pulverized fuel ash
- Substrate color: brown
- Available in a 4.4 lb. bag



78182 - Jungle Bark

- 100% natural bark substrate for vivariums and terrariums. This versatile substrate can be used wet or dry or misted daily to create high humidity.
- Suitable for tropical and humid environments.
- Can be used with most reptiles, amphibians, and invertebrates.
- Made from 100% natural screened maritime pine bark.
- Substrate color: reddish-brown
- Available in an 11 lb. bag



78183 - Desert Sand

- 100% natural substrate for vivariums
- This Desert Sand is an excellent heat conductor
- Suitable for all desert environments and most desert species
- Color: yellow
- Available in an 11 lb. bag



78184 - Desert Bedding

- 100% natural substrate for vivariums. The Desert Bedding is specially designed to be shaped to create caves and hiding places for your desert species.
- This bedding allows moisture retention when sprayed which creates wet areas that would be naturally found in hides or burrows. Reptiles like Leopard Geckos seek out these damp areas when shedding or requiring more humidity so this in turn encourages digging
- Suitable for all desert environments and most desert species
- Made of a blend of soil, sand and grit which can be found in natural desert environments
- Color: yellow tan
- Available in an 11 lb. bag



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