

# **SIMPLE 3-STEP SET-UP INSTRUCTIONS**

## **DAY 1**

### **Step 1**

- ▶ Setup & Level Your Tank
  - ▶ Add Bio Boxes  
(cover 60-80% of tank bottom)
- ▶ Add Small Size 1/8"-1/4" (3-6mm) Natural Gravel  
2-3" deep on top of the Bio Boxes

### **Step 2**

- ▶ Add 4-6" of de-chlorinated water to your tank &  
Plant your Aquatic Plants  
*(Carbon Filters are preferred method to de-chlorinate)*
  - ▶ Fill Aquarium to about 1-2" below  
front window top edge
  - ▶ Keep temperature above 74 degrees.  
*(Add heater if needed)*

## **DAY 2**

### **Step 3**

- ▶ Add Freshwater Fish  
*(Ask your Pet Store for suggestions)*

## **MAINTENANCE**

Change 10-20% of your  
Aquarium water every 1-3 months  
Observe your tank after each water change,  
if your plants thrive you are doing it right  
If water appears a little tan at anytime increase  
the water changes.

## **USING ACTIVATED CARBON**

Activated Carbon removes dissolved organic carbons  
which are also nutrients and a source of Co2  
for the plants. Over-use can be harmful to your tank.  
Only use for a day if your water is brownish in color  
to clear the water. Place a carbon pad in front of the  
water outlet until the water clears.

# **PHILOSOPHY BEHIND THE BIO BOX**

*by Lammert de Haan (Inventor)*

After a lifetime building, observing & maintaining aquariums, I know one thing for sure: The Laws Of Nature are KEY to successful aquarium keeping.

With that in mind I developed the

## **AQUAPLANTARIUM**

### **BIO READY NO NEW TANK SYNDROME**

Ammonia enters the tank through fish waste, decaying food, etc. Plants feed on ammonia. bacteria changes ammonia to nitrite (toxic) then to nitrate (non toxic in low doses). To obtain these bacteria, a traditional aquarium needs to cycle for weeks. Many types of mechanical, chemical & biological filters are available. All designed to maintain this cycle as well as filter particles out of the water. A lot of these filters are complicated or expensive with lots of media & cartridges to buy and replace. Some may even be too powerful and will compete with plants for ammonia causing plants to die or stop thriving. In nature plants & bacteria-rich soil break down ammonia & nitrites. No bodies of water exist without soil. Very Important to the health of the fish, plants also absorb heavy metals like Cadmium, Zinc, Lead & Copper which are all harmful to the fish.

Live aquatic plants & soil  
are key to a **successful** fresh-water aquarium.  
That's what the **AquaPlantarium** is all about.

### **HOW DO I KEEP MY PLANTS ALIVE?**

### **HOW LONG DO I NEED TO CYCLE?**

### **HOW DO I KEEP DIRT ON THE BOTTOM?**

The Bio Box is placed underneath a layer of gravel. The roots of aquatic plants settle into the Bio Box which contains a layer of terrestrial soil lake sediment & organic soil. This provides all the bacteria minerals & trace elements needed for healthy thriving aquatic plants. The Bio Box combined with a simple, effective Bio-Filter will create a naturally cycled aquarium within days. Its design keeps gravel from sinking into the dirt & keeps sediment particles from floating into the tank causing dust clouds. Even when plants are pulled out, the sediment stays under the gravel where it belongs.

## **GUARANTEED SUCCESS**