



INSTRUCTION MANUAL

ANCHOR MOUNT



**BIO-HEALTH
POD SYSTEMS**
by RIGERO

SYSTEM COMPONENTS



- | | |
|---|---------------------------------|
| 1 Bio-Health Pod | 6 Air Pump (Boxed with Parts) |
| 2 Nest Layers (2) (Preassembled inside BHP) | 7 Anchor Mount Hardware Kit |
| 3 Weighted Hose | 8 Nano Pods (10) |
| 4 Faux Rock, Base Plate, Stakes (Inside Rock) | 9 Anchor Bag w/ Large Carabiner |
| 5 Bio-Blend Cartridges (3) | 10 Instruction Manual |

ANCHOR MOUNT KIT

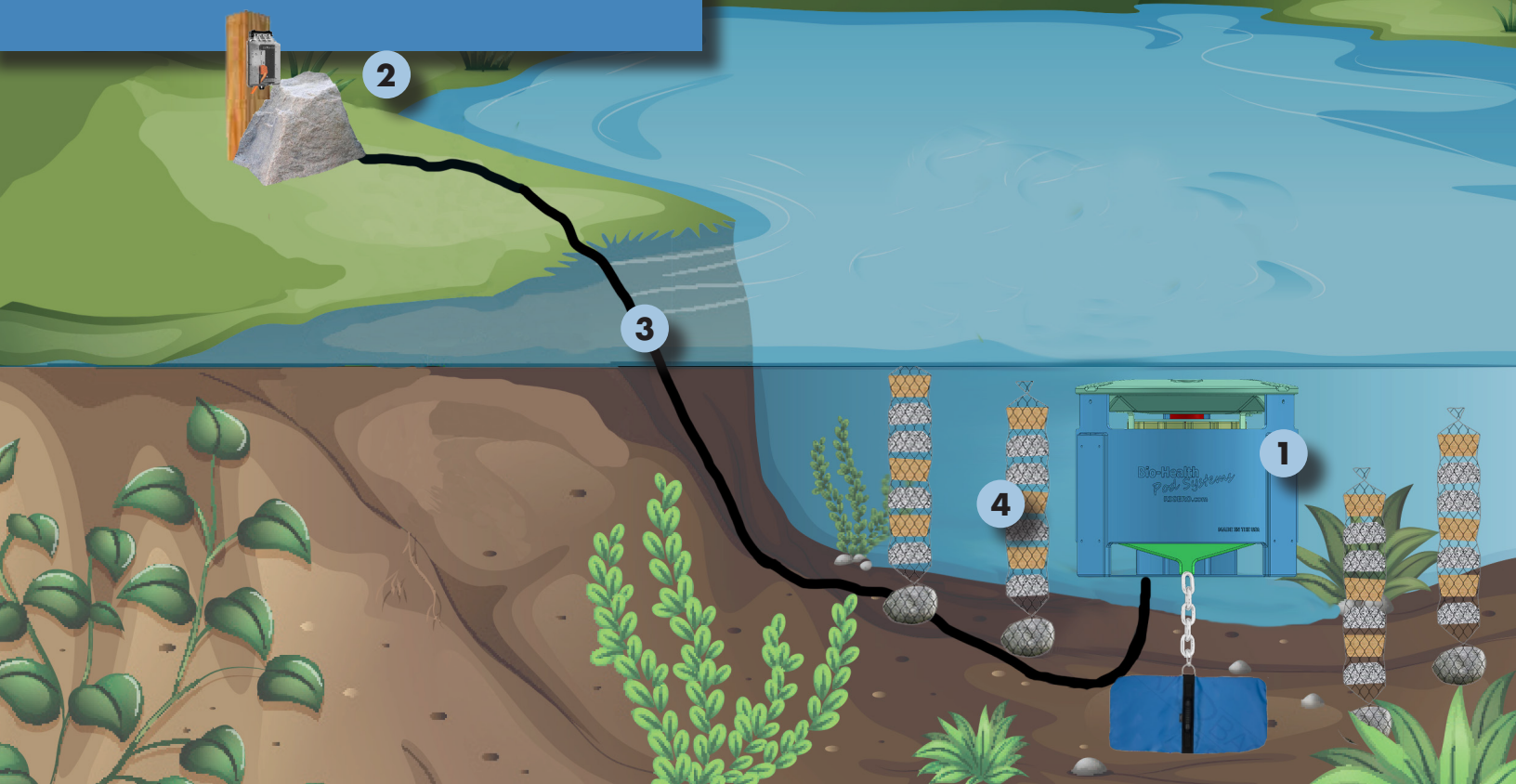


- 1 Anchor Bag with Large Carabiner
- 2 Chain
- 3 Small Carabiner
- 4 Washer 3/8"
- 5 Eyebolt 3/8"
- 6 Nut 3/8"

- 7 Turn-Key Clamps (2)
- 8 Coupling
- 9 Quick Connect Coupling
- 10 Spacers for Faux Rock (2)
- 11 Hex Wrench 7/32"
- 12 Bag of Sand, 50 LB (Not Included)



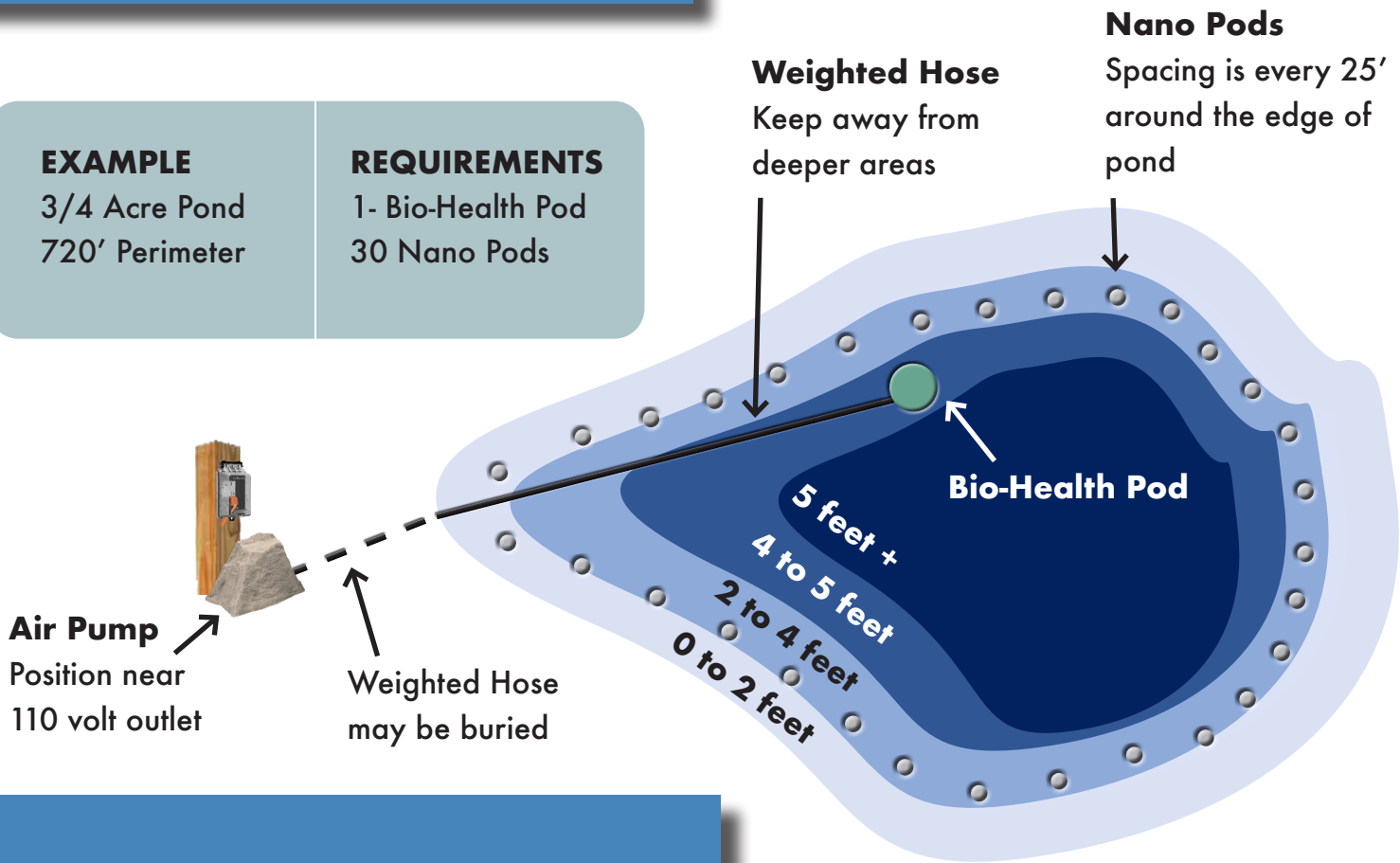
SYSTEM DIAGRAM



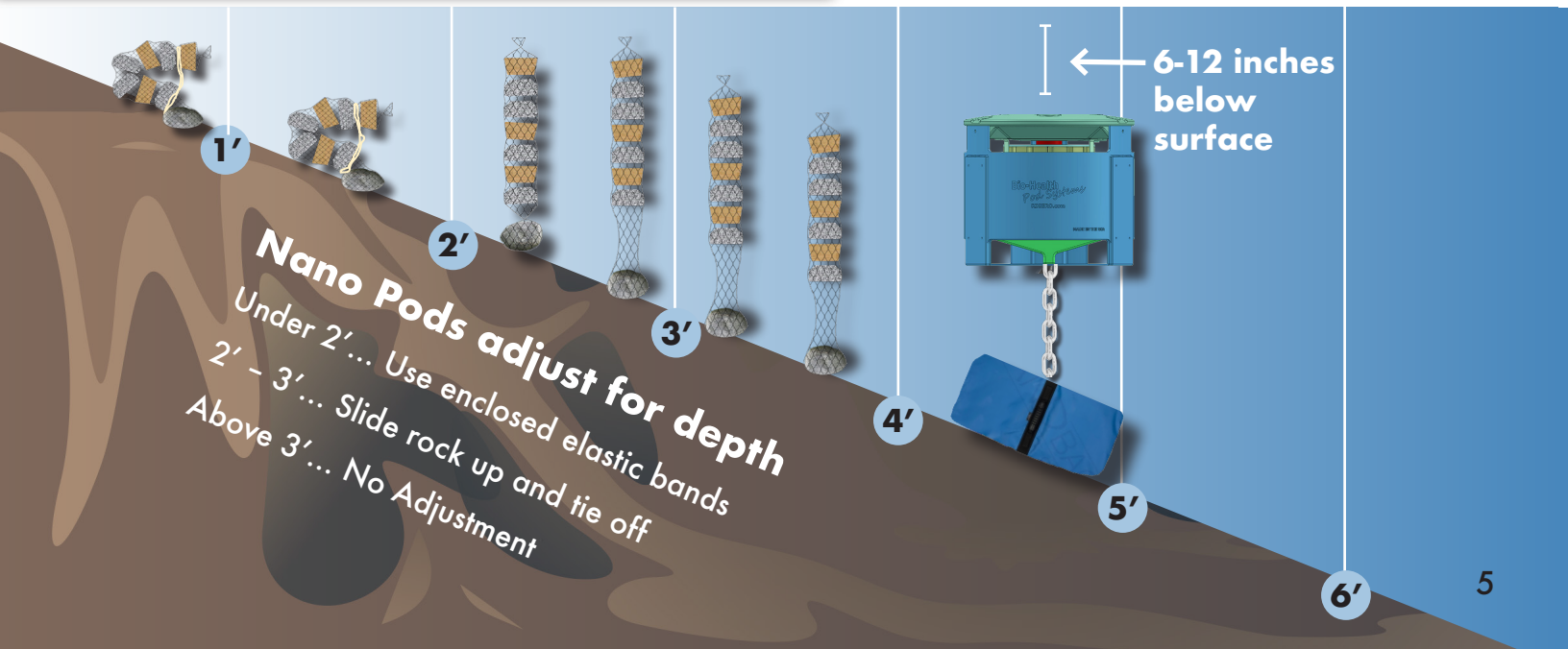
- 1 BHP:** Find a location where the Bio-Health Pod can project to all areas of the pond. Ideal depth is around 4 to 5 feet.
- 2 Air Pump:** Position the Air Pump near the power source that is closest to the BHP. Keep the Air Pump at a high point so it will not get flooded in the event of a large storm. The pump is covered with the faux rock.
- 3 Weighted Hose:** When running the hose to the Bio-Health Pod it is important to keep it away from deeper water. Deep water will significantly reduce air flow and system performance resulting in increased wear and tear on the pump. The recommended depth is less than 5 ½ foot of water. If your system design requires the Weighted Hose to travel through deep water, a larger pump may be required.
- 4 Nano Pods:** Place one Nano Pod every 25 feet around the edge of the pond. Distance from the edge is determined by depth. The ideal depth for the Nano Pods is between 2 ½ to 3 ½ feet. If the pond is shallow, Nano Pods can be shortened. In ponds that are wide, additional Nano Pods may be necessary for the center of the pond.

COMPONENT PLACEMENT

EXAMPLE	REQUIREMENTS
3/4 Acre Pond 720' Perimeter	1- Bio-Health Pod 30 Nano Pods



ADJUSTING FOR DEPTH



SET-UP INSTRUCTIONS



- 1 Unbox the Bio-Health Pod System near the edge of the water where you will be installing the system. Keep in mind your electrical outlet may be a distance away.
- 2 Remove 3 screws and lid off BHP. Grab the Metal Nest Holder from inside BHP and gently turn upside down onto the ground. Raise the Metal Nest Holder to slide out Nest Layers. Remove all protective shipping material. Slide Metal Nest Holder back on Nest Layers. Place the Metal Nest Holder back into BHP taking care to position inside the four metal tabs. Replace lid and screws into BHP.
- 3 Completely tighten the nut onto the Eyebolt.
- 4 Place the washer onto the Eyebolt and Nut assembly and screw into the bottom of the BHP.
- 5 Slide a Turn-Key Clamp onto Weighted Hose. Push the barbed end of the Quick Connect Coupling all the way into Weighted Hose.
- 6 Before attaching the Quick Connect Coupling into the BHP, make sure you start with levers forward and push the Quick Connect Coupling all the way into the Air Intake of the BHP.
- 7 Pull levers back, locking it securely into place.



- 8 Bring the Anchor Bag and Sand to water's edge and pour the Sand into the Anchor Bag.
- 9 Next attach the Chain to the Large Carabiner on the Anchor Bag.

10 NOTE: Together the filled Anchor Bag and BHP is about 90 pounds. It is easiest to carry the BHP and filled Anchor Bag to the water separately to about 1 foot of water. As the water gets deeper the buoyancy will make it easier to drag the BHP and Anchor Bag out to the desired location.



- 11 In the shallow water, connect the Chain (attached to Anchor Bag) to the Eyebolt on the bottom of the BHP using the Small Carabiner.
- 12 BHP height in the water can be adjusted by attaching a Carabiner to different links in the Chain. The goal is to make sure that the BHP remains submerged. Ideal depth is 4 to 5 feet so that the top of the BHP is approximately 6-12 inches below the surface of the water.
- 13 The Weighted Hose is now attached to the BHP and most of its length should be on the shore.
- 14 Move the BHP to the desired pond location keeping the Air Intake of the BHP oriented towards the shore so the Weighted Hose will be straight and not kinked.

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Water Depth should be around 4 to 5 feet so that the top of the BHP is approximately 6-12 inches below the surface of the water. This allows easy access for replacing Bio-Blend Cartridges, de-installation and maintenance. Keep in mind if you place it too deeply, you will need a boat to do all maintenance.

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After placing the BHP in the pond, walk extra footage of Weighted Hose up to the Air Pump. It is best to find the shortest path from Air Pump to BHP. Keep in mind that the Air Pump should be in a level place where it will never get submerged in water. Do not cut the Weighted Hose at this point. If there is extra Weighted Hose leave some additional footage in the water so you have the flexibility to move BHP to a different position in the future.

Consider the path of the Weighted Hose, as you may want to trench. Carefully avoid such things as invisible dog fencing, landscape electrical lines, and irrigation lines.

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IMPORTANT IF YOU DECIDE TO DIG: 811 is the national call-before-you-dig phone number. Call 811 or go to the state specific 811 website before digging to request the approximate location of buried utilities be marked with paint or flags so you don't unintentionally dig into an underground utility line.

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If trenching the Weighted Hose, typical depth is 2 inches. Be certain the Weighted Hose is kink free from the shoreline to the Air Pump.



- 19** Bring the Air Pump box, Spacers for Faux Rock, Base Plate, Faux Rock and Stakes (inside the Faux Rock) to your chosen pump location. (The only hardware needed from the Air Pump box is one Spring Clip.)
- 20** Place the Base Plate on the ground. Put the Air Pump on top of the Base Plate facing the same direction as the Weighted Hose.
- 21** Cut any Weighted Hose and save it for future repair or use.
- 22** Secure a Spring Clip (inside Air Pump box) to the small end of Coupling. Place the small end of the Coupling onto the Air Pump. Slide a Turn-Key Clamp onto the Weighted Hose. Push the Weighted Hose into the large end of the Coupling. Tighten Turn-Key Clamp firmly over the Weighted Hose and Coupling. Do not overtighten as to restrict air flow.
- 23** Place the two Spacers above the holes of the Base Plate. The Spacers allow the Air Pump to run without overheating and the Weighted Hose to run unrestricted.
- 24** While holding the Faux Rock, put 2 Stakes into the holes and align with the Base Plate over the Air Pump. Push both Stakes into the ground.
- 25** Plug the Air Pump in and within 30 seconds there will be a steady flow of bubbles above the submerged Bio-Health Pod.
- 26** If at any point there are no bubbles, check the hose for obstructions, holes, bends, or disconnections. A reduced volume of bubbles leads to reduced system performance.



- 27 Unplug at power source. Place a Bio-Blend Cartridge into the BHP by removing the large white cap on top of the BHP.
- 28 Remove the poly sleeve from the Bio-Blend Cartridge.
- 29 Maintaining the same orientation (top to bottom) slide the Bio-Blend Cartridge into the opening of the BHP.
- 30 Tighten the large white cap back onto opening. Plug back into power source. Remember to replace Bio-Blend Cartridge every 8 weeks.
- 31 Bio-Health Pod Systems include 10 Nano Pods. The number of Nano Pods needed for optimal performance depends on many factors. Please call Rigero at 855-755-0445 if you have questions as to the number of Nano Pods you will need at your location.
- 32 Unwrap the Nano Pods from protective shipping material.
- 33 Depending on water depth, you may want to adjust the Nano Pod length. To determine length, refer to Adjusting for Depth diagram on Page 5.
- 34 Place the Nano Pods into the water. It is safe to place Nano Pods by holding the rock and tossing to general location. To determine layout, refer to Component Placement diagram on Page 5.

CONGRATULATIONS!

The system is fully installed and now ready to work for you.



IF YOU EVER NEED ASSISTANCE...

PHONE: 855-755-0445

EMAIL: info@RIGERO.com

INSTRUCTIONAL VIDEOS

on the set up and installation of
your Bio-Health Pod System are
also available at:

www.RIGERO.com



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A New Solution to an Old Problem



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