

ASSEMBLY & INSTRUCTION MANUAL

Congratulations on the purchase of your designer aquarium. Each aquarium has been fabricated to enable a beautiful design, and optimal functionality. We hope this living environment provides you with much pleasure and joy as it accents your home or office. Your aquarium is fully integrated and features a decorative surround, an artistically detailed coral reef sculpture, seamless cylindrical acrylic tank, a power compact lighting unit with 10 watt fluorescent bulb, and a Duetto 100 filtration system. **A complete set-up kit is included in the shipment which includes all the necessary components to immediately establish a salt-water or fresh-water environment such as synthetic sea salt, “live” sand or an exotic “Kon Tiki” substrate with a 25 watt submersible aquarium heater.**

These additional items can also be purchased from your local aquarium/pet center. You will simply need to provide the filtered water and fish. The aquarium has been filled and tested to ensure it is free of defects.

Please read all instructions before attempting to set up your aquarium.



SAFETY PRECAUTIONS & INSTRUCTIONS

To safeguard against injury, basic precautions are necessary and should be observed.

Please read all safety instructions before attempting to operate your aquarium.*

Read and Follow all Safety Instructions:

Shipping materials and plastic wrap can be dangerous. To avoid suffocation, keep away from babies and children.

DANGER—Electric shock and other injuries can occur without following safety procedures and instructional guidelines provided in this manual.

- 1) To avoid possible shock, locate a clean, level, non-skid, sturdy surface that will support 50 pounds. This will prevent uneven water distribution inside the tank that could cause dripping or leaking onto electrical cords, plugs and outlets.
- 2) Locate your aquarium near an electrical outlet to avoid excess wiring that may create safety hazards and/or tripping.
- 3) Do not plug in your aquarium to an electrical outlet before filling it with water.
- 4) Carefully inspect the aquarium, after filling with water, and check the provided materials to ensure no portion of the aquarium is wet that is not intended to be wet. Electrical wires and light bulb socket need to be completely dry before plugging your system into an electrical outlet.
- 5) Do not handle any form of electrical devices, the light bulb and the light socket if your hands or clothing are wet or damp. Dry your hands and work station completely before powering your aquarium with electrical means.
- 6) Always unplug electrical equipment from the outlet before performing aquarium maintenance of any kind.
- 7) If a plug or outlet gets wet, **DO NOT** unplug the cord. Disconnect the fuse or circuit breaker that provides power to the aquarium.
- 8) Never move the aquarium if it is full or partially full of water, and never lift the aquarium by the acrylic dry tube. Extensive damage and cracking can occur if it is not properly drained.
- 9) Do not attempt at any point to disassemble the aquarium, reef structure, electrical wiring, themed facade, cylinder or any other part of the system that has not been instructed in the owner's manual.
- 10) If your aquarium shows any sign of abnormal water leakage, immediately unplug the system from the power source.

- 11)** Do not operate the aquarium if it has damaged cords, plugs, light bulb socket, cracked acrylic walls, or if it is malfunctioning. Do not operate the aquarium if it has been dropped or damaged in any manner.
- 12)** Close supervision of children is required when this aquarium is in use.
- 13)** Do not attempt to handle moving parts, light bulb or socket when the aquarium is in operation and powered by electricity.
- 14)** Do not use the aquarium, its contents, or functional features for any other use than what is stated in this manual.
- 15)** Do not use any other equipment with this aquarium other than what is provided or specified. Malfunction, damage to property and injury may occur.
- 16)** Do not install this aquarium near a heat source, air conditioning vent, or where temperatures will be below freezing.
- 17)** Do not install this aquarium outside or in any other area where it will be exposed to natural elements.
- 18)** This aquarium has a polarized plug (one blade is wider than the other). If the plug does not easily fit into an outlet or extension, do not force it. Reverse the plug and try again. If the plug still does not fit with ease into the outlet, contact a qualified electrician. Never use an extension cord unless the plugs completely fit into the socket.

**KEEP THESE INSTRUCTIONS
ASSEMBLY (Refer to diagrams in Quick Setup Guide)**

- I.** Carefully unpack your aquarium by removing all of the protective shipping materials and set aside the top foam insert which contains the necessary components for initial assembly. Gently lift the aquarium out of the box by placing one hand beneath the decorative surround, and one hand on the top surround.
- II.** Remove the decorative top surround and set aside. Remove the screw from the base of the light fixture and lift the light fixture and acrylic lid up and to the side for easy access to the inside of the aquarium. Remove the foam insert and any protective packing material from the inside of the aquarium. To ensure that all the packing material residue and dust is removed from the tank, we recommend you rinse the reef sculpture in freshwater prior to set-up and before filling.

III. Remove the Duetto 100 submersible power filter from the foam insert and from its manufacturer's box. Our design has allowed for the filter to be inserted inside the reef sculpture as well as a submersible aquarium heater, if necessary. Place the filter inside the reef sculpture as shown in the Quick Set-Up Guide, and feed the electrical cord down the center of the acrylic dry tube, where the cord for the light is located. Pull the cord out from the bottom of the surround and run through the cord cutout on the bottom of the surround.

To insert a submersible heater (sold separately), slide into the reef cavity next to the filter as shown in the quick setup guide, and feed the cord through the acrylic drytube.

For operational and temperature regulation information, refer to the heater manufacturer's manual. Note that this system is designed for use with a Stealth 25 watt aquarium heater* only. (Heater must be completely submerged) *Use of any other heater is not advised and may result in damage to the aquarium, and injury.

IV. Place the aquarium back on the decorative base, and route the cords through the hole in the base as shown in the quick setup guide.

FILLING YOUR AQUARIUM:

I. Decide where your aquarium will be displayed by finding a sturdy, level surface near an electrical outlet. Be sure the structure supporting the aquarium will be able to withstand the weight once the aquarium is filled with water. When filled, your aquarium with its contents will weigh about 50 pounds. If you desire your aquarium to be near a window, be sure it is in an indirect path of the sun. Move your unfilled aquarium to the desired location and position it accordingly, ensuring that it is level. **IMPORTANT!** Do not lift the aquarium by the single dry tube. Damage to the aquarium may occur. Do not plug any of the electrical cords into an outlet until all set-up procedures are completed. Important! When you begin to fill your aquarium with the necessary components, such as the moist "live" sand, the synthetic sea salt and filtered water, avoid spilling any of these materials down the center of the reef and dry tube where electrical cords are present. This will cause leaks and immediate damage to the electrical and lighting systems as well as the possibility of producing electric shock when plugged in.

II. If you desire to maintain a salt water environment, it is necessary to empty the sand (if purchased) into the bottom of the aquarium by spreading it evenly around the reef structure. Do not get the sand on the acrylic wall, as this will cause visible scratches and blemishes to the acrylic. If you choose to maintain a fresh water environment, do not add the sand or synthetic sea salt. You will need to purchase gravel or substrate from your local aquarium dealer.

III. Next, fill your tank with purified or filtered water to about 1.2" below the top of your aquarium. Avoid splashing any water inside the dry tube or near the light bulb

socket. Make sure the filter remains inside the reef and is submerged. Reversed osmosis filtered water can be purchased at most grocery stores or aquarium supply centers. If you are unable to obtain the filtered water, you may use tap water; however, discuss the required amounts of de-chlorinator to use with your local aquarium supply center.

IV. If you are maintaining a salt water aquarium, slowly add between 1.2 and 3.4 of the 5 gallon pre-packed synthetic salt into your aquarium, and stir the water gently with a non-metal and non-abrasive device to help dissolve any large salt particles. Check the salinity using a salinity meter. The recommended salinity for your tank should be approximately 1.020. Let your aquarium run for 24 hours and verify the salinity before introducing any fish. You may need to adjust the salinity.

V. Carefully slide the clear acrylic lid back over the top of the aquarium and affix the light fixture back on the dry tube. Replace the screw at the base of the light fixture. Once the filter is plugged into the outlet, it may take several minutes for the water to run through the filter and create a visible water flow. The flow rate and positioning of the rotating outlet may need to be adjusted so that it gently breaks the top of the water line. This will help provide glitter lines when the light is turned on, as well as provide proper aeration. It is recommended to allow the system to run and circulate for a minimum of 24 hours before adding any fish. Refer to the manufacturer's manual for additional information about your filtration system.

MAINTENANCE:

Always unplug all electrical equipment from the outlet before performing aquarium maintenance of any kind. Never remove the clear acrylic lid while the light fixture or any other electrical equipment is plugged into an outlet.

The amount of maintenance required for your aquarium is primarily determined by the fish population inhabiting your aquarium, the amount of food dispensed into the tank, and the placement of your aquarium in proximity to a natural light source.

I. Do not attempt to use any type of household window cleaning products or any other common cleaning solvents to wash the outside or inside of your aquarium. Using such products will cause permanent damage, scratching and crazing to the acrylic as well as possible harm to the fish. Only use acrylic safe and approved cleansers available from aquarium supply centers.

II. As you notice your water level depleting due to natural evaporation, simply replenish your tank with purified or filtered water to maintain the proper water level needed and to enable efficient operation of the filtration system. To do so, simply remove the decorative top and slide the acrylic lid to the side to gain access to the inner portion of the aquarium. Slowly pour the filtered water directly into the

aquarium. Slide the acrylic lid back over the tank and replace the decorative surround.

III. To gain access to the filtration system for routine cleaning procedures, begin by unplugging all electrical equipment from the outlet. Remove the screw on the base of the elbow light fixture as indicated in the assembly instructions and shown in Step 2 and 3 of the Quick Set-up Guide. Regular cleaning of your filtration system is necessary to ensure optimal performance and longevity of your system. Refer to the manufacturer's manual for proper cleaning instructions.

IV. To clean the acrylic cylinder, use a soft pad purchased from your local aquarium supply store to gently remove any algae along the acrylic wall or reef structure. Other devices to clean the inside acrylic wall, such as acrylic safe aquarium magnets, are readily available from your local aquarium retailer. Consult your aquarium supply store for other approved methods and products.

V. In the event you are in need of relocating your aquarium, you must never attempt to move the aquarium full or partially full of water. To relocate the aquarium, it is necessary to remove the fish and completely drain the water by a siphon system from the tank. First unplug all the electrical wires from the outlet, then access the inner portion of the aquarium by referring to the initial set-up instructions.

WATER CHANGES:

Please note that a water change is different from replenishing the natural evaporated water in your tank. To replenish evaporated water, refer to the instructions listed in the maintenance section. A water change is necessary to eliminate a build up of nitrate and toxins in the water. A 20% water change should be conducted approximately every month after the initial setup, or as needed. Each time a water change is conducted, you will need to replace 20% or (1) gallon of salt water from your (5) gallon aquarium by siphoning. Consult your local dealer for water change specifics.

QUICK SETUP GUIDE

(refer to assembly instructions on page 3 for more details)

Thank you for purchasing one of our designer aquariums. We hope you enjoy this artistically detailed saltwater aquarium and your new fish that will inhabit this tropical environment.

For questions or for additional information regarding setup please visit www.aquariumwithsense.com

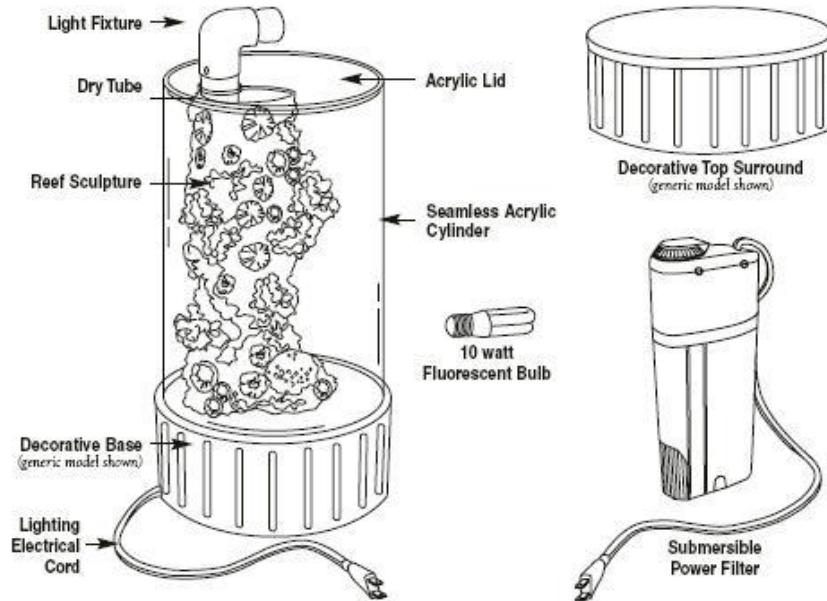
KEEP THESE INSTRUCTIONS IMPORTANT!

Do not lift the aquarium by the acrylic drytube. Damage to the aquarium may occur. As with any replicated aquarium décor, we recommend that the reef sculpture be rinsed

in freshwater prior to set-up to ensure that all packing material residue or dust is removed from the tank before introducing fish.

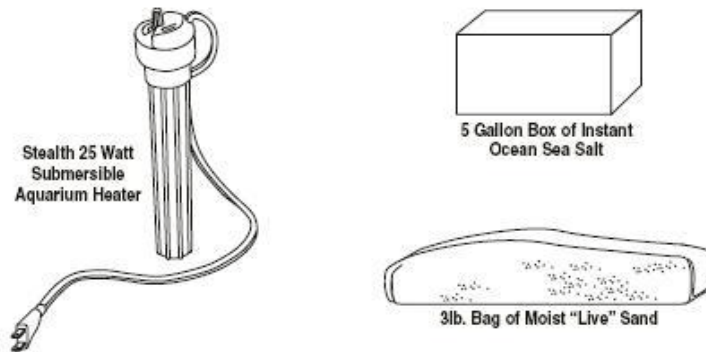
VERIFY PACKAGE CONTENTS

AQUARIUM



COMPLETE SETUP KIT

Optional (sold separately)

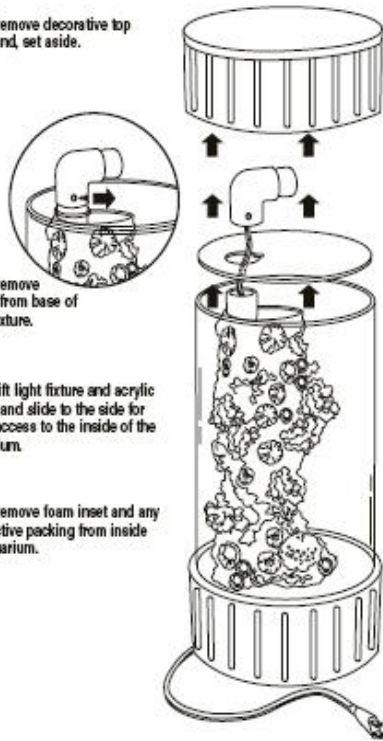


1 Remove decorative top surround, set aside.

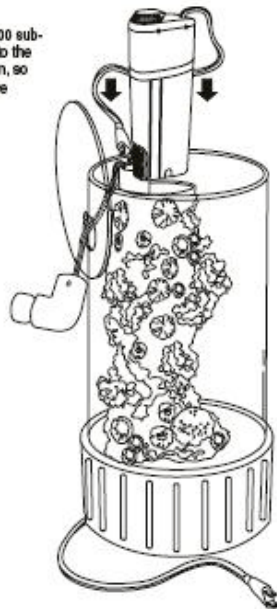
2 Remove screw from base of light fixture.

3 Lift light fixture and acrylic lid up and slide to the side for easy access to the inside of the aquarium.

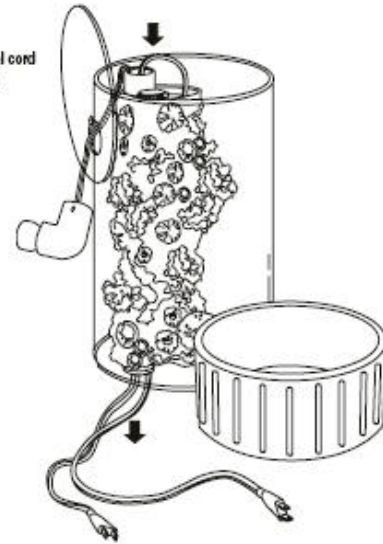
4 Remove foam inset and any protective packing from inside of aquarium.



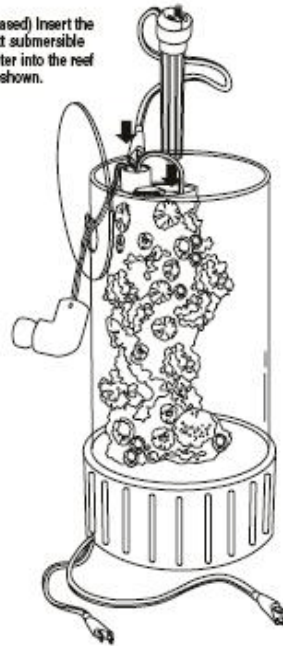
5 Insert the Duetto 100 submersible power filter into the reef sculpture, as shown, so that the section cups are against the dry tube.



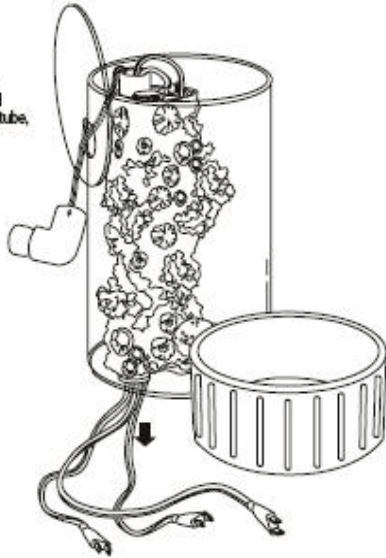
6 Run the electrical cord down the dry tube, as shown.



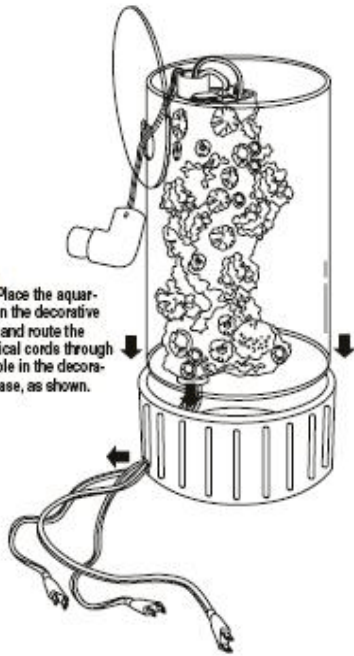
7 (If purchased) Insert the stealth 25 watt submersible aquarium heater into the reef sculpture, as shown.



- 8** Run the electrical cord down the dry tube, as shown.



- 9** Place the aquarium on the decorative base, and route the electrical cords through the hole in the decorative base, as shown.

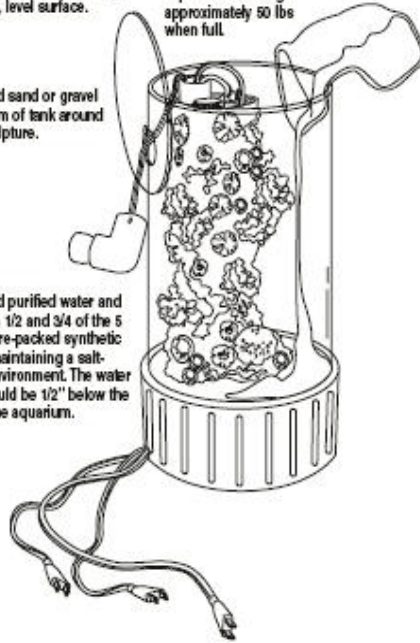


- 10** Place the aquarium on a sturdy, level surface.

PLEASE NOTE:
Aquarium will weigh approximately 50 lbs when full.

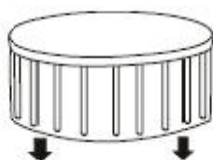
- 11** Add sand or gravel to bottom of tank around reef sculpture.

- 12** Add purified water and between 1/2 and 3/4 of the 5 gallon pre-packed synthetic salt, if maintaining a salt-water environment. The water line should be 1/2" below the top of the aquarium.



NOTE: Avoid splashing any water inside the dry tube or near the electrical wires and light bulb socket. Make sure the filter remains inside the reef and is submerged.

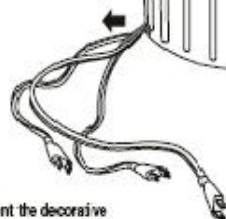
13 Affix light unit back on the dry tube and secure acrylic lid on acrylic cylinder, pulling all cords through the dry tube and through the decorative base as shown.



14 Replace screw at base of light fixture.

15 Screw light bulb into fixture.

16 Plug electrical components into an outlet.



17 Mount the decorative top surround on the aquarium and enjoy.

*Never attempt to move the aquarium full or partially full of water. Do not move or lift the aquarium by the acrylic drytube.

NOTE: You may need to adjust the rotating filter head, so that the flow gently breaks the water line for proper aeration. Refer to instruction manual included in filter box. Check the salinity of your aquarium with a salinity meter. The recommended salinity for your tank should be about 1.026. Let the aquarium run for 24 hours and then verify the salinity.

ADDING FISH: Allow your aquarium to operate for at least a few hours, preferably 24 hours before adding any fish. This will allow ample time for circulation and oxygenation of water and insure proper filter performance. For additional information visit your local aquarium or pet retailer for advice and access to livestock for your aquarium.

