## T5HO Hybrid Fixtures Models: 420504, 420505, 420506, 420522 Installation, Operation & Maintenance Guide



# Thank you for purchasing an Aquatic Life T5HO Hybrid Fixture.

When maintained properly, this unit will provide you with years of service.





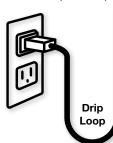


**WARNING:** Please read carefully before proceeding with installation. Your failure to follow any attached instructions and operating parameters may lead to the product's failure.

#### A) READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

B) **DANGER –** To avoid possible electric shock, special care should be taken since water is employed in the use of aquarium equipment. For each of the following situations, do not attempt repairs by yourself; return the appliance to an authorized service facility for service or discard the appliance:

- If the appliance falls into the water, DON'T reach for it! First unplug it and then retrieve it. If electrical components of the appliance get wet, unplug the appliance immediately. (Non-immersible equipment only)
- If the appliance shows any sign of abnormal water leakage, immediately unplug it from the power source. (Immersible equipment only)
- 3) Carefully examine the appliance after installation. It should not be plugged in if there is water on parts not intended to be wet.
- 4) Do not operate any appliance if it has a damaged cord or plug, or if it is malfunctioning or has been dropped or damaged in any manner.
- 5) To avoid the possibility of the appliance plug or receptacle getting wet, position aquarium stand and tank to one side of a wall-mounted receptacle to prevent water from dripping onto the receptacle



or plug. A "drip loop," shown in the figure to the left, should be arranged by the user for each cord connecting an aquarium appliance to a receptacle. The "drip loop" is that part of the cord below the level of the receptacle, or the connector if an extension cord is used, to prevent water traveling along the cord and coming in contact with the receptacle. If the plug or receptacle does get wet, **DON'T** unplug the cord. Disconnect the fuse or circuit breaker that supplies power to the appliance. Then, unplug and examine for presence of water in the receptacle.

- C) Close supervision is necessary when any appliance is used by or near children.
- D) To avoid injury, do not contact moving parts or hot parts such as heaters, reflectors, lamp bulbs, and the like.
- E) Always unplug an appliance from an outlet when not in use, before putting on or taking off parts, and before cleaning. Never yank the cord to pull the plug from outlet. Grasp the plug and pull to disconnect.
- F) Do not use an appliance for other than intended use. The use of attachments not recommended or sold by the appliance manufacturer may cause an unsafe condition.
- G) Do not install or store the appliance where it will be exposed to the weather or to temperatures below freezing.
- H) Make sure an appliance mounted on a tank is securely installed before operating it.
- I) Read and observe all the important notices on the appliance.
- J) If an extension cord is necessary, a cord with a proper rating should be used. A cord rated for less amperes or watts than the appliance rating may overheat. Care should be taken to arrange the cord so that it will not be tripped over or pulled.
- K) For added safety, the appliance must be plugged into a receptacle controlled by a GFCI (ground fault interrupter) circuit breaker. The device must be properly connected to a grounded three-prong receptacle.
- L) This appliance is intended FOR HOUSEHOLD USE ONLY.
- M) This Light Fixture is required to be used over a covered aquarium. A glass top or protective barrier is required to minimize the fixture's exposure to water.
- N) SAVE THESE INSTRUCTIONS.

nan intended use. The use of sold by the appliance manufacturer where it will be exposed to the reezing. on a tank is securely installed

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Contents				
	420504 24"	420505 36"	420506 48"	420522 61"
Two Lamp Fixture Housing	2	2	2	2
Metal Endplate	2	2	2	2
Endplate Screws	10	10	10	10
Small Wire Clip Black 6.5mm	3	3	3	3
Large Wire Clip Black 9.5mm	3	3	3	3
Rectangular LED Bracket	2	4	6	8
Round LED Bracket	1	2	3	4
Bracket Screws	6	10	14	18
Suspension Hardware	2	2	2	2
Tools Recommended for Installation				
Phillips Screwdriver				

# FIXTURE ASSEMBLY

**Step 1** – Lay the two fixtures on a surface that won't scratch the finish. Power cords should be positioned on opposite sides and the power cords should be closest to the outside of the fixture as pictured.



**Step 2** – Slide the Suspension Hardware into the channels on each fixture.



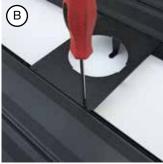


**Step 3** – Attach the Metal Endplate to each side of the fixture using the longest screws. The Metal Endplates have a cutout to go around the power cord on each side of the fixture. The Endplates also have additional holes that are larger and designed to go over the screws preinstalled on the ends of the Fixture Housings.



**Step 4** – Install the Bracket needed to mount your LED fixture between the two T5HO Fixture Housings. The Brackets will rest in the channels on the Fixture Housings and are then secured in place with the shortest screws.







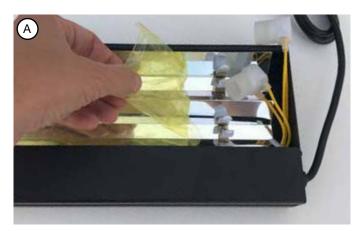


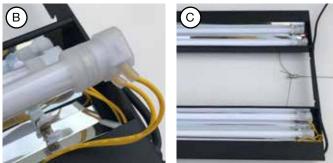
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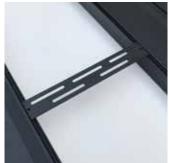
**Step 5** – Remove the reflector protective film and Install the T5HO Lamps of your choice into the Silicone Endcaps. Secure the Lamps with the Clip at the end of each Lamp.





**Step 6** – Install your LED Fixture onto one or several of the LED Brackets. The Round Bracket will accommodate popular LED pendant fixtures, while the Rectangular Bracket has multiple slots where a screw can pass through to secure the LED fixture.





**Step 7** – With the LED Fixtures installed, it is now possible to route the power cords away from the fixture. Use the included Small and/or Large Wire Clips to secure the T5HO and LED cords to the side of the Fixture Housing.







Step 8 – Suspend the Fixture safely above the aquarium.

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## UNIT MAINTENANCE

Turn off the power to the T5HO Fixture and LED Fixtures and unplug the fixtures. Wipe the housing with a clean moist/semi dry cloth to remove dust, salt and other debris that may build-up on the fixture.

### PRODUCT REGISTRATION

Thank you for purchasing an Aquatic Life product - we know you'll enjoy it!

#### **BENEFITS OF REGISTRATION:**

#### **Confirmation of Ownership**

Provides a record in the event you need to contact us about your product in the future.

#### **Your Safety**

Allows us to contact you with important product notifications.

#### Improved Product Support

Helps us continue to tailor our products and services to meet your needs.

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This warranty does not apply to damage resulting from accident, misuse, abuse, lack of reasonable care, failure to follow safety and installation instructions, use of the product with non-standard electrical service, or any other defect not resulting from defects in the electrical components of the product or defects in materials or workmanship. This warranty will not be effective unless and until the Aquatic Life product is shown to have been used in accordance with the safety and installation instructions accompanying the product.

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