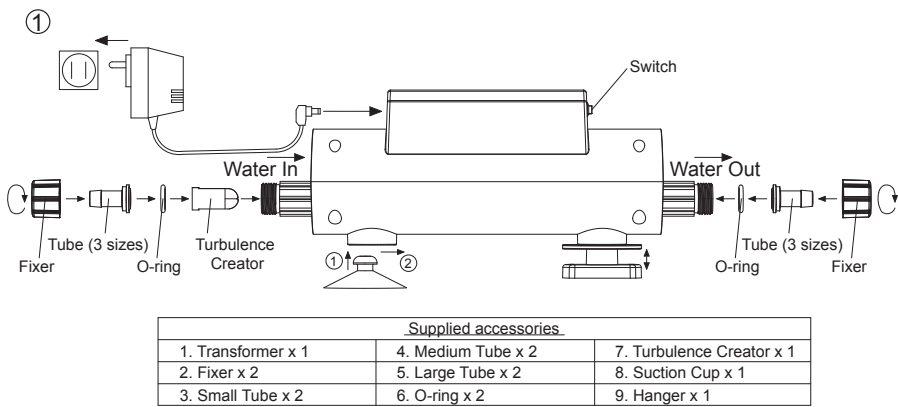


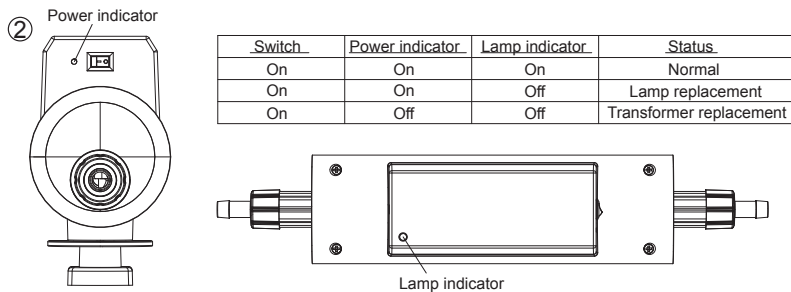
A VITT TECHNOLOGY PRODUCT

AQUACLEAN™

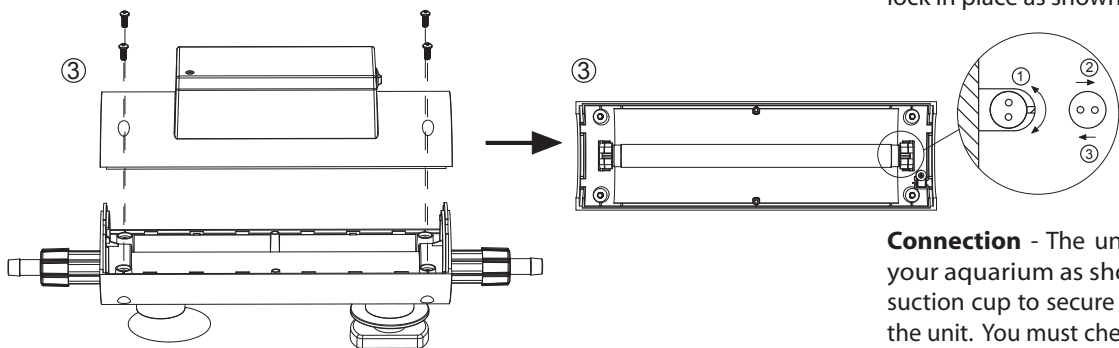
Assembly



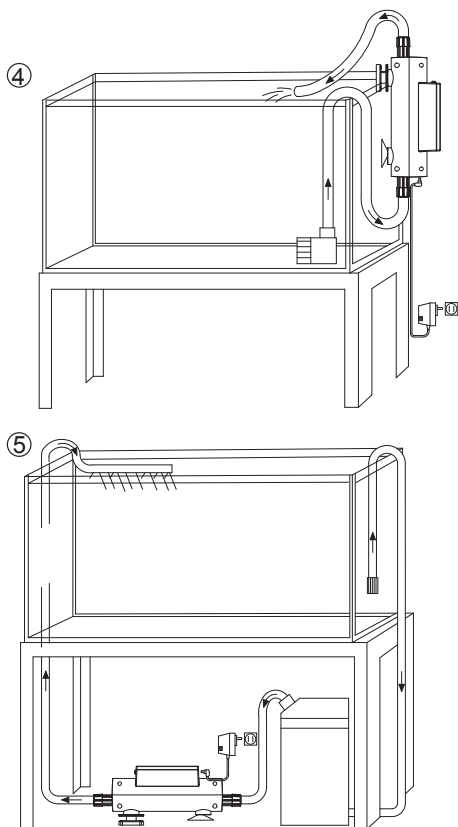
LED Lights



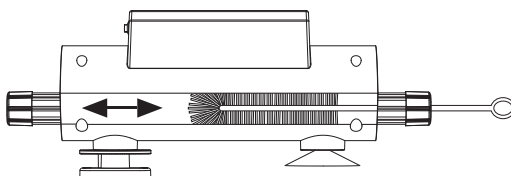
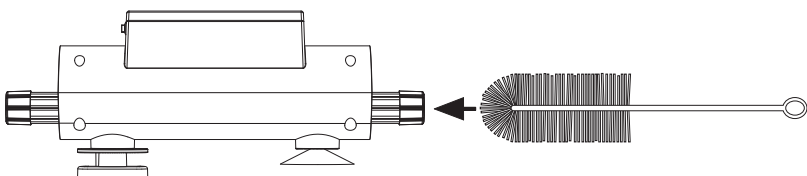
Lamp Replacement



Connection



Cleaning of the quartz glass tube



INSTRUCTIONS

TOOLS REQUIRED - PHILLIPS SCREW DRIVER TO CHANGE UV-C BULB

Assembly - See diagram ① . Follow the diagram to assemble the unit.

Note that the suction cup is removable and that the spring loaded plastic hanger is also removable. To remove the suction cup pull the suction cup towards the empty space. To install the suction cup insert and pull it into the original space as shown in Assembly diagram ①. To remove the plastic spring loaded hanger twist the plastic hanger counter clockwise and remove. To install the plastic spring loaded hanger insert as shown on Assembly diagram ①, and twist clockwise to lock in place.

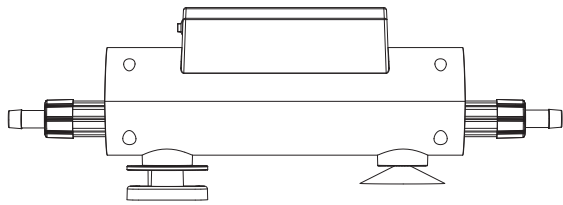
LED Lights - See diagram ② The LED next to the on/ off switch is the indicator light for the power supply. The LED light on the top surface of the unit is the indicator light for the bulb. Please note that if both indicator lights are out the first thing to check is to confirm that the adaptor is in an electrical supply socket that has power. The next step is to check if the on/ off switch is in the on position. If after insuring there is power coming to the unit and the LED for the bulb is out while the power supply LED is on then the bulb needs to be replaced. If both LED lights do not light then replace the transformer.

Lamp Replacement - Follow the instructions for removing the four bolts as per the lamp replacement diagram. When replacing the bulb, insert the ends of the bulb as shown in the bulb installation diagram ③ and twist to lock in place as shown.

Connection - The unit may be hung from the side of your aquarium as shown in the diagram ④. Use supplied suction cup to secure the unit in place at the other end of the unit. You must check all connections to insure there is no water leaking from the connections. Please note that the direction of the flow of water must be from the end with the turbulence creator to the other end that allows the water to go back into the aquarium. Note water flow indicator arrow on the ends of the blue tubes.

The unit can be used in the horizontal position as shown in the diagram ⑤. Please be sure that all air has been removed from the unit and water lines to insure a smooth flow of water. It is desirable that the intake of water going from the aquarium and the output of clean water going to the aquarium be as far apart as possible to insure the maximum cleaning efficiency of the unit as shown in the diagram ⑤. The intake and output of water for all types of installations should follow the illustrations as closely as possible even when the unit is mounted by hanging it on the side of the aquarium.

Cleaning of the quartz glass tube - If you should ever need to clean the quartz glass tube carefully disconnect the water supply and carefully remove the plastic turbulence creator using your fingers to grasp it or gently withdrawing it with a pair of pliers before pushing a soft bristle brush through the quartz glass tube back and forth several times. This should need to be done only after a long period of use. The unit is self cleaning by the patented turbulence creator.



Thank you for purchasing the finest UV new high technology patented system available for your aquarium. It uses a new patented German high technology invented by Mr. Wolfgang Vitt. We combine German patented technology and American design to give you the finest and most efficient UV aquarium unit available. For your safety we use a special low voltage system that is very efficient and cost effective using only 12 volts/ 6 watts of power. The Vitt Technology used in this unit keeps your aquarium residents healthy and is very cost effective to operate. Proper installation and use of this finely manufactured high quality unit will insure satisfactory service for many years to come while keeping your fish and other aquatic residents healthy. Please carefully follow the supplied instructions and diagrams. Please read all of the supplied printed matter before installing and using this unit.

This new patented high technology Vitt System keeps your aquarium free from excessive algae growth. It also kills harmful viruses, bacteria and other parasites that can make your aquarium inhabitants ill and eliminates putting chemicals into your aquarium on a frequent basis. We help you keep your valuable aquatic residents healthy. The unit is recommended for both salt water and fresh water aquariums. Water only touches the quartz glass tube and plastic parts and so there is no corrosion to be concerned with. The use of this unit does not harm the bacteria that are needed in your system in the gravel or filter to decompose waste matter. Your ecology system is maintained while you eliminate parasites and other organisms floating in the water that prey on your fish and other aquarium residents.

We recommend that you place this unit in line with the water flowing out from a filter system. If your filter system does not permit this then a pump is required to operate this unit. This unique design allows one to change the bulb when necessary, about once a year, depending on the number of hours operated without interrupting or disconnecting the water flow. This unit comes supplied with a bulb that is rated for an average life of 8,000 hours. See the diagrams of the unit supplied.

This unit is recommended for aquarium enclosures from 20 gallons up to 150 gallons. This unit can be used for small ponds up to 600 gallons.

Note that this unit will kill Ich in the larval stage only since they float in the water. If your fish are infected by Ich on their bodies, consult a competent veterinarian for proper treatment. Once the fish are cured, this unit will keep the water free of Ich larvae. It will not harm useful bacteria in your gravel or bio filter system such as under gravel filters.

⚠ WARNING

- Lamp emits UV radiation which may cause eye/ skin injury.
- Avoid exposure of eyes and skin to unshielded lamp.
- Do not operate unit without cover.
- Switch Off and unplug the adapter before lamp replacement.
- To reduce risk of fire, use only MAX. 6W, G6T5 Ultra Violet tube.
- For indoor use only.
- Do not look into the ends of the unit when power supply is on. Do not open any other parts of this unit or transformer. There are no other consumer serviceable parts except for the replacement of the bulb or transformer.
- **Do not immerse unit in water. This unit is not water proof.**

FCC Requirements

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a consumer ISM equipment, pursuant to Part 18 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio TV technician for help.

NOTE: This product may cause interference to radio equipment and should not be installed near maritime safety communications equipment or other critical navigation or communication equipment operating between 0.45-30 MHz.

Warranty

Lotus Aqua Sanitec DBA LIL warrants to the original purchaser of this unit that it is free of defects in material or workmanship for a period of one year from the date of purchase, provided that this equipment is installed according to the manufacturers instructions and used within the environment it was designed for.

Lotus Aqua Sanitec DBA LIL will not be liable for any labor costs of removing or replacing component parts or the entire unit. This shall be the responsibility of the original purchaser as will be all shipping charges to and from the service center (Your Texas office location.)

Damage or failure of this unit or any part covered by the product warranty which results from causes directly or indirectly related to the installation, operation, environment, use of willful abuse, including without limitation, improper repackaging and damage incurred during shipping, is not covered by the product warranty.

Unless state law provides otherwise, any implied warranties which accompany the sale of these goods are limited to one year from the date of sale.

Unless state law provides otherwise, manufacturer will only be responsible for repair or replacement of any of its' products or parts thereof that are found to be defective and will not bear the cost of any incidental or consequential damages arising out of the occurrence of such defect.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

04/08

For USA warranty service and ordering spare part, please call 1-877-782-6252.