

# SPECIFICATIONS

MODEL	CAPACITY	MAX WATER FLOW	CONNECTIONS	POWER	VOLT/FREQ
E18-UV	300 GALLONS	750 GPH	1" ADAPTER 1/2" - 1 1/2" ADAOTER	18 WATTS	110-120V/ 60HZ
E36-UV	500 GALLONS	1250 GPH	1" ADAPTER 1/2" - 1 1/2" ADAOTER	36 WATTS	110-120V/ 60HZ

## WARRANTY

PRODUCTS ARE WARRANTIED BY AQUATOP AQUATIC SUPPLIES TO THE ORIGINAL PURCHASER AGAINST DEFECTIVE MATERIAL AND WORKMANSHIP UNDER NORMAL USE FOR A PERIOD OF 180 DAYS FROM THE DATE OF THE ORIGINAL PURCHASE. AQUATOP ELITE PRODUCTS CARRY A WARRANTY OF ONE YEAR FROM THE DATE OF ORIGINAL PURCHASE. PRODUCTS HAVE NO WARRANTY IF: 1) THE PRODUCT HAS BEEN SERVICED, MODIFIED OR TAMPERED WITH BY ANYONE OTHER THAN AQUATOP AQUATIC SUPPLIES, 2) THE PRODUCT HAS BEEN ABUSED OR DAMAGED (INCLUDING BROKEN OR CRACKED BULBS), AND/OR THE PRODUCT HAS BEEN TRANSPORTED WITHOUT PROPER PACKAGING. NOTE: UV BULBS ARE NOT COVERED UNDER WARRANTY.

FOR MORE INFORMATION ON TANK HEALTH AND MAINTENANCE AS WELL AS OTHER PRODUCTS CARRIED BY AQUATOP, VISIT OUR WEBSITE:  
[WWW.AQUATOP.COM](http://WWW.AQUATOP.COM)

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UV ELIMINATOR SERIES | IN-LINE UV STERILIZERS

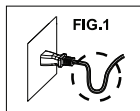
# INTRODUCTION

THANK YOU FOR CHOOSING AQUATOP'S ELIMINATOR SERIES OF IN-LINE UV STERILIZERS. THE ELIMINATOR UV SERIES IS THE PERFECT SOLUTION FOR YOUR CLARIFICATION AND STERILIZATION NEEDS. THE ELIMINATOR UV SERIES AIDS IN CONTROLLING UNWANTED ALGAE BLOOMS AND HELPS ERADICATE FREE-FLOATING PARASITES SUCH AS ICH. WITH A SPECIALLY DESIGNED INTERNAL BAFFLING STRUCTURE, THE UNIT FORCES WATER TO PASS BY THE UV UNIT MULTIPLE TIMES BEFORE EXITING BACK INTO A BODY OF WATER. EACH UNIT IS COMPACT AND EASY TO USE. SIMPLY CUT THE STEPPED HOSE ADAPTERS TO THE APPROPRIATE TUBING SIZE, CONNECT HOSES, ADD HOSE CLAMPS AND PLUG IN. SUITABLE FOR BOTH FRESH AND SALTWATER USE, THE ELIMINATOR UV SERIES HELPS TERMINATE AQUATIC PESTS AND DELIVERS CRYSTAL CLEAR WATER.

## CAUTION & SAFETY TIPS

IT IS YOUR SOLE RESPONSIBILITY TO VERIFY THAT THE PLUG AND THE RECEPTACLE ARE CLEAN AND FREE OF MOISTURE AND SALT BUILDUP AT ALL TIMES. THE RECEPTACLE MUST BE FREE OF WATER, SALT, CALCIUM, MAGNESIUM AND DUST. FAILURE TO DO SO CAN CAUSE FIRE, DAMAGE TO PROPERTY, PERMANENT DAMAGE TO THE PRODUCT, AND PERSONAL INJURY NOT LIMITED TO LOSS OF LIFE.

1. READ AND FOLLOW ALL INSTRUCTIONS.
2. A DRIP LOOP MUST BE USED WITH ALL ELECTRICAL AQUARIUM DEVICES. A DRIP LOOP IS A SELF-MADE PART OF THE CORD HANGING BELOW THE RECEPTACLE. (SEE FIG. 1)
3. A GFCI (GROUND FAULT CIRCUIT INTERRUPTER) SHOULD BE USED IN THE BRANCH CIRCUIT SUPPLYING ALL POWER TO WATER PUMPS AND ELECTRICAL AQUARIUM EQUIPMENT. IF YOU DO NOT HAVE A GFCI, WE STRONGLY RECOMMEND HAVING A QUALIFIED ELECTRICIAN INSTALL ONE PRIOR TO OPERATING ANY AQUARIUM COMPONENT.
4. DO NOT PLUG INTO EXTENSION CORD/POWER STRIP.
5. USE THIS PRODUCT FOR ITS INTENDED USE ONLY.
6. NEVER YANK OR PULL THE CORD FROM THE ELECTRICAL OUTLET.
7. DO NOT OPERATE IF THE PLUG OR WIRE IS DAMAGED.
8. DO NOT OPERATE WITHOUT WATER.
9. VERIFY THAT HANDS ARE DRY PRIOR TO DISCONNECTING THE POWER.
10. TO REDUCE THE RISKS OF ELECTROCUTION, KEEP ALL CONNECTIONS DRY.
11. FOR INDOOR USE ONLY.



# TROUBLESHOOTING

ISSUE	PROBLEM / SOLUTION
<p><b>UV LAMP DOES NOT TURN ON</b></p>	<p>A) THERE MAY NOT BE AN ELECTRICAL CURRENT RUNNING TO THE DEVICE. CHECK TO MAKE SURE DEVICE IS PLUGGED IN PROPERLY. MAKE SURE THE SWITCH ASSOCIATED WITH THE OUTLET THAT THE DEVICE IS PLUGGED INTO IS TURNED ON. CHECK TO MAKE SURE THERE ARE NO SIGNS OF DAMAGE TO THE ELECTRICAL CORD.</p> <p>B) UV BULB MAY BE DEAD. REPLACE UV BULB/FOLLOW THE INSTRUCTIONS ON THE INNER PAGES. AQUATOP RECOMMENDS REPLACING THE UV BULB AFTER 8,000 – 9,000 OPERATING HOURS OR AT LEAST EVERY 6-9 MONTHS.</p>
<p><b>THERE IS NO WATER FLOW COMING OUT</b></p>	<p>A) THE MOTOR OF THE PUMP ATTACHED (NOT INCLUDED) MAY BE DEAD OR NON OPERATIONAL. CONSULT PLACE OF PURCHASE FOR FURTHER ASSISTANCE.</p> <p>B) THE PUMP YOU HAVE ATTACHED MAY NOT BE WORKING PROPERLY. THERE MAY NOT BE AN ELECTRICAL CURRENT RUNNING TO THE DEVICE – CHECK TO MAKE SURE DEVICE IS PLUGGED IN PROPERLY. MAKE SURE THE SWITCH ASSOCIATED WITH THE OUTLET THE DEVICE IS PLUGGED INTO IS TURNED ON. CHECK TO MAKE SURE THERE ARE NO SIGNS OF DAMAGE TO THE ELECTRICAL CORD. CONSULT PLACE OF PURCHASE FOR FURTHER ASSISTANCE.</p>
<p><b>THE FLOW RATE HAS BEEN REDUCED</b></p>	<p>A) CHECK THE PUMP INSTALLED (NOT INCLUDED) TO MAKE SURE IT IS WORKING PROPERLY AND IS NOT CLOGGED. THE INTAKE ON THE PUMP MAY BE CLOGGED WITH DEBRIS. CONSULT PLACE OF PURCHASE FOR CLEANING INSTRUCTIONS.</p>

## PARTS DIAGRAM



## PARTS LIST

1	Cap	5	Threaded nut (2)
2	PL UV + Socket	6	1 1/4" barbed fitting with gasket (2) / O ring (2)
3	Quartz sleeve	7	1-2" - 1" barbed fitting with gasket (2) / O ring (2)
4	Main body	8	Ballast
		9	Mounting bracket (2)

## INSTALLATION GUIDELINES

**NOTE:** THE ELIMINATOR UV UNITS DO NOT COME WITH A PUMP. A SEPARATELY PURCHASED POWERHEAD, CANISTER FILTER OR SUBMERSIBLE AQUARIUM/POND WATER PUMP CAN BE USED TO CIRCULATE WATER THROUGH THE ELIMINATOR UV UNIT. THE UNIT SUPPLYING WATER TO THE ELIMINATOR UV MUST PRE-FILTER THE INCOMING WATER TO THE UNIT. AQUATOP RECOMMENDS PRE-FILTERING THE INCOMING WATER TO LIMIT BUILDUP ON THE QUARTZ SLEEVE PROTECTING THE UV BULB. THIS WILL MAINTAIN MAXIMUM UV EXPOSURE.

## INSTALLATION

AQUATOP RECOMMENDS INSTALLING THE UNIT WHERE IT WILL NOT COME IN CONTACT WITH WATER. AQUATOP RECOMMENDS INSTALLING THE UNIT IN SUCH A MANNER THAT THERE ARE NO KINKS IN THE CONNECTING HOSES.

1. PLACE THE ELIMINATOR UV UNIT IN AN AREA WHERE IT WILL NOT COME IN CONTACT WITH WATER OR IN DIRECT CONTACT WITH THE ELEMENTS (I.E., RAIN, DIRECT SUNLIGHT, OR HIGH/LOW TEMPERATURES, ETC).

2. INSTALL THE INTAKE STEPPED/BARBED FITTING; IF NEEDED CUT TO APPROPRIATE SIZE.

A) PLACE THE GASKET/O-RING ONTO THE FLANGE OF THE STEPPED/BARBED FITTING. AQUATOP RECOMMENDS USING SILICONE O-RING LUBRICANT TO CREATE A WATERTIGHT SEAL (NOT INCLUDED).

B) PLACE THE STEPPED/BARBED FITTING AND GASKET ONTO THE THREADED OPENING ON THE UV CHAMBER.

3. SLIDE THE THREADED NUT OVER THE STEPPED/BARBED FITTING AND TIGHTEN. AQUATOP RECOMMENDS HAND TIGHTENING ONLY. IF THE FITTING IS TIGHTENED TOO HARD OR TOO MUCH THE THREADED NUT MAY LEAK.

4. REPEAT STEPS 2 – 3 FOR THE OUTPUT/DISCHARGE FITTING. AQUATOP DOES NOT RECOMMEND REDUCING THE OUTPUT/DISCHARGE FITTING. THE OUTPUT/DISCHARGE TUBING MUST BE AT LEAST AS LARGE AS THE INTAKE TUBING.

5. SECURE THE INTAKE AND OUTPUT TUBING WITH HOSE CLAMPS.

6. TURN ON THE UNIT SUPPLYING WATER TO THE UNIT.

7. PLUG THE ELIMINATOR UV INTO A GFCI ELECTRICAL OUTLET ONLY.

## WARNINGS

PROTECT YOUR EYES FROM EXPOSURE TO UV LIGHT! UNDER NO CIRCUMSTANCE SHOULD YOU LOOK DIRECTLY INTO THE UV LAMP WHEN PLUGGED IN. ULTRAVIOLET LIGHT IS HARMFUL TO UNPROTECTED EYES AND CAN DAMAGE YOUR EYESIGHT. NEVER CHANGE/REPLACE THE UV LAMP WHILE THE UNIT HAS POWER. NEVER PERFORM ANY TYPE OF MAINTENANCE WHEN THE UNIT IS PLUGGED IN. UV LIGHT WILL DAMAGE YOUR EYESIGHT, POSSIBLY CAUSING TEMPORARY TO PERMANENT LOSS OF EYESIGHT.

## INSTALLING & REPLACING THE UV BULB

PLEASE REFERENCE THE WARNINGS AND CAUTIONS OF THE ELIMINATOR UV MANUAL PRIOR TO INSTALLING OR REPLACING THE UV BULB. AQUATOP RECOMMENDS REPLACING THE UV BULB EVERY 8,000 – 9,000 HOURS OF USE.

1. DISCONNECT POWER TO THE UNIT.
2. DISCONNECT WATER SUPPLY TO UNIT.
3. REMOVE OLD UV BULB. AQUATOP RECOMMENDS AVOIDING ANGLES DURING THE REMOVAL OF THE OLD UV BULB. FAILURE TO DO SO MAY CAUSE PERMANENT DAMAGE
4. UNSCREW THE THREADED UV BULB CAP LOCATED ON THE END OF THE UNIT. WHEN UNSCREWED THE INSIDE OF THE CAP WILL REVEAL THE UV BULB SOCKET.
5. REMOVE THE NEW UV BULB FROM THE BOX. AQUATOP DOES NOT RECOMMEND TOUCHING THE QUARTZ PART OF THE BULB. AQUATOP RECOMMENDS USING A SOFT, CLEAN CLOTH TO HANDLE THE UV BULB.
6. ALIGN THE PINS WITH THE HOLES IN THE BULB SOCKET. SLOWLY ENGAGE THE UV BULB AND SOCKET BY PRESSING THE UV BULB DIRECTLY INTO THE HOLES IN THE SOCKET. AQUATOP RECOMMENDS AVOIDING ANY ANGLES DURING INSTALLATION OF THE UV BULB. FAILURE TO DO SO MAY CAUSE PERMANENT DAMAGE TO THE UV BULB AND/OR THE SOCKET.
7. SCREW THE UV BULB CAP BACK ONTO THE UV STERILIZER.

12. IF THE PRODUCT FALLS INTO WATER, DO NOT REACH FOR IT. FIRST, UNPLUG THE UNIT. THEN RETRIEVE THE UNIT FROM THE WATER. IF ANY OF THE ELECTRICAL COMPONENTS GET WET, UNPLUG IMMEDIATELY.

13. DO NOT USE SOAPS OR DETERGENTS WHEN CLEANING THIS DEVICE. THOROUGHLY CLEAN AND RINSE WITH WARM WATER AND MAKE SURE THE DEVICE IS COMPLETELY DRY BEFORE CONNECTING.

14. DO NOT DISASSEMBLE THE UV LAMP WHILE CONNECTED TO POWER OR TURNED ON.

15. DO NOT LOOK DIRECTLY INTO THE UV LAMP WHEN PLUGGED IN. UV LIGHT MAY DAMAGE YOUR EYESIGHT. ALWAYS KEEP COVER ON WHEN UV LIGHT IS IN USE.

16. KEEP THIS PRODUCT AWAY FROM CHILDREN.