

CONTROLLER SETTINGS

- TURNING THE CONTROLLER ON/OFF - HOLD THE ON/OFF/SET BUTTON FOR 2 SECONDS TO TURN ON/OFF. AFTER TURNING THE UNIT OFF, WAIT 5 SECONDS BEFORE TURNING BACK ON.
- PUSH THE C/F BUTTON TO SWITCH THE LED DISPLAY IN BETWEEN CENTIGRADE AND FAHRENHEIT TEMPERATURE READING.
- HEATING TEMPERATURE SETTING - PUSH THE ON/OFF/SET BUTTON TO SWITCH THE LED DISPLAY FROM AQUARIUM TEMPERATURE READING MODE (NON-BLINKING NUMBER) TO TEMPERATURE SETTING MODE (BLINKING NUMBER). USE THE + AND - BUTTONS TO SET THE DESIRED HEATING TEMPERATURE VALUE. WHEN THE VALUE IS SET, PUSH THE ON/OFF/SET BUTTON TO COMPLETE THE SETTING.
- LOW TEMPERATURE ALERT SETTING - PUSH THE ALERT-LO BUTTON TO READY THE CONTROLLER FOR SETTING (BLINKING NUMBER). USE THE + AND - BUTTONS TO SET THE LOW TEMPERATURE ALERT VALUE. WHEN THE VALUE IS SET, THE LED DISPLAY WILL AUTOMATICALLY RETURN TO AQUARIUM TEMPERATURE READING MODE (NON-BLINKING NUMBER).
- HIGH TEMPERATURE ALERT SETTING - PUSH THE ALERT-HI BUTTON TO READY THE CONTROLLER FOR SETTING (BLINKING NUMBER). USE THE + AND - BUTTONS TO SET THE LOW TEMPERATURE ALERT VALUE. WHEN THE VALUE IS SET, THE LED DISPLAY WILL AUTOMATICALLY RETURN TO AQUARIUM TEMPERATURE READING MODE (NON-BLINKING NUMBER).

AQUATOP 180 DAY LIMITED WARRANTY

PRODUCTS ARE UNDER WARRANTY 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. 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 3) THE PRODUCT HAS BEEN TRANSPORTED WITHOUT PROPER PACKAGING. NOTE: U.V. BULBS ARE NOT COVERED UNDER WARRANTY.

FOR MORE INFORMATION ON TANK MAINTENANCE AND HEALTH, AS WELL AS OTHER PRODUCTS AVAILABLE FROM AQUATOP, VISIT WWW.AQUATOP.COM.
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DDC-800 DIGITAL CONTROLLER



OWNER'S MANUAL

INTRODUCTION

THANK YOU FOR CHOOSING AQUATOP'S DDC-800 DIGITAL CONTROLLER FOR TITANIUM HEATERS. THE DDC-800 OFFERS PRECISE CONTROL TO ENSURE STABLE WATER TEMPERATURES FOR ALL AQUATIC LIVESTOCK. EACH UNIT IS COMPATIBLE WITH AQUATOP'S 500W AND 800W TITANIUM HEATERS. WITH A HIGHLY VISIBLE DUAL DIGITAL LED DISPLAY, THE DDC-800 INCLUDES ADJUSTABLE HIGH AND LOW TEMPERATURE SETTINGS WITH AUDIO ALERTS. THIS ADVANCED CONTROLLER UTILIZES HEAVY-DUTY, THREE-PRONG RECEPTACLES AND OFFERS OVERHEATING PROTECTION. EACH UNIT IS EQUIPPED WITH A DUAL RELAY INTERWORK THAT DOUBLES THE PROTECTION AND SAFETY OF AQUATIC LIFE BY DISABLING THE HEATING ELEMENT IN CASE OF OVERHEATING. THIS HIGHLY ACCURATE DIGITAL CONTROLLER ELIMINATES TEMPERATURE FLUCTUATIONS AND IS THE PERFECT ADDITION FOR SALTWATER AND FRESHWATER SYSTEMS.

MAY THE DDC-800 HELP KEEP YOUR AQUARIUM TEMPERATURES STABLE AND YOUR AQUATIC CREATURES WARM!

WARNING

TO GUARD AGAINST INJURY, BASIC SAFETY PRECAUTIONS SHOULD BE OBSERVED, INCLUDING THE FOLLOWING:

READ ALL SAFETY INSTRUCTIONS BEFORE USE.

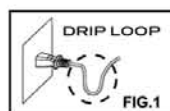
DANGER

TO AVOID POSSIBLE ELECTRIC SHOCK, SPECIAL CARE SHOULD BE TAKEN SINCE WATER IS EMPLOYED AROUND THE USE OF THIS PRODUCT. FOR EACH OF THE FOLLOWING SITUATIONS, DO NOT ATTEMPT TO REPAIR YOURSELF; RETURN THE APPLIANCE TO AN AUTHORIZED SERVICE FACILITY FOR SERVICE OR DISCARD THE APPLIANCE.

NOTE: 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, AND PERMANENT DAMAGE TO THE PRODUCT AND PERSONAL INJURY NOT LIMITED TO LOSS OF LIFE.

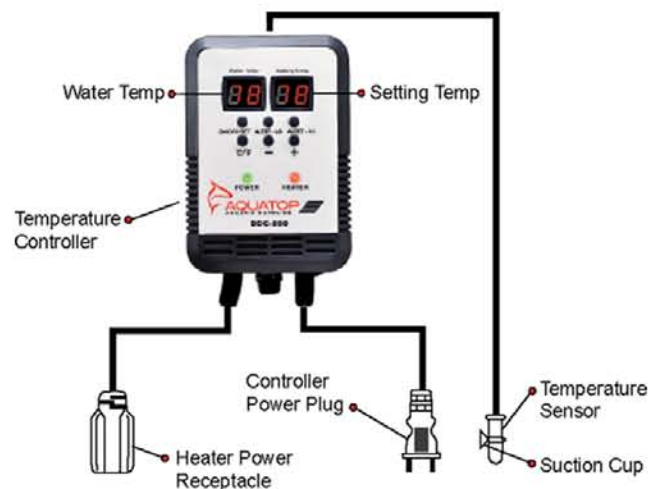
NOTE: BEFORE INSTALLING THE UNIT, CHECK FOR ANY SIGNS OF DAMAGE TO THE DEVICE. IF THERE ARE ANY SIGNS OF DAMAGE TO THE DEVICE, POWER CABLE OR PLUG, DO NOT USE AND RETURN TO PLACE OF ORIGINAL PURCHASE.

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)

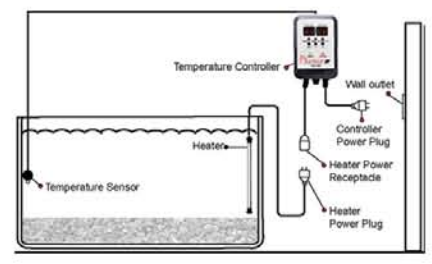


3. A GFCI (GROUND FAULT CIRCUIT INTERRUPTER) SHOULD BE USED IN THE BRANCH CIRCUIT SUPPLYING ALL POWER TO WATER PUMPS AND ELECTRICAL AQUARIUM EQUIPMENT. IF YOU DO NOT HAVE A GFCI, WE STRONGLY RECOMMEND HAVING A QUALIFIED ELECTRICIAN INSTALL ONE PRIOR TO OPERATING ANY AQUARIUM COMPONENT.
4. DO NOT PLUG INTO EXTENSION CORD/POWER STRIP.
5. USE THIS PRODUCT FOR ITS INTENDED PURPOSE ONLY.
6. NEVER YANK OR PULL THE CORD FROM THE ELECTRICAL OUTLET.
7. DO NOT OPERATE IF THE PLUG OR WIRE IS DAMAGED.
8. VERIFY THAT HANDS ARE DRY PRIOR TO DISCONNECTING THE POWER.
9. TO REDUCE THE RISKS OF ELECTROCUTION, KEEP ALL CONNECTIONS DRY.
10. FOR INDOOR USE ONLY.
11. IF ANY OF THE ELECTRICAL COMPONENTS GET WET, UNPLUG IMMEDIATELY.
12. DO NOT USE SOAPS OR DETERGENTS WHEN CLEANING THE EXTERIOR SURFACE OF THIS DEVICE.
13. MAKE SURE THE DEVICE IS COMPLETELY DRY BEFORE CONNECTING.
14. KEEP THIS PRODUCT AWAY FROM CHILDREN.

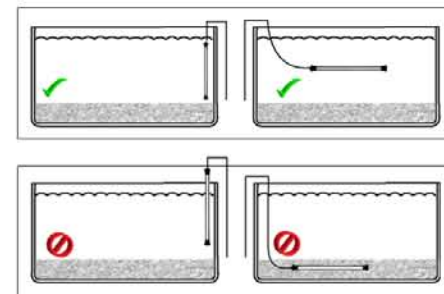
PARTS DIAGRAM



INSTALLATION



DO'S & DON'TS



OPERATION

- A. THE CONTROLLER SHOULD BE PLACED ABOVE AND AWAY FROM AQUARIUM WATER TO PREVENT THE CONTROLLER FROM BEING DAMAGED BY MOISTURE.
- B. AFFIX THE TEMPERATURE SENSOR TO THE AQUARIUM WALL WITH THE SUCTION CUP. DO NOT PUT THE TEMPERATURE SENSOR UNDER AQUARIUM SUBSTRATE. THE TEMPERATURE SENSOR SHOULD BE PLACED AWAY FROM THE HEATING ELEMENT FOR ACCURATE TEMPERATURE SENSING.
- C. CONNECT AQUATOP'S TITANIUM HEATER OR OTHER HEATING ELEMENT TO THE POWER RECEPTACLE. DO NOT PLACE THE HEATING ELEMENT UNDER OR ON TOP OF AQUARIUM SUBSTRATE. THE HEATING ELEMENT SHOULD BE PLACED WHERE THERE IS GOOD WATER FLOW.
- D. CONNECT THE CONTROLLER TO THE POWER OUTLET. THE POWER INDICATOR WILL ILLUMINATE, AND THE CONTROLS WILL START BEEPING FOR 2 SECONDS. FOLLOW THE CONTROLLER SETTINGS TO COMPLETE THE SETTINGS OF DESIRED HEATING TEMPERATURE AND LOW/HIGH TEMPERATURE ALERTS.
- E. WHEN THE WATER TEMPERATURE READING IS LOWER THAN THE SET VALUE OF THE DESIRED HEATING TEMPERATURE, THE HEATING INDICATOR WILL ILLUMINATE AND BEGIN HEATING.
- F. IF THE WATER TEMPERATURE MEETS AN ALERT SETTING VALUE, THE CONTROLLER ALARM WILL BEGIN BEEPING. IF THE WATER TEMPERATURE EXCEEDS THE HIGH TEMPERATURE ALERT SETTINGS, ALONG WITH THE ALARM INITIATED, THE HEATING PROCESS WILL BE STOPPED.
- G. TURNING OFF THE ALERT BEEPING - BEEPING WILL CEASE WHEN TEMPERATURES ACHIEVE THE SAFE VALUE SET AND/OR WHEN THE POWER SUPPLY IS TERMINATED.