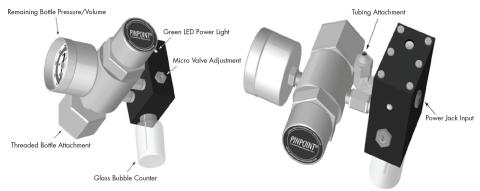
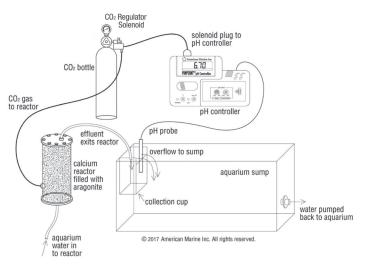
The **PINPOINT®** CO<sub>2</sub> Regulator is the perfect way to precisely deliver CO<sub>2</sub> gas to any aquaculture or horticulture system.



- \*\*\*IMPORTANT The PINPOINT® CO2 Regulator comes with a W22 female thread fitting to attach to your CO2 tank/bottle. It is important to verify the matching thread type on your  $\mathsf{CO}_2$  bottle to insure proper fit.
- The Kit also includes an adapter to convert the female W22 threads to type CGA 320. This is most common to paintball tanks.
- Install the  $\emph{PINPOINT}^{\circledR}$  Regulator on the  $CO_2$  tank so that the Glass Bubble counter will be in the proper vertical position. It is not required to fill the glass bubble counter, however, if you wish, the bubble counter should be filled no more than halfway with deionized water or bubble counter fluid. Any other type of liquid may cause calcium deposits on the gas exit pathway and is not advised.
- 4. Attach the tubing to the CO2 outlet.
- Attach the airline check valve in line on the silicone tubing to prevent backflow to the solenoid
- Attach the power supply jack to the back of the solenoid housing (worldwide power adapters are available).
- Attach the AC plug to the proper AC receptacle of the pH Controller.
- Open the valve on the CO<sub>2</sub> bottle. The flow of CO<sub>2</sub> gas can be fine-tuned by using the screwdriver on the micro control valve. The low voltage magnetic solenoid will only allow CO<sub>2</sub> gas to flow when the green LED solenoid light is ON.

## Consider the following setup into a marine aquarium sump:



Gas flow from the bubble counter to the silicone tubing fitting:



Electrical Adapters available include 120 VAC North America, 230 VAC Great Britain and Hong Kong, 230 VAC Australia and 230 VAC Europe with proper prong configuration.



120 VAC North America



230 VAC Great Britain and Hong Kong



230 VAC Australia



230 VAC Eur

## **WARRANTY**

The **PINPOINT®** CO<sub>2</sub> Regulator Kit by American Marine Inc. is warranted to be free of defects in material and workmanship for a period of 1 year from date of sale. Positive proof of purchase is required for warranty claim.

American Marine Inc. will not be liable for any costs of removal, installation, transportation charges, or any other charges, which may result in connection with a warranty claim. Water contact or corrosion with electric/electronic components will void warranty.

American Marine Inc. will not be liable for any damage or wear to products or livestock caused by abnormal operating conditions, water damage, abuse, misuse, unauthorized alternation or repair or if the product was not installed in accordance with the printed operating instructions.

Any defective product to must be sent freight prepaid with appropriate documentation supporting the warranty claim. Replacement or repair will be at the discretion of American Marine Inc. Typical turnaround time within 48 hours. Overnight delivery available.

