CALCIUM REACTOR INSTRUCTIONS

1. Enter Set-Points Menu, go to pH set point. Enter a set point 0.15 pH unit below normal running range. For example, if your system normally runs at 8.20, then set your set point to 8.05 with a range of ±0.05. Set your CO2 dose time to 0 seconds. This will override your dwell time automatically.

2. Enter the SET UP Menu, go to module ID and press enter to select. Go to the CO2 doser ID and set your specified address physically on the module and enter the same address into the doser ID. For example, D-2, set that same address on the module and plug the solenoid from the Calcium reactor into it.

3. Go into the operation Menu and go to the Control Menu, go to the CO2 Control Menu, enter to select, set control system to Auto.

4. The Buffer Doser Control, the system used to raise pH, is not used in this configuration and should be set to OFF in the Control Menu under Operation.

How this works:

When normally running 8.20 pH and with the Control setting we selected here, the unit is going to be tricked into thinking it needs to lower the pH value via dosing CO2 into the system. What is actually happening is the unit will constantly induce CO2 into the Calcium Reactor, lowering the pH in the reactor which will in turn dissolve the media and saturate the water running through it with calcium. Once the material inside the reactor completely dissolves, the Octopus will turn off the CO2 at 8.05 pH at the worst.