



GEO

Tubing harness installation for calcium reactors

Standard harness package with ¼" tubing comes with your reactor.

There are three colors:

- Blue = Effluent (output) water to your tank
- Black = Water feed line normally connected to a small pump in your sump
- White = CO2 input line connected to your CO2 regulator output



Step one:

Attach open end of blue tubing effluent line to top of manifold. One end of this tubing will have a micro ball valve attached. NOTE: if you are using a peristaltic pump to push water or pull water through your reactor remove this micro ball valve.

Step two:

Attach open end of black tubing feed line into back side of manifold. One end of this tubing will have a quick disconnect fitting, two clamps and a piece of ½" id tubing. The ½" id tubing will fit over the output of our recommended pumps: Cobalt 1200, Maxi Jet 1200 and Sicce Syncra 0.5 pumps. We do not recommend feeding water to the reactor through a manifold from your return pump. Water flow in excess of 200 gph may damage your reactor.

Step three:

Attach end of white tubing (this has a short piece of tubing coming off an inline check valve) to the last open port on the manifold. It is the port below the bubble counter. We highly recommend you follow the recommendations for check valve from the CO2 regulator manufacturer you will be using. CAUTION: using a check valve not appropriate for your regulator may cause damage. Geo's Reef is not responsible to damage to CO2 regulators.

Effluent/water out

Bubble counter

Co2 input

Feed line/water input

Check Valve provided





Co2 line connect
to regulator

Micro ball valve

1/2" ID connector
for feed pump