



GEO

Eheim Pump Installation



Items needed to install an Eheim pump to your GEO calcium reactor:

- Eheim Pump
- Pump install kit (supplied with reactor)
- Scissors or tube cutters
- Flat head screw driver
- Thread sealing tape or paste
- Pliers or strong fingers



Step 1:

Remove the base plate from the Eheim pump (this step may not be required with the larger pumps) and bolt it to the black mounting plate with the provided screws. With the pumps base plate fastened to the mounting plate attach the pump mount to the base of the reactor.

The flat head screw driver will be used for this step; do not over tighten the plastic fasteners. Snug is all that is required to install bot the pumps base plate and the pump mount.



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Step 2:

With the pump mount installed slide the pump onto its base plate and reattach the silver cover.



Step 3:

With the pump in place install the fittings provided in the kit. These fitting will vary depending on the pump kit, a 90 degree elbow fitting is always used at the pumps intake.

The fittings will need either a wrap of thread seal tape or an application of thread seal paste. If using tape be sure to wrap clock wise and only use a few wraps. Too much tape can stress the threaded connections and cause damage to the pump.

Do not over tighten these fittings



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Step 4:

Install the tubing provided to connect the pumps intake to the pump intake manifold. Tube is generally shipped to be cut to fit to ensure proper alignment.

Tip: apply a little silicone grease on the barb fittings before installing the tube. Attach the tubing to the barb on the pump intake and then cut it to length. The balance of the tubing will be used to connect the pumps out put to the barb located at the base of the chamber.



Step 5:

Once everything is connected the snap grip tube clamps can be installed. Strong fingers will do the job here, pliers can be used if needed.