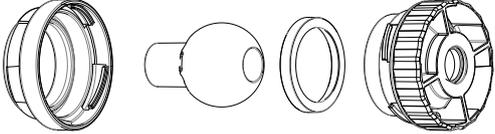


Installation Instructions

MAX® 130D Upgrade Circulation Pump

1

Familiarize yourself with the multidirectional outlet by disassembling and reassembling it a few times. When dry the nozzle does not rotate freely in the socket. Once assembled in the aquarium it will move as required and will remain in the desired position.

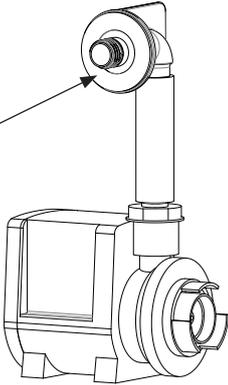


2

Assemble the Pipe set to the pump so that the threaded connector for the outlet nozzle is perpendicular to the pump as shown in the drawing.

Ensure that the rubber washer is in place on the connector.

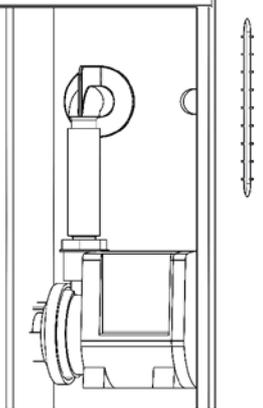
Check that the pump is assembled correctly and that the pump and power cable are not damaged.



3

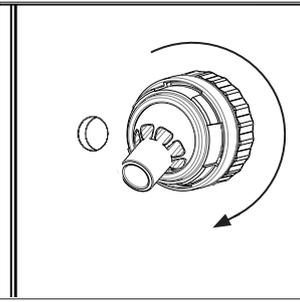
Insert the pump into the pump chamber so that the threaded connector goes through the hole on the right when viewed from the front.

(picture shows view from the rear)



4

Screw the outlet onto the threaded connector and tighten against the glass. Initially adjust the nozzle to the downward position.

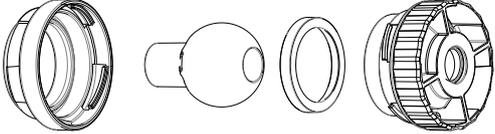


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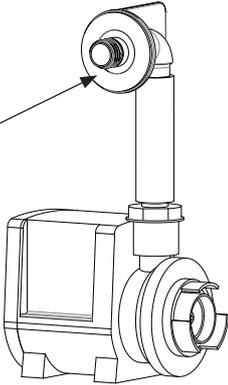


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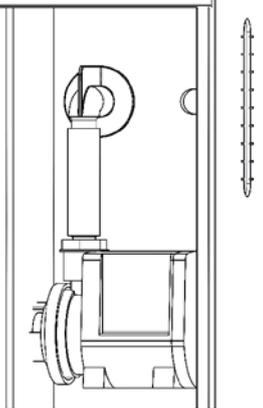
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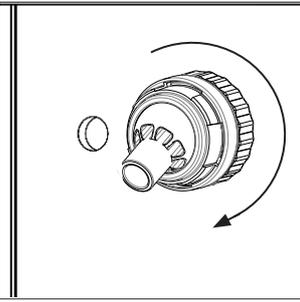
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Maintenance:

To ensure proper function the pump it should be cleaned on a regular basis.

1. Unplug the power cord of the pump from the electric supply and remove it from the aquarium
2. Remove the impellor chamber cover and take out the impellor.
3. Clean all of the parts, impellor chamber cover, impellor and the impellor chamber of the motor by wiping with a soft cloth or brush. To remove calcium carbonate deposits soak the parts in a weak acidic solution (vinegar, citric acid) until deposits have dissolved.
4. Rinse all parts thoroughly, reassemble the pump and return to the aquarium before reconnecting the power cable to the electric supply.

NOTE: Aquariums with higher levels of Calcium and Alkalinity will require more frequent maintenance.

Troubleshooting:

If the pump stops working or makes mechanical noise, disassemble and clean the pump as instructed above. If the pump makes mechanical noise after cleaning replace the impellor. The impellor is a wear item and may need to be replaced periodically.



Installation Instructions

MAX[®]130/130D Upgrade Circulation Pump

Notice:

Before carrying out this upgrade refer to the safety instructions in the MAX[®] 130/130D instruction manual.

1. The pump in this upgrade kit must be submersed in water and is only for use in the MAX[®] 130/130D aquarium. Operation without water can damage the motor.
2. **ATTENTION:** Before doing any maintenance to any appliance in the aquarium, disconnect the power cord of the MAX[®] Power Center from the wall outlet.
3. **CAUTION:** The MAX[®] Power Center must be connected to a circuit that is protected by a Ground Fault Circuit Interrupter.



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