

RCS2N • RCS2BL The Fish System 1



Thank you for purchasing The Fish System 1 recirculating system. Whether you are new to the world of "aquaculture" or are a seasoned veteran, The Fish System 1 can be a valuable learning tool.



About Your System

The Fish System 1 is a small-scale recirculating system. This system has three main parts; fish culture tank, water pump and filter system.

The Fish Culture Tank

This tank is flat bottomed eliminating the need for additional stands or supports. It holds 300 gallons and is roto-molded with the finest materials right here in the USA.

Water Pump

An extremely reliable, continuous-duty, energy efficient pump is included in this system. The pump is the heart of this recirculation system, proudly assembled in the USA. Your fish depend on it!

Filter System

Filtration is provided by a commercial grade pressurized bead filter. This filter is easy to use and covers your system's biological and mechanical filtrations needs.

The system comes with all the necessary items needed for assembly, including valves and fittings.

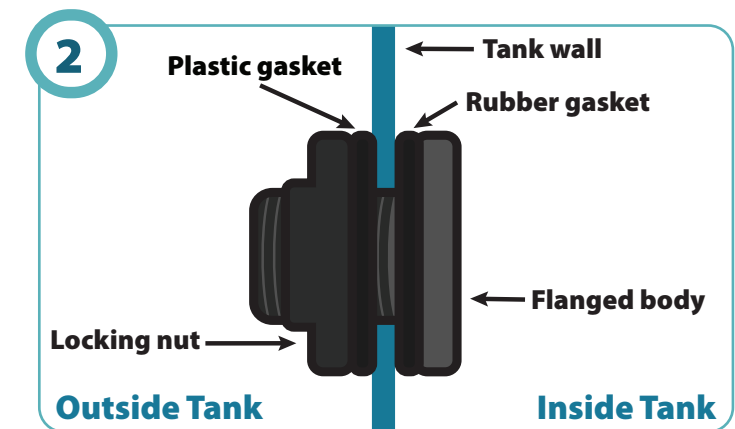
Kit Components



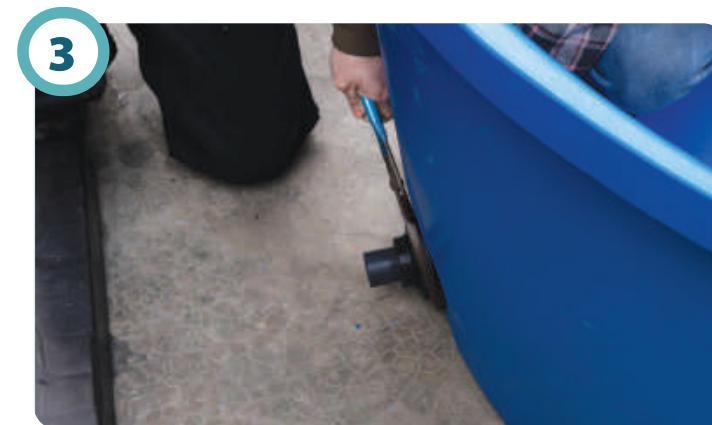
Instructions



Open filter box, follow the enclosed instructions. Attach the union to the return port on the filter and the half union on the pump port. **DO NOT OVERTIGHTEN!**



Insert the black bulkhead assembly in the hole near the bottom of the tank, making sure the rubber gasket is installed inside the tank.



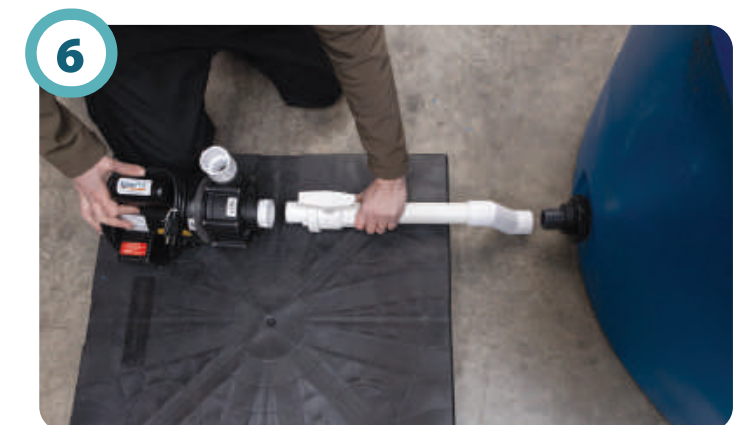
Tighten the bulkhead nut from the outside of the tank, hold the body of the bulkhead assembly securely from inside the tank. **DO NOT OVERTIGHTEN!**



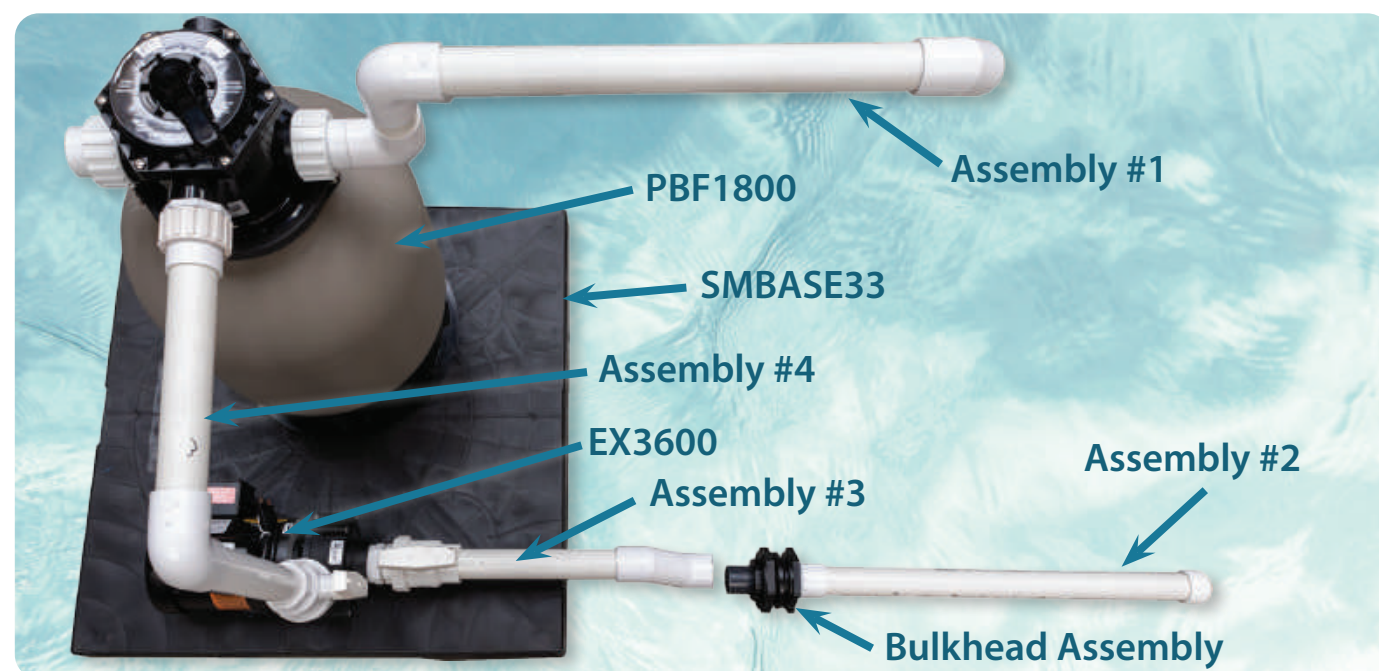
Inside of the tank, install assembly #2 into the bulkhead assembly. Adjust it so the holes are facing into the planned current or rotation of the water. **Do not point straight up or straight down.**



Place Equipment Pad near the tank. Remove pump from box and place it on the equipment pad. Install the reducing male adapter into the pump's inlet. Install the standard male adapter into the pump's outlet. **DO NOT OVERTIGHTEN!**



Place assembly #3 between the tank and pump inlet. Using PVC primer and glue, install assembly #3 to the bulkhead assembly on the tank and into the inlet on the pump.



Instructions

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Place the filter on the equipment pad. Line up assembly #4 from the pump's outlet to the pump port of the filter.

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Using PVC primer and glue, install assembly #4 to the outlet on the pump. Thread the union on assembly #4 to the fitting on the pump port of the filter. **DO NOT OVERTIGHTEN!**

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Connect assembly #1 to the return port on the filter. **DO NOT OVERTIGHTEN!**

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Slide the 45 degree elbow on the end of assembly #1. **DO NOT GLUE.** Orientate the elbow to promote the direction of current/rotation in the tank that is desired.

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For the RCS2BL system only, install the back flush blower and assembly according to the included instructions.

Finishing up

Your fish system should be complete. You can now fill the system with water. Once full, run the pump and test the system. If fish are going to be introduced right away, you will need to "seed" your filter with bacteria. Bacteria will occur naturally in three to four weeks but needs to be added if fish are added before then. Ideally a few fish (five to ten) would be added after one week, then left for two weeks before adding more fish. Also be sure to use dechlorinator if tanks are filled with city water!

Check out our full line of EasyPro brand Water Treatments!

