

BIO-FILTER ASSEMBLY AND OPERATION INSTRUCTIONS:

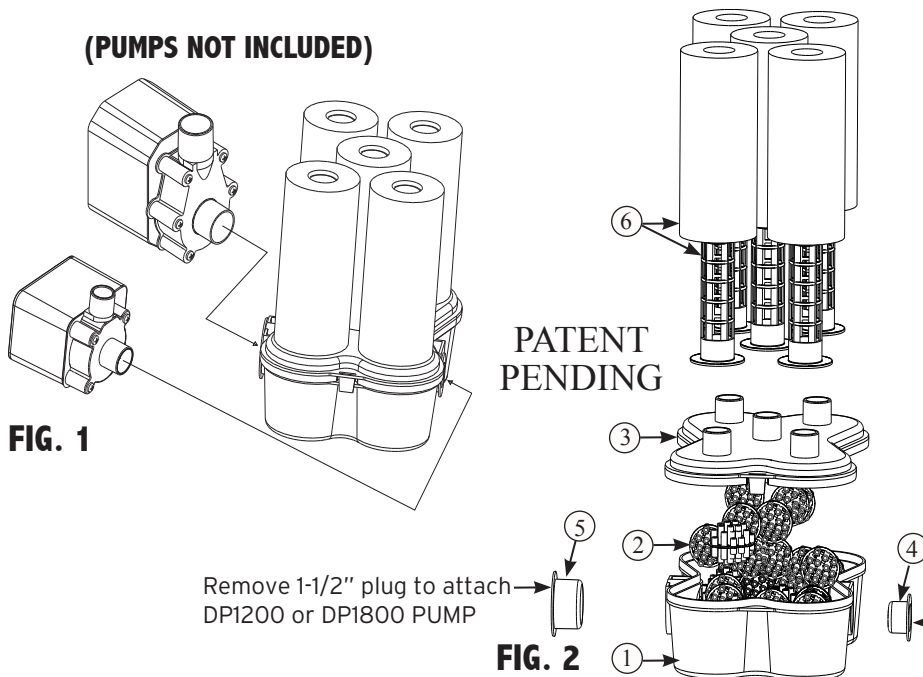
USE: This Beckett Bio-Filter is designed for use with the following submersible pond pumps; **FR250, FR400, FR600, FR800, DP800, DP1200,** and the **DP1800.** NOTE: The Beckett Bio-Filter is designed to operate completely submerged in the pond.

BIO-FILTER INFO: Bio-Filters provide mechanical and biological pond filtration for a cleaner and healthier pond environment. They efficiently process waste and clarify the pond water as well as reducing ammonia, nitrates and nitrites in the pond by promoting rapid growth of beneficial bacteria. Bio-filters provide more efficient filtration of the pond water as compared to just a mechanical type filter. Bio-filters provide a clean, healthy pond ecosystem that is ideal for ponds with fish.

This type of bio-filter attaches to the pond pump intake and offers the consumer these additional benefits over inline type bio-filter systems. A compact design that is completely submersible in the pond, greater filter surface area with easy to service filter material, superior ability to be camouflaged into the pond setting environment and does not offer the opportunity to leak water from the pond that inline types do because of hose connections and seals.

The BioFilter will automatically begin to work when installed in a pond with fish. Natural occurring bacteria (Nitrosomonas and Nitrobacter) will begin to collect and attach themselves to the bio-balls within the filter case. It takes time for the bacteria to colonize on the bio-balls and to reach maturity level. Care should be taken when cleaning the prefilters to assure the bio-balls are not cleansed or disturbed no more than possible because this could damage the natural occurring bacteria bio process.

ASSEMBLING / ATTACHING BIO-FILTER TO PUMP: IMPORTANT: First turn off the power to the pump. Your Bio-Filter should be assembled as shown below complete with Bio Balls inside. Start by Removing the proper Plug 1" or 1-1/2" from the Bio-Filter and be certain to leave the other plug in place, *store plug in with Bio Balls. The Bio-Filter simply presses up to the intake area on your pump volute. Rotate your pump or Bio-Filter to assure that the base of the pump and Bio-Filter are flat (parallel) to each as much as possible.



KEY	DESCRIPTION	PART #	QTY
1	BIO-FILTER ASSEMBLY	078-110155	1
2	BIO BALLS	078-110288	20
3	STRAINER ASSEMBLY	096-110009	5

Should you encounter any problems or need replacement parts, contact the Customer Service Representative/Parts Department at 1-866-466-4319 from 8 AM to 5 PM Mon. thru Fri. EST. Extended operating days and hours during peak season requirements.

PREFILTER CLEANING: When you see a reduced flow from your pump, it is time to clean the filters. Turn off the power to the pump - remove the filters - wash the filters in clean water and reinstall on Bio-Filter - turn the pump back on and check for proper operation. Having spare filters will make this task more convenient. **NOTE: If you allow your filters to become completely clogged with debris, your Bio-Filter will become buoyant and float to the surface; if you experience this you can add a flat rock on top of the filters to help keep it fully submerged but cleaning the filters before this happens is the best solution.**

ATTENTION CUSTOMER: STATEMENT OF LIMITED WARRANTY

Beckett warrants to the original purchaser only, the "BIO-FILTER" against defects in material and workmanship as follows:

- 1) Beckett warrants to the original purchaser, the "BIO-FILTER" against defects in material and workmanship for 2 years from the date of purchase. *There is no warranty on the replaceable intake filter as these are considered an expendable item.
- 2) Original Purchaser must retain proof of such purchase in the form of a store sales receipt and must produce such upon request by customer service representative at 1-866-466-4319. Do not return product to place of purchase; contact Beckett customer service at 1-866-466-4319 and a knowledgeable customer service representative will assist you in resolving the problem and arrange replacement of the defective parts as needed.
- 3) If the product is found to have been consumer damaged or abused, it is not covered by the limited warranty. If this is the case, you will be advised of the cost of replacement part(s), or the need to return damaged part(s) for warranty replacement.