TetraPond

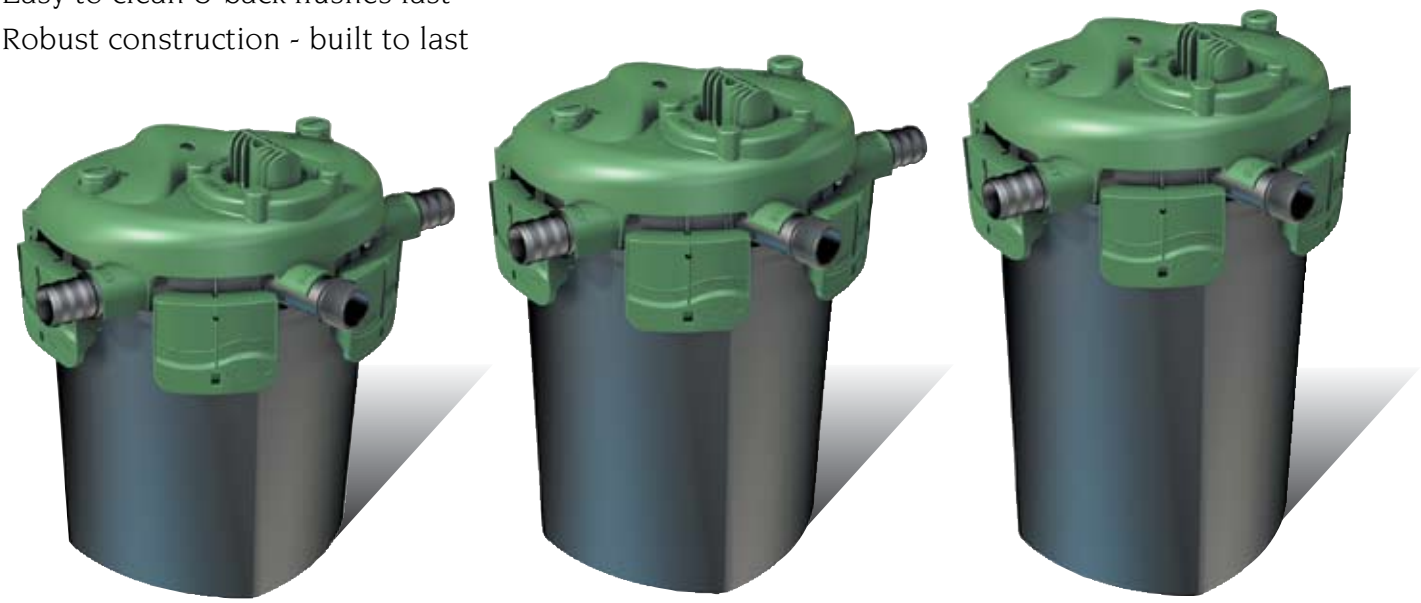
NEW!

Bio-Active Pressure Filters

The Easy Solution for Clear and Healthy Ponds

2 Year Limited Warranty

- Maintains clear and healthy water
- Provides mechanical & biological filtration
- Features unique open profile bio-activators for improved cleaning
- Easy to clean & back flushes fast
- Robust construction - built to last



Item	Model	For Ponds	Recommended Pump Size	Dia. & Ht.
Bio-Active Pressure Filter				
#26563	BP1500	up to 1500 gallons	2500 gph to 4500 gph	15.875 in. x 18.75 in.
#26564	BP2500	up to 2500 gallons		15.875 in. x 22 in.
#26565	BP4000	up to 4000 gallons		15.875 in. x 25 in.
Bio-Active Pressure Filter with UV Clarifier				
#26566	BP1500-UV w/ 9 watt UV	up to 1500 gallons	2500 gph to 4500 gph	15.875 in. x 18.75 in.
#26567	BP2500-UV w/ 18 watt UV	up to 2500 gallons		15.875 in. x 22 in.
#26568	BP4000-UV w/18 watt UV	up to 4000 gallons		15.875 in. x 25 in.

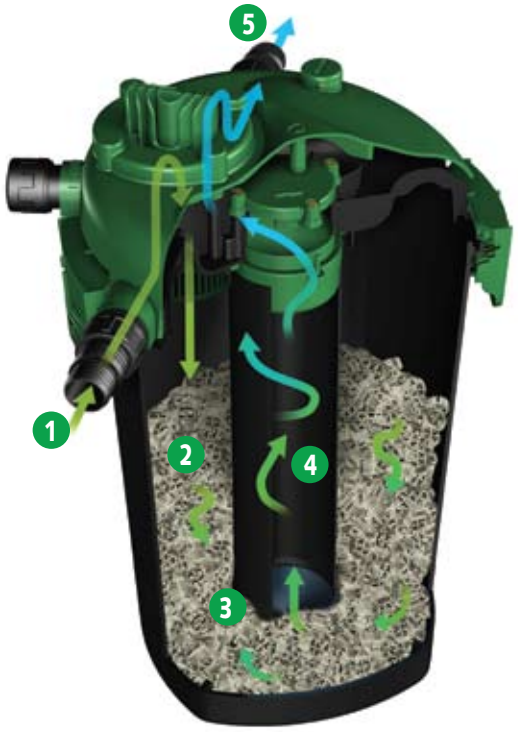
Conversion Kits, Bio-Media and Replacement Bulbs	
#26580	Bio-Activator media 2 liter bag
#26581	Conversion Kit for BP1500 / BP1500-UV
#26582	Conversion Kit for BP2500 / BP2500-UV
#26583	Conversion Kit for BP4000 / BP4000-UV
#16787	9 watt replacement bulb for BP1500-UV
#16792	18 watt replacement bulf for BP2500-UV & BP4000-UV

Recommended Tubing

For maximum flow use with 1 ½ in. ID tubing. Also fits with 1 ¼ in. ID tubing.

For best results use TetraPond kink-free tubing.

Pressure Filtration Process

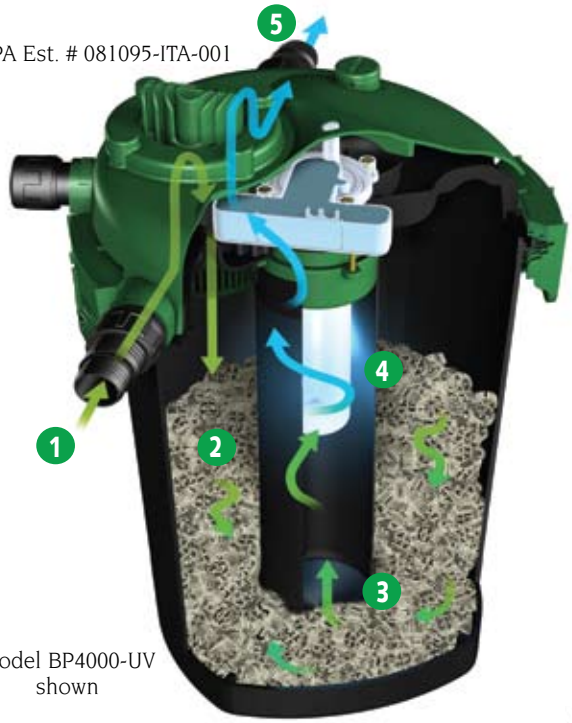


1. Water is pumped from the pond.
2. Water under pressure is forced into the bio-activators which trap dirt and debris.
3. Beneficial bacteria convert ammonia, which is harmful to fish, into nitrates, which are consumed by aquatic plants. This is known as the Nitrogen Cycle.
4. Filtered water is forced up the center tube.
5. Filtered water is returned to the pond.

Bio-Active Pressure Filtration Process with UV Clarifier

UV Clarifier Models remove heavy algae blooms usually within 1 to 2 weeks. Keeps water clear and green-free.

EPA Est. # 081095-ITA-001



Model BP4000-UV shown

1. Water is pumped from the pond.
2. Water is forced through bio-activators.
3. Filtered water flows up center tube.
4. Single-cell algae passes by ultra violet light which destroys single-cell algae's ability to reproduce.
5. Water is returned to the pond by waterfall or stream.

Dead algae cells clump and are removed by the filter.

9 ft. cord 120 VAC 60 Hz

Normal Operation

1. Position pump away from waterfall or stream.
2. Pump water from pond to pressure filter.
3. Pond water is mechanically and biologically filtered
4. Filtered water is forced under pressure to a waterfall or stream.

Recommended Pumps

Use a pump between 2500 and 4500 gallons per hour. *Note: 2500 gallons per hour minimum is required for effective back flushing.*

DO NOT exceed 4500 gallons per hour.

For clog-free set performance, use with TetraPond Debris-Handling Pumps (see Page 4).

Model	Best Used With
BP1500 BP1500-UV	DHP3600 pump
BP2500 BP2500-UV BP4000 BP4000-UV	DHP4200 pump

Tetra Pond™

Bio-Active Pressure Filters

Back Flush Operation

1. Water flow is reversed and forced down the center tube.
2. The water jets create a whirlpool effect in the bio-activator chamber.
3. Dirt and debris are loosened from the bio-activators.
4. Dirty water is discharged out the back flush port into the garden. (The discharged water is full of nutrients and can be used to nourish the garden plants.)

*A layer of bio-film containing beneficial bacteria will remain on the bio-activator media. No need to replace the bio-activators.

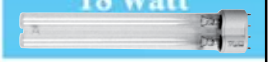
Back flushes quickly and easily!

Simply remove the back flush cap, turn the valve to "CLEAN" position and filter back flushes in less than 2 minutes.

The Tetra Bio-Active Advantage

The unique bio-media design used in Tetra's Bio-Active Pressure Filter has a distinct open profile with a high active surface area. This allows unrestricted water flow to all the surfaces for improved cleaning during the back flush cycle. The open profile is designed to allow the force from the water unrestricted access to the entire internal surface area, rather than just the unidirectional flow that is provided by more common tubular shapes.

Other media, such as closed bio-media (including foam), can clog up after extended periods of use, thereby reducing the active surface area within a bio-filter. Over time, old, dead bio-film can become virtually impossible to remove with normal backwash procedures and the bio-media may ultimately need to be replaced. In contrast, the Tetra Bio-Active Pressure Filter effectively exfoliates old and inactive bio-film from the inside of these bio-activators, leaving a young, thin and highly active bio-film layer for nitrification. **That's the Tetra Bio-Active advantage.**

Pond Size (up to)	Pressure Filter Models			UV Bulb (included)
		without UV	with UV	
1500 gallons		BP1500	BP1500-UV	9 watt 
2500 gallons		BP2500	BP2500-UV	18 watt 
4000 gallons		BP4000	BP4000-UV	18 watt