

# ADVANTAGE BEAD FILTER INSTRUCTIONS



## INSTRUCTIONS FOR BACKWASHING

- 1) Turn off pump.
- 2) Turn valve to "BACKWASH"
- 3) Turn on pump for 15 seconds.
- 4) Turn off pump.
- 5) Turn valve to "RINSE".
- 6) Open ball valve under blower and turn on blower. Once the beads are seen tumbling through the clear lid on top of the filter, let the Blower run for 30 to 60 seconds.
- 7) With blower still running, turn valve to "BACKWASH". Leave blower on until dirty water no longer appears in the sight glass.
- 8) Turn off Blower and close ball valve under blower.
- 9) Turn on pump.
- 10) Wait for the waste water in sight glass to become clear. (approximately 60 seconds)
- 11) Turn off pump.
- 12) Turn valve to "RINSE".
- 13) Turn pump on. Leave valve on "RINSE" briefly, until water in sight glass becomes clear again.
- 14) Turn off pump and turn valve back to "FILTER"
- 15) Turn on pump and you are done.



*(Multiport Head Valve)*

\*Once a month before backwashing filter, turn off pump and open ball valve on the bottom of the filter. Leave valve open until water runs clear (3-6 seconds). If connecting to a pipe, add a sight glass. Close valve and continue backwash as normal.  
(Caution: Leaving ball valve open too long will casue a loss of beads.)

## INSTRUCTIONS FOR BYPASSING FILTER WHEN MEDICATING POND.

Turn valve to "RECIRCULATE". This will bypass the filter media.

Note: The bacteria in your filter is aerobic which means it needs oxygen to keep living. You can keep the bacteria oxygenated during the medicating of your pond without allowing the medication to contact your bacteria by following this simple procedure:

- 1) Turn off pump.
- 2) Turn valve to "RINSE".
- 3) Turn on blower for 30 seconds.
- 4) Turn off blower.
- 5) Turn valve back to "RECIRCULATE".
- 6) Turn pump back on.

- This procedure should be performed once every four hours for as long as the beads are being bypassed.





## 10 SIMPLE STEPS TO EASY FILTER INSTALLATION.

- 1) Place filter body on a level hard surface. We recommend pouring a small cement pad.
- 2) Attach the valve head to the filter body. Hand tighten unions and add one box of beads to filter to make filter more stable during installation.
- 3) Adjust the position of the filter to create the easiest connection of the pipes to and from your pond.
- 4) Cement the one way valve in line between the pump and the filter if the filter is below water level or between the pump and the pond if the filter is above water level. (Note: make sure the arrow on the one way valve is aligned on the top and is pointing in the direction of the water flow.)
- 5) Connect the pipe coming from the pump to the filter at the opening on the valve head marked "TO PUMP".
- 6) Connect the pipe returning to your pond to the opening on the valve head marked "RETURN". If you have an ultraviolet light, it should be installed after the filter.
- 7) Connect a pipe from the opening on the valve head marked "TO WASTE" to a pipe leading to an appropriate area to dispose of your waste water. This can vary from your garden to a sewer line. Do not use any pipe less than 2" in diameter. This pipe, if more than 25 feet, should be a gradual slope down hill. Blower on filter will over heat if waste line goes up hill.
- 8) Pour the rest of the beads into the filter (make sure the upper lateral inside the filter is as close to center of filter opening as possible) and then screw the "top cap" onto the filter. Tighten the cap down with the enclosed plastic "top cap wrench".
- 9) Install the blower on the 2" ball/check valve extending up from the valve head. Secure by hand tightening union. Connect the electrical to the blower. We recommend that you have a competent electrician hard wire it to a GFCI switch.
- 10) Place control valve to the "FILTER" position and turn on your pump. When water begins to flow through filter, check for any leaks. If you have no leaks, congratulations, you did it.