

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. Do not over tighten unions.
- 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 pumps output port and the filter valve head. (NOTE: Make sure the arrow on the one way valve is aligned on the top and is pointing toward the filter.)
- 5) Connect the pipe coming from the pump (and check valve) 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 bead 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, lawn, a French drain, or to a sewer line.
- 8) Pour the rest of the beads into the filter, after which, reach inside and move the upper slotted pipe so it is about center to the opening, then screw the "top cap" onto the filter. Tighten the cap down slightly with the enclosed plastic "top cap wrench".
- 9) Install the blower on the 2 inch check valve extending up from the valve head. Secure by tightening union. Connect the electrical to the blower. We recommend that you have a competent electrician hard wire it to a GFCI switch. (*ground-fault circuit interrupter*)
- 10) Place the control valve to the "Filter" position and turn on your pump. When the water begins to flow through the filter, check for any leaks. If you have no leaks, CONGRATULATIONS, you did it!