

AquaBead Instructions

Congratulations

on your new AquaBead Filter



You have made a wise choice in choosing the AquaBead filter. Your filter was carefully thought out and designed to give you many years of faithful, worry free service. Some of the care and planning of your filter is self evident in even the small things, such as the Lifetime Warranty on the tank itself. The tanks are made of the ultimate filter vessel material, fiberglass. This is a higher quality tank than the typical plastic tank used on many filters.

Your clear spring check valve for the AquaBead bead Agitator is designed so in time (normally many, many years) when the check valve goes out you can simply unscrew the union and replace just the valve seat itself in just a few minutes.

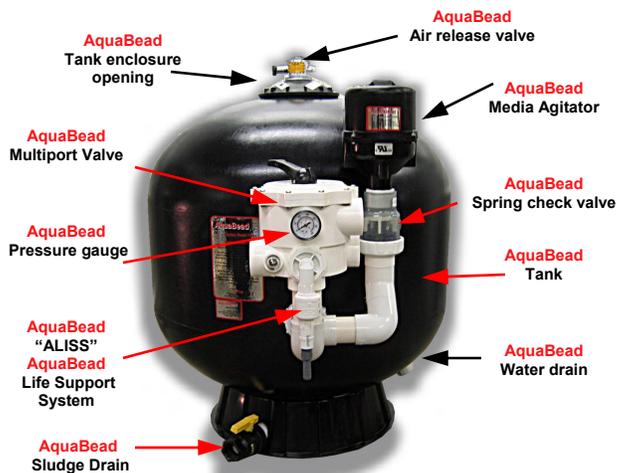
Your Multiport valve was carefully chosen to be the least restrictive backwash valve on the market to give maximum flows for the least energy dollars. The internals were carefully designed with maximum flows in mind to give further energy savings, by allowing you to use the most energy efficient pumps on the market.

The AquaBead Life Support System allows you to hook up a koi pond air pump to the supplied fitting on the front of the multiport valve and supply life giving oxygen to the filter bacteria during times of medical bypass or pump failure.

The AquaBead Bead Agitator is a high quality air blower that injects huge amounts of air into the vessel prior to backwash, this breaks up the bead pack which allows for a very thorough backwash.

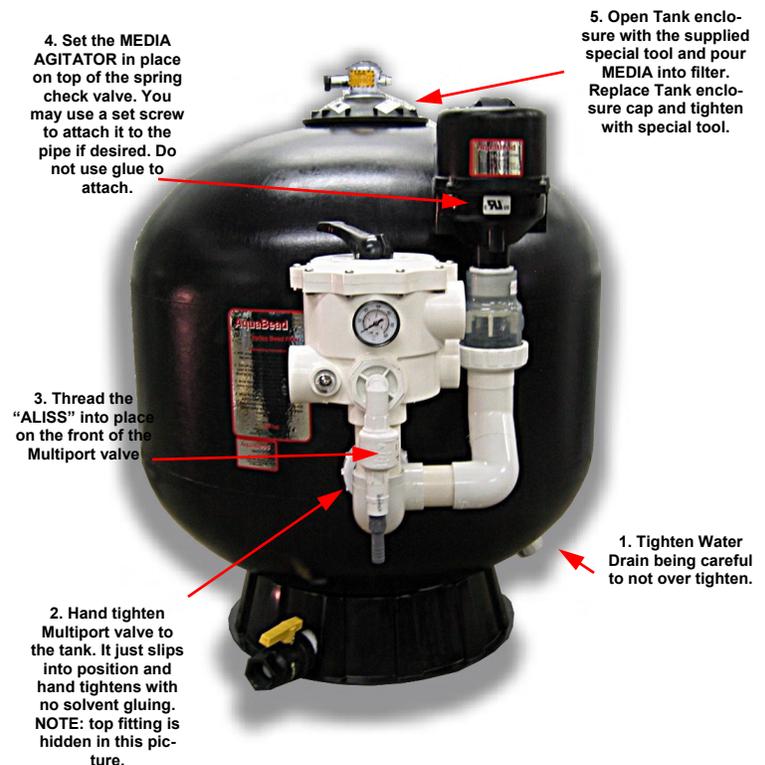
Rest assured that quality was the main consideration when your AquaBead filter was designed and assembled.

Getting to know your AquaBead filter



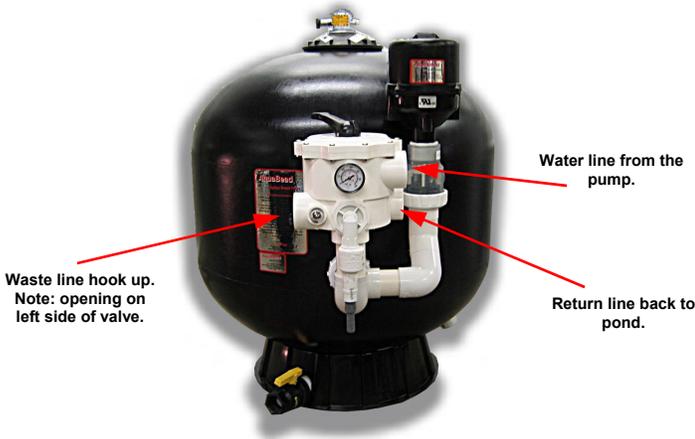
Taking a few minutes to get to know the different components of your AquaBead will assure that you are using it to its maximum potential.

Assembly of your AquaBead



If you have any questions on your filter feel free to give us a call and we'll be glad to help.

AquaBead Plumbing hook up assembly



Make plumbing hook ups as shown in the picture. Use 2" unions on the open ports of the Multiport valve to secure plumbing to valve.

AquaBead Life Support System



Your AquaBead filter addresses the age old problem of "how do I keep my beneficial bacteria from dying when I have to do a medical bypass or I experience pump failure?"

Easy and simple. Just run a line from your koi pond air pump and attach it to the barbed fitting on the front of the multiport valve. Set the Multiport valve to the "RINSE" setting prior to turning on the air pump. Turn on the air pump and the oxygen supplied by the air pump will keep the bacteria happy and safe for several days if necessary. Remember, never run the water pump at the same time that you are running your air pump. It will cause damage to the air pump.

Winterizing the AquaBead

1. Turn pump off and drain water from pump basket and volute.
2. Open water drain on filter. No media will come out, only water.
3. Loosen the Multiport valve from the housing and back the valve away from the tank to release any water in the valve.
4. Now just wait for Spring.

Back washing the AquaBead filter



1. Open the Sludge Drain Valve first with the pump *still running* and the filter in the "FILTER" mode. Run until water is clear, usually just a few seconds. Close sludge drain valve.
2. Turn off water pump. Move Multiport valve to "RINSE". Turn on AquaBead Bead Agitator. Run for about 1-2 minutes. Turn off Agitator. Turn water pump on until water exits from the waste line and then stop pump.
3. Move Multiport valve to "BACKWASH" position, start water pump and run until water is clear in sight glass. Usually 1-3 minutes. Stop pump.
4. Move Multiport valve to the "RINSE" position, restart pump and run until water is clear in sight glass. Stop water pump.
5. Move Multiport valve to the "FILTER" position and restart the water pump. You're done, it's that simple.

Your AquaBead filter was designed to get rid of the solids when backwashed thus providing you with a more efficient filter and fewer backwashings being needed.

**IF YOU HAVE QUESTIONS
ABOUT YOUR FILTER
SYSTEM AND NEED HELP,
PLEASE CONTACT YOUR**

**DEALER OR
GC TEK AT
405-258-5551
FAX 866-728-0678
INFO@GCTEK.COM**

**THANK YOU FOR CHOOSING
AQUABEAD**

— GARY CRYER

