

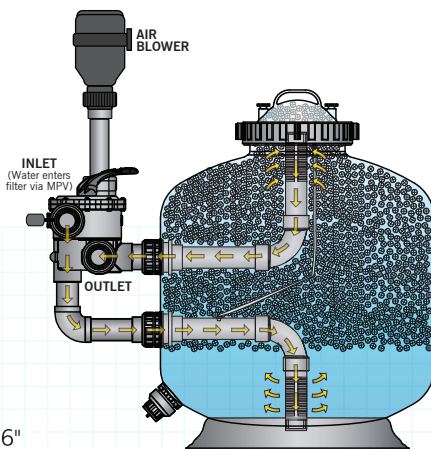


**BLOWER**  
Included

# K1 MicroBead

## NEW range of pressurised filter systems

- Uses **K1Micro** filter media for **dramatically improved** biological filtration compared to using beads
- **Superior** mechanical filtration
- **Multi-port valve** and **blower** included with all models
- Blower used during cleaning cycle
- **Large 10"** clear viewing dome on top of the filter
- **Improved flow** through **K1Micro** filter media
- **4 sizes of filter systems** available, 20", 24", 30" and 36"



	K1MICROBEAD20	K1MICROBEAD24	K1MICROBEAD30	K1MICROBEAD36
Diameter	20"	24"	30"	36"
Volume of K1 Micro media	50 Litres	100 Litres	150 Litres	250 Litres
Multi-port valve size	1½"	2"	2"	2"
Air blower size	200W	200W	300W	300W
Maximum pond size	4,000 UK Gallons	8,000 UK Gallons	12,000 UK Gallons	20,000 UK Gallons
	18,000 Litres	36,000 Litres	54,500 Litres	91,000 Litres
	4,800 US Gallons	9,600 US Gallons	14,500 US Gallons	24,000 US Gallons

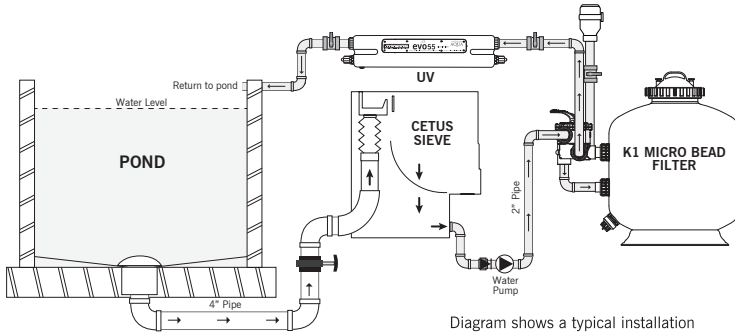
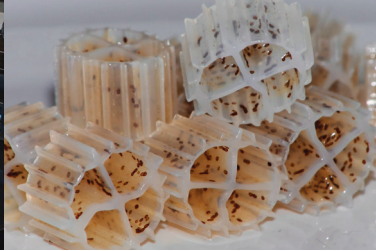


Diagram shows a typical installation

## How the K1 Micro Bead filter works

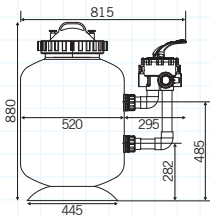
Water is pumped into the filter from the pond through the multi-port valve where the internal pipework directs the water to the bottom of the unit.

As the water flows upwards inside the K1 Micro Bead, dirt, debris and waste are trapped within the mass of K1 Micro filter media. The vast **protected surface area** provided by K1 Micro also provides a home for the beneficial bacteria, along with filter feeders such as **Vorticella** and **Rotifers** delivering **mechanical** and **biological** filtration.

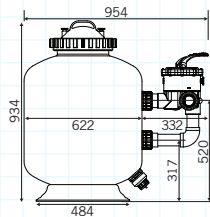
The filtered water flows back into the pipework at the top of the unit, through the multi-port valve and back down the return line into the pond.

The K1 Micro Bead filter is **incredibly easy to clean**, by simply moving the handle on the multi-port valve into the corresponding positions to perform a backwash and a rinse of the **K1 Micro** media.

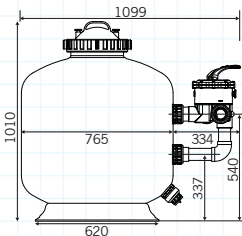
**K1MicroBead20 Dimensions (mm)**



**K1MicroBead24 Dimensions (mm)**



**K1MicroBead30 Dimensions (mm)**



**K1MicroBead36 Dimensions (mm)**

