



Polypropylene Sediment Cartridges

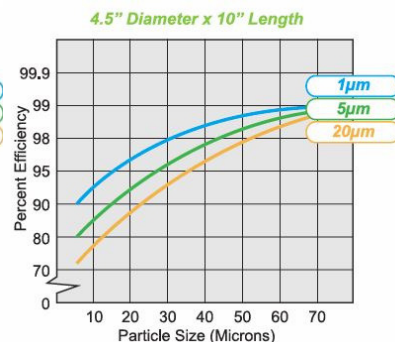
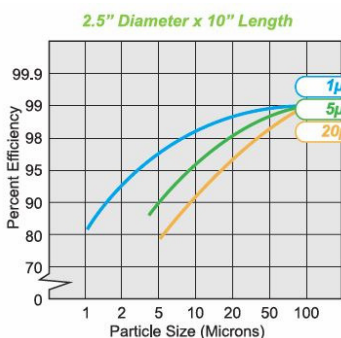
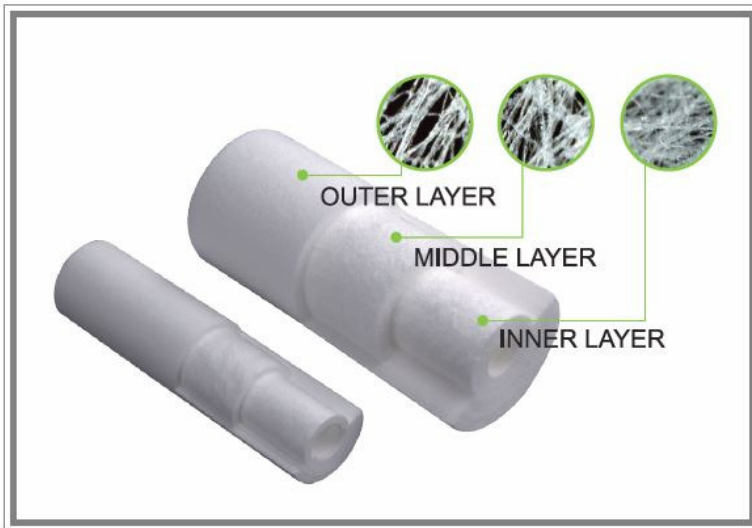
Sediment filters are used as a primary filter to help to remove dirt, rust and sediment deposits, from water to help prevent or slow down the blockage of the secondary carbon filter.

Sediment filters range from less than 1 micron to about 70 microns but the most typically used are 5, 10, 20, 25, 30, 50. They would typically be used in a sequence with the biggest "pore" size or micron size being the first one the water goes through and the smallest the last.

AWC recommends sediment filter made from Polypropylene which is resistant to the growth of bacteria. They typically come in four sizes which are 9", 10" and 20" tall and 2.5" and 4.5" radius. They are typically referred to as either Slim Line or Big Blue.

Features & Benefits

- Three-layers structure cartridge, high contaminant holding capacity, long filter service life.
- 100%PP for compatibility with a wide range of process fluids.
- Micro-Denier melt-blown fiber, high removal ratings.
- Formed by thermal bond without use of any binders and adhesives
- Certificated by NSF42 and FDA CFR Title 21.



Model No.	FPP-LL-WX-ZZZ
Micron Rating	1,3,5,10,25,50,75,100 Micron
Material of Construction	100% melt-blown micron-denier PP fibre
Length	9", 10", 20", 30", 40" (251mm, 254mm, 508mm, 762mm, 1016mm)
Inner Diameter	28mm
Outer Diameter	2.5", 4.5" (63mm, 110mm)



Aragon Filter Cartridge

Made in Europe

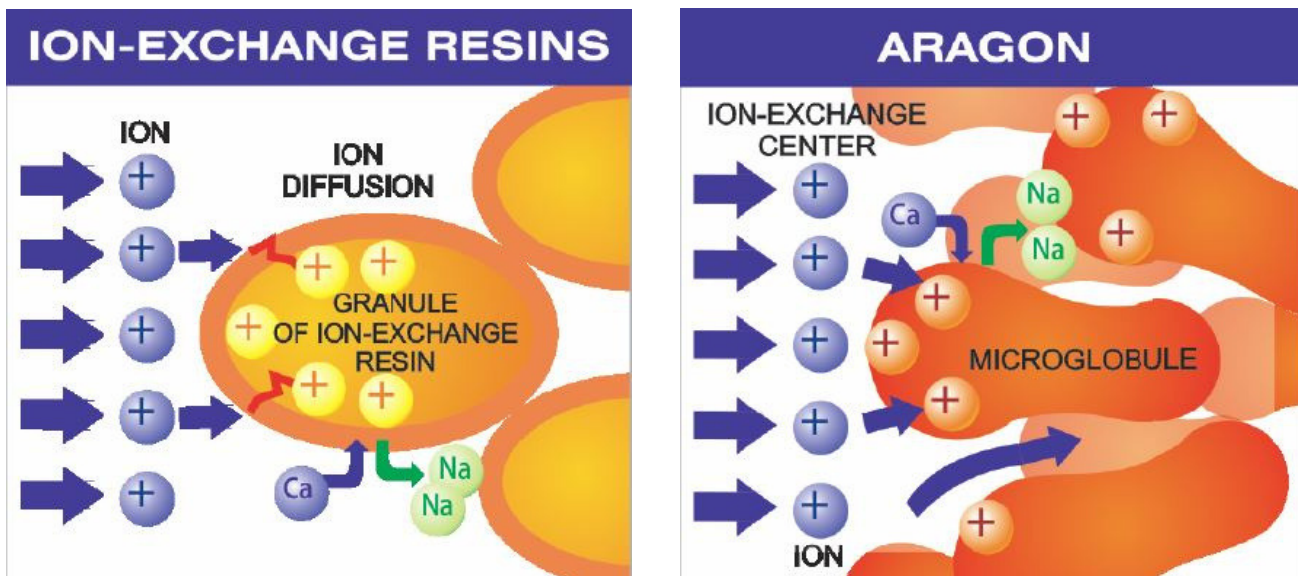
This world leading cartridge is based on the innovative, patented Aragon Media. It has been extensively tested by Certified Laboratories in Europe, to effectively remove chemicals, pesticides, bacteria and heavy metals as well as sediment down to >2 microns.

This high quality extruded carbon block cartridge is equally effective at purifying both **hot** and **cold** water.

Manufacture

Developed in Eastern Europe, these new SGS-polymers (space globular structure) material for water purification combines 3 methods of filtration: mechanical, sorption and ion-exchange, making this filter the best to date at removing the widest range of chemicals & heavy metals

Long polymer chains are formed in the production process, providing a porous yet mechanically strong structure. These polymer chains are coated and enable a highly effective ion exchange process.



This method of SGS-polymer filtration is up to 20 times more effective than common methods of ion-exchange.

The Aragon filter is especially effective when using tank or bore water to protect the user from organisms such as Protozoa, Giardia & Chryptosporidium. Like wise, the Aragon compound filters water high in heavy metals often found in bore water and some tank water.

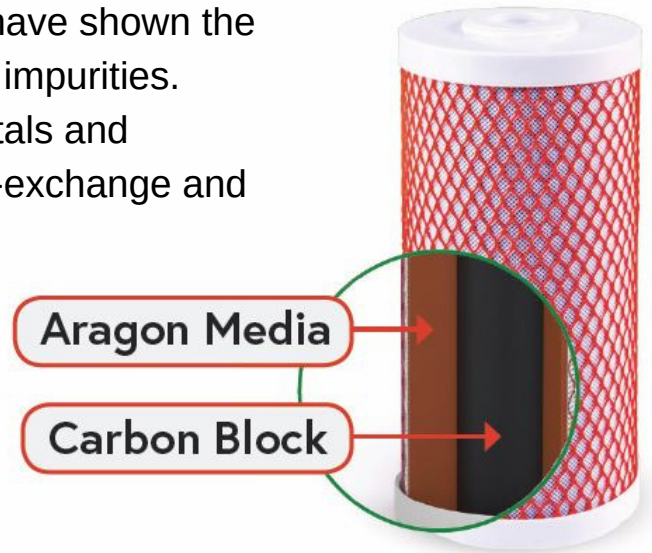
Filtration Process

Mechanical impurities are filtered out through the surface layers with extremely high accuracy. SGS-polymers have shown the best results in the complex removal of harmful impurities.

Elements and compounds including heavy metals and radioactive materials are removed through ion-exchange and sorption mechanisms.

The Aragon solid block material is a bacteriostatic polymer made from additives of silver and granules of ion-exchange resins.

Hardness salts, dissolved and colloidal iron, heavy metals and their compounds are removed through the resin and polymer ion-exchange properties. The Aragon filters capacity also provides removal of active chlorine, chlorine containing compounds and organic compounds.



Specifications

Max Flow Rate:

10" Big Blue..... 25 litres p/m

20" Big Blue..... 50 litres p/m

Water Temperature..... +4°C to +75°C

Filter Life:

10" Big Blue..... 30,000 litres

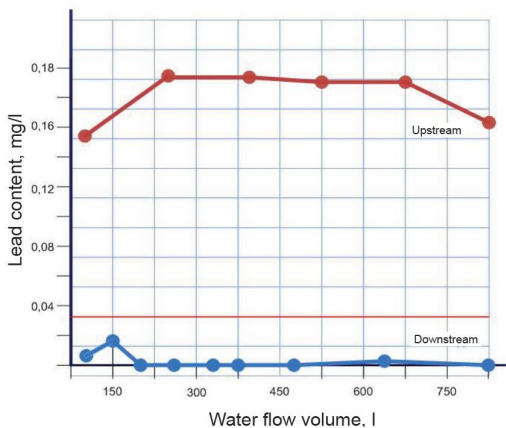
20" Big Blue..... 60,000 litres

Filtration Efficiency

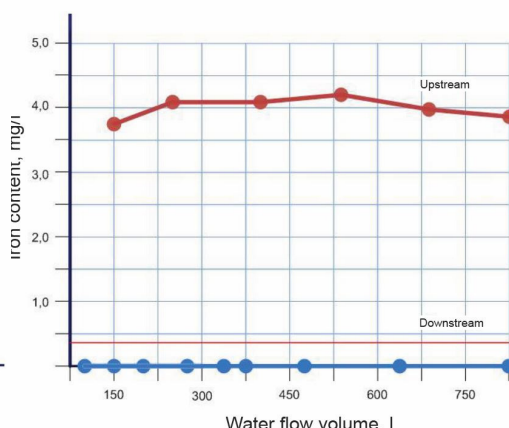
Particles >2 microns.....	100%
Lead, zinc, cadmium, cesium.....	95%
Chlorine.....	100%
Chloramines.....	>90% +
Pesticides.....	92%
Iron.....	90%
Aluminium.....	97%
Turbidity.....	99%
Oil Products.....	90%

Heavy Metal Removal

Example: Lead Removal Efficiency

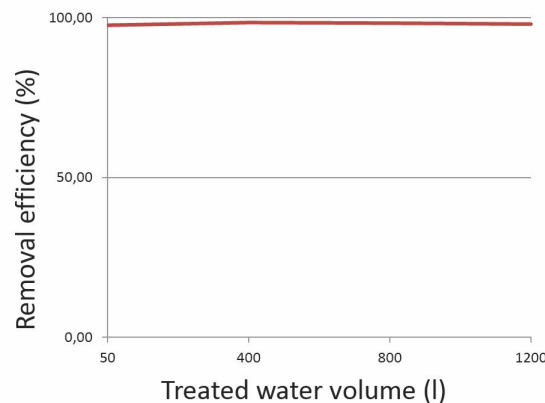


Example: Iron Removal Efficiency



Pesticides Removal

Simazin Removal Efficiency





Alkahydrate Filter Cartridge

Alkalisating & Mineralising Water Filter

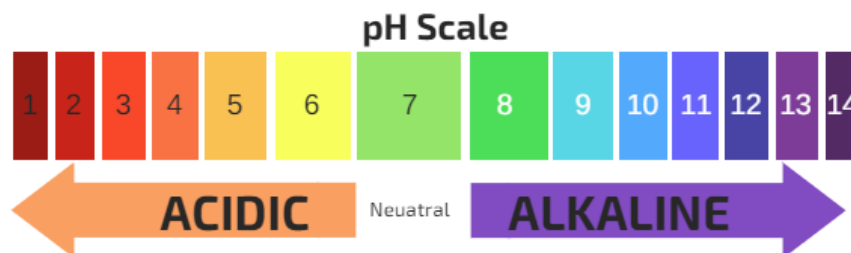


A healthy addition to your Water filter

The Aussie Water Coolers ALKAHYDRATE filter will provide you with enhanced water that is energised & mineralised. It raises the pH levels as well as producing antioxidant & oxygenating qualities. The filter also emits far-infrared rays which result in shorter cluster chains in the water molecules-increasing the bio-available response & oxygen absorption in the body.

Benefits of Drinking Alkalisated Water

- **Promotes better hydration:** Alkaline water has smaller molecular content making it easier for the body to absorb. The body can be hydrated more effectively by drinking alkaline water instead of everyday tap water.
- **Alkaline Water is an antioxidant:** Antioxidants help protect our bodies from free radicals that can cause various health problems. by drinking alkaline water you can help protect your body from diseases that can cause serious health issues.
- **Effectively balances the pH levels of the body:** Alkaline water helps by neutralizing the acid levels in the body. Although it works best as a preventive measure, those who already have an illness or disease can still drink alkaline water to speed up or at the very least assist the recovery process
- **Detox the Body:** A primary benefit of drinking alkaline water is its ability to wash away toxins that cause disease and illness. Drinking plenty of water is vital to good health
- **Boost the immune system:** Keeping our bodies in a more alkaline state will boost the immune system. This is a natural effect of neutralizing the free radicals and helping to cleanse the body of toxins.
- **Lose Weight:** Due to today's poor diets that consist of a lot of junk food, our bodies create more fat cells to neutralise the acid. This inevitably results in unwanted weight gain. Alkalisated water neutralises the acids in the body removing the need for our bodies to create the extra fat cells. Alkalisated water helps in weight loss because fat storage is reduced



Raise pH

The filter uses a series of different medias to effectively raise the pH level of your drinking water. Drinking alkaline water helps our body dissolve acid wastes - therefore making it easier for the body to dispose of them naturally. Since the accumulation of acid wastes is aging, the reduction of acid wastes is anti-aging!









Alkahydrate Filter Cartridge

Alkalising & Mineralising Water Filter

Add Ionic Organic Natural Materials

Introducing natural minerals such as Calcium, Magnesium, Potassium and more. These ionic minerals are absorbed by the body to improve strength and function of body processes.

					
ORP Ceramic Ball	Mineralising Stones	Tourmaline Ceramic Balls	Alkaline Ceramic Balls	Far Infrared Ceramic Balls	Granular Magnesium
Increase pH Anti-bacterium Increase Minerals	Increase pH Increase Minerals	Increase pH Anti-bacterium	Increase pH Anti-bacterium Increase Minerals	Reduce cluster molecule size	Increase pH Increase Magnesium

Lowers ORP

Far-infrared rays emitted by the filter media result in structurally smaller clusters of water molecules, making it easier for your body to absorb meaning you can stay better hydrated. The AlkaHydrate filter significantly increases the negative ORP (Oxygen Reduction Potential) enabling it to decrease the oxidation of substances or cells thus serving as a potent anti-oxidant.

What is ORP?

ORP – Oxidation Reduction Potential - is the ability of water or any other media to oxidise (or more importantly – decrease the oxidation) of another substance or body. For example - air, with a positive ORP will oxidise metal thus causing corrosion or rust. Essentially, any substance that oxidises, disintegrates. Water with a negative ORP has the ability to decrease oxidation hence prolonging the life of a substance or in this case our physiology.

“Just about every condition I can think of, from arthritis to diabetes, to cancer - is associated with acidity.”

-Dr Robert Atkins

Reverse Osmosis System with Alkaline filter



Twin Under Sink with Alkaline filter attached as a third filter

Portable bench top Reverse Osmosis with Alkaline filter

