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Water Treatment Products

# AQUARIUM CHLORINE REMOVAL WATER FILTER

## The need for a Aquarium Chlorine Filter

Many tropical fish owners know all too well that domestic tap water contains lots of chemicals that can be potentially lethal to tropical fish. However, many aquariums are stocked with fish such as Platys, Guppies, Swordtails and Plecs, all of which are typically quite forgiving when it comes to water quality.

Despite these types of fish having a high tolerance to many water contaminants it is still necessary, during water changes, to add chemicals to remove or neutralise chlorine. However, some fish-keepers express concern that these 'chemical treatments' may have some affect on their fish, and of course, it is possible to over-treat water. The best solution to this problem therefore is to install a chlorine water filter.



## The Aquarium Chlorine Water Filter



The aquarium chlorine filter, is made from the same high quality materials as our drinking water systems. It can be mounted on the wall or under a sink, and connects to your mains copper pipework via a simple saddle valve (supplied with optional fitting kit - see below), meaning no plumbing is required. As well as removing 95% of chlorine this filter significantly reduces the levels of sediment, heavy metals and dissolved organic matter. See cross section and table opposite for details of performance.

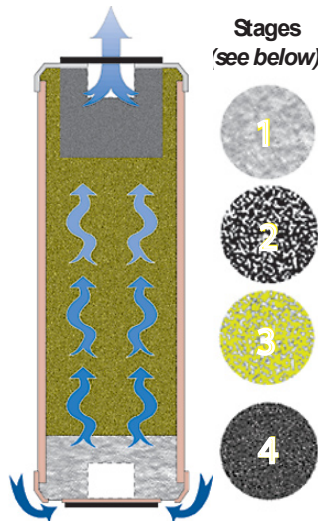
### TECHNICAL SPECIFICATIONS

Max Pressure:	95 psi (6.5 bar)
Max temp:	60°C
Height (with bracket):	Approx. 330 mm
Width:	Approx. 160 mm
Connector Size:	1/4" microbore tubing

Optional fitting kit = (£15) contains:

- 1 x saddle valve
- 10 meters of tubing
- 1 x shut off valve

## Performance



Stages  
(see below)

Far Left: Picture of filter (without optional fitting kit)

Left: Cross section of cartridge showing stages of filtration

Below: Performance table

TYPICAL PERFORMANCE	
POLLUTANT	%
<b>SYNTHETIC MEMBRANE</b>	
Suspended Solids, Rust, Dirt etc...	up to 98%
<b>CARBON &amp; BLOCK CARBON</b>	
Chlorine	99%
Dissolved organic matter e.g. Pesticides, Herbicides, Oil residues, THM, TME, PCB	85 - 95%
<b>ION EXCHANGE</b>	
Lead, Iron	95%
Aluminium, Copper, Cadmium	90%

### Stage One SYNTHETIC MEMBRANE

Spun polypropylene filters remove suspended solids such as dirt and rust

### Stage Two CARBON

Carbon of high quality with special silver impregnation dramatically reduces chlorine and dissolved organic pollutants such as agro-chemicals, solvents, THM's, TCE's, PCB's etc.

### Stage Three ION EXCHANGE

Ion exchange system specific to heavy metals dramatically reduces lead, aluminium, copper, mercury, cadmium, iron etc.

### Stage Four BLOCK CARBON

Block carbon ultra efficient stage further reduces chlorine, dissolved organic matter and particulates, finally polishing the water.

The filter is for removing contaminants from domestic mains water to the specifications above for tank filling only. This filter is not intended for circulating water already in the tank.