



DE-TOX

DE-IONISER

IN-LINE TAP WATER DE-TOXIFIER

Thank you for purchasing your E.A. water de-toxifier. We are sure you will be delighted with its performance.

FUNCTION

Evolution Aqua in-line de-ionisers purify tap water using a de-mineralising process called de-ionisation. Each filter contains special colour change mixed bed resin that removes harmful anions and cations from tap water. They remove 99.99% of all chemicals, minerals and metals from tap water, purifying it to zero parts per million. Purified water is produced instantly with no waste water and is safe to use immediately once your desired temperature is achieved. Ideal for new tank set-up giving a "pure-base" for you to recreate the ideal environment for your hobby fish. Also ideal for partial water changes as pure water dilutes remaining contaminants more effectively than tap water. These filters remove calcium which means that heaters, hoods and light fittings do not become coated with hard water deposit.

INSTALLATION

The filter can be used horizontally or vertically. For best results, use vertically and feed water in via the upper most connection point. This compacts the media and avoids any chance of channelling or tracking of the water flow. Both ends can be used as either inlet or outlet points. Please observe the maximum flow rate recommended (1 gallon per minute) and drain after use before storage. A lower flow rate will give better results and prolong the life of the product.

CONNECTION

Attach to your hose pipe using the supplied connectors. Remineralisation of the water is required after using a de-ionising filter. The mineralisation needed to go into the water depends upon the type of fish you keep.

STORAGE

Ensure the filter is kept in a cool, dark place and that the filter is fully drained. Should the filter be used as part of a permanent top up system, keep the unit out of direct sunlight or high temperatures to achieve maximum filter life. The filter must not be used in freezing conditions as this can cause irreparable damage and invalidate your warranty.

DISPOSAL

Our filters are 100% recyclable, please dispose of as a plastic item.



WATER HARDNESS	12" - for zero TDS (will treat)	30" - for zero TDS (will treat)
50 mg/l	1250 Litres / 275 U.K. Gallons 325 U.S. Gallons	3125 Litres / 687.4 U.K. Gallons 812.5 U.S. Gallons
100 mg/l	625 Litres / 137.5 U.K. Gallons 162.5 U.S. Gallons	1560 Litres / 343.15 U.K. Gallons 405.6 U.S. Gallons
200mg/l	312 Litres / 68.63 U.K. Gallons 81.12 U.S. Gallons	781 Litres / 171.8 U.K. Gallons 203.06 U.S. Gallons
300 mg/l	207 Litres / 45.54 U.K. Gallons 53.82 U.S. Gallons	518 Litres / 113.94 U.K. Gallons 134.68 U.S. Gallons
400 mg/l	155 Litres / 34.1 U.K. Gallons 40.30 U.S. Gallons	387 Litres / 85.13 U.K. Gallons 100.62 U.S. Gallons
500 mg/l	125 Litres / 27.5 U.K. Gallons 32.5 U.S. Gallons	312 Litres / 68.63 U.K. Gallons 81.12 U.S. Gallons

TDS = total dissolved solids

mg/l = milligrams per litre (calcium carbonate) also known as parts per million (table given for guidance purposes only)

As the filter is used the colour will gradually change from blue to brown. When the filter is entirely brown the filter life is exhausted.

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We can supply, if needed, mounting brackets which won't crack or damage the product.



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Developed & Manufactured in the UK by **ionic** SYSTEMS