

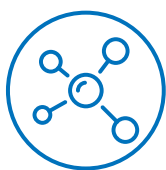


SMIX
Range Vessels
Ion Exchange Media Vessel



Waterco is thrilled to unveil our latest breakthrough in water treatment technology – the Ion Exchange Media Vessel!

Designed to redefine the way we purify and enhance water quality, this state-of-the-art vessel provides unparalleled efficiency, versatility, and sustainability for a wide range of applications where Ion Exchange (IX) media or greater bed expansion is required.



Advanced Ion Exchange Technology:

Our media vessel employs cutting-edge ion exchange processes to efficiently remove contaminants, minerals, and impurities from water sources. Say goodbye to hard water, heavy metals, and unwanted ions, and welcome a new era of pristine water quality.



Customizable Media Options:

Tailor your water treatment process to meet specific needs with our versatile range of ion exchange media options. Whether you're targeting calcium, magnesium, iron, or other unwanted ions, our vessel's adaptable design ensures effective and precise purification. Media regeneration ring, sight glass, access ports etc are all customisable.



Optimized Flow Dynamics:

Engineered for maximum flow efficiency, our media vessel boasts a unique design that minimizes pressure drop and optimizes water distribution. Enjoy consistent, high-performance water treatment without compromising on throughput.



Eco-Friendly Design:

At the heart of our technology is a commitment to sustainability. The Ion Exchange Media Vessel significantly reduces waste by extending media lifespan and minimizing backwash frequency. Join us in making a positive impact on the environment.



Easy Installation and Maintenance:

Our user-friendly design simplifies installation and routine maintenance. Spend less time on technicalities and more time reaping the benefits of superior water quality.



Versatile Applications:

From commercial water softening to industrial process water treatment, the Ion Exchange Media Vessel excels across a spectrum of applications. Experience reliable, high-quality water purification wherever you need it.





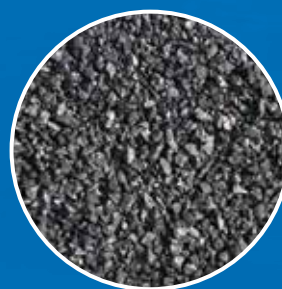
Why Choose Our Ion Exchange Media Vessel:

Unmatched Expertise: Backed by over 40 years of research and development, our team of water treatment experts has crafted a vessel that combines innovation with practicality.

Proven Performance: Rigorously tested and validated, our media vessel consistently delivers exceptional results, meeting and exceeding industry standards such as AS1210 (BSEN13121).

Customer-Centric Approach: We prioritize your unique requirements. Our customizable solutions ensure that your water treatment needs are met with precision.

Future-Ready: Embrace the future of water treatment with confidence. Our Ion Exchange Media Vessel is designed to adapt and scale as your needs evolve.

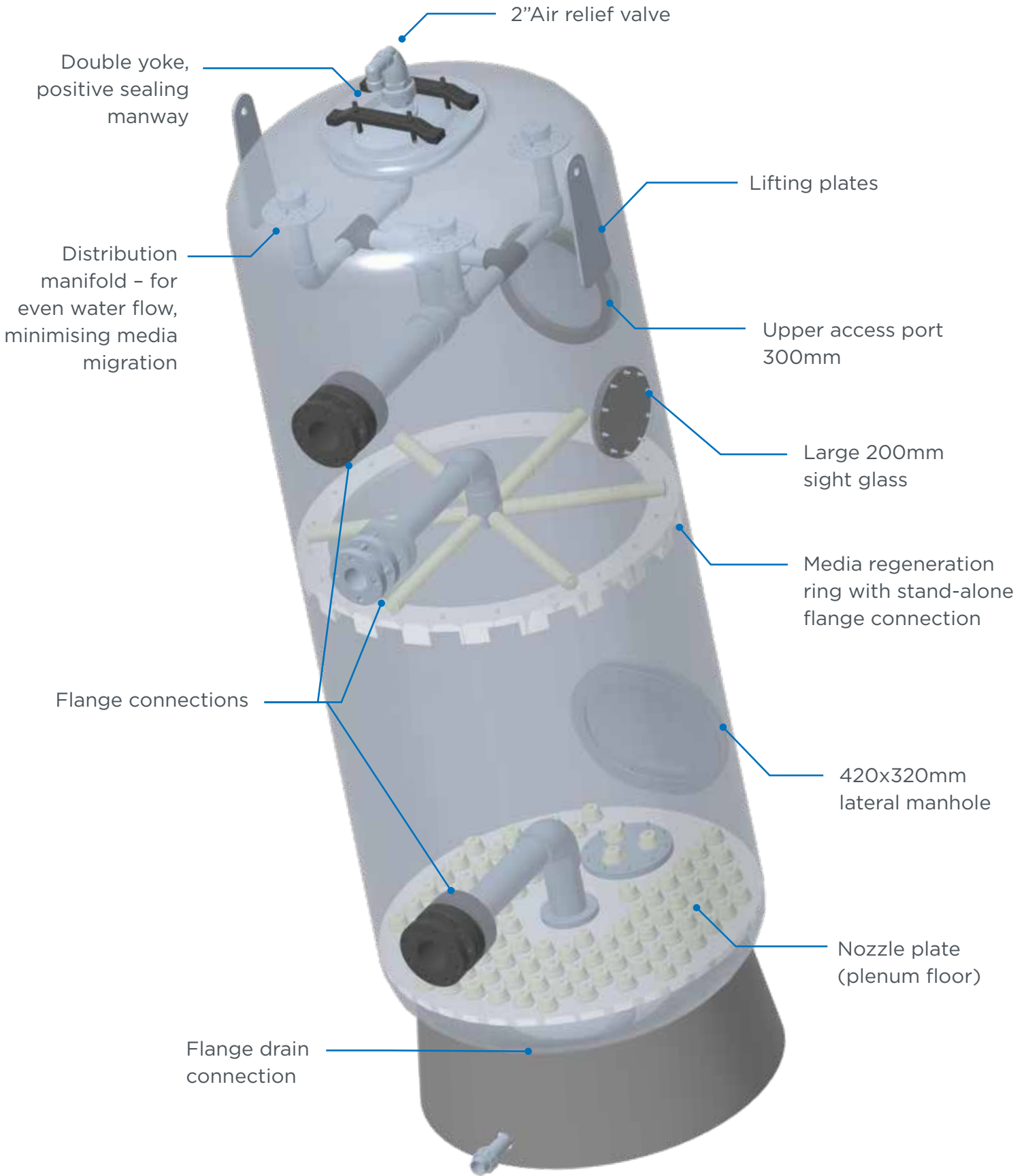


GAC



Ion Exchange Media

Key Features



Technical Specifications

Specification	Dimensions
Overall dimension (mm)	L1300 X W1400 X H3800
Shipping dimension (mm)	L3900 X W1500 X H1400
Weights	4 bar = 750kg 4 bar BSEN13121 = 1320kg, 6 bar = 930kg 6 bar BSEN13121 = 1650kg
Max Working pressure (kPa)	4 bar = 400kPa, 6 bar = 600kPa
Inlet port	4"ANSI (3"ANSI regen inlet)
Outlet port	4"ANSI
Underdrain / Collector	Nozzle plate (0.25mm slots)
Distance from Nozzle Plate to Regen Distributor	1515mm
Distance from Regen Distributor to Top Funnel	1200mm
Top Manhole	410 x 305mm Oval
Drain	40mm

SMIX 1200

Optional:

media regeneration ring with stand-alone flange connection	-
Sight glass	200mm round

Upgrade your water treatment process to a new era of excellence.

Join us in revolutionizing the way we purify, soften, and enhance water quality. Contact us today to learn more about our groundbreaking Ion Exchange Media Vessel and embark on a journey towards cleaner, healthier water.



WATERCO

water, the liquid of life

Waterco pioneers reliable solutions for healthy, safe water environments, which are used in residential, commercial and industrial applications in over 40 countries.

Established in 1981, it has since become a global brand recognised for designing and manufacturing filtration and sanitisation innovations for the swimming pool, spa, aquaculture, and water purification sectors.



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