FRP vessel

Filter, softener and ion exchange vessels in glass-fibre reinforced plastic.



Overview

FRP vessels are the pressure shells for sand filters, activated carbon filters, softeners and ion exchange units. Each one is a filament-wound shell with a polyethylene liner, so it is light, rust-free and low-maintenance, and it works with most multiport valves.

Key features

- Rust-free and light, with a smooth liner for clean media
- Top-opening for easy media loading
- Works with multiport valves and standard distributors
- Sizes from small domestic units to large industrial vessels
- Low maintenance compared with painted steel

Typical applications

- Sand and carbon filters
- Water softeners
- DM and mixed bed units
- Iron removal filters

Typical specifications

Diameter range	About 8 in to 63 in (200 mm to 1600 mm)
Working pressure	Up to 150 psi (10 bar)
Temperature	Up to about 50 °C
Shell	Glass-fibre wound over polyethylene liner
Top opening	2.5 in or 4 in, depending on size
Use	Sand, carbon, softener, DM and mixed bed

Values are typical, for reference. The final specification is confirmed in our quotation, against your flow, pressure and water analysis.

NEPAL ION EXCHANGE

Request a quote

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nepalionexchange.com.np/products/frp-vessel.html