Iron Removal Filter

An automatic filter that takes iron and manganese out of borewell water, so it stops leaving yellow stains and a metallic taste. Treats up to 450 litres an hour with up to 10 ppm of iron; bigger sizes are made to order.

Capacity	Removes	Iron in raw water
450 LPH	**Iron and manganese**	**Up to 10 ppm**



Highlights

- Brings iron from as high as 10 ppm down below the 1 ppm drinking-water limit in IS 10500.
- Air oxidises the iron, and a sand bed with a catalytic MnO2 layer traps it.
- Backwashes itself with water and air, so the bed stays clean without daily work.

Used in

- Homes and bungalows on borewells
- Housing societies
- Factories and process water
- Pharma and chemical units
- Before an RO plant
- Municipal supply schemes

Specifications

Capacity	**450 LPH**
Removes	**Iron and manganese**
Iron in raw water	**Up to 10 ppm**
Operation	**Automatic backwash**
Technology	**Air oxidation, sand bed with MnO2 layer**
Vessel material	**Stainless steel (FRP on request)**
Regeneration	**Backwash with water and air**
Installation and commissioning	**Available on request**

Figures are typical. Every plant is sized to your water and confirmed with the quote.

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