500 LPH RO Water Treatment Plant (FRP)

A 500 litre-per-hour reverse osmosis plant with FRP pre-treatment vessels. It suits factories, hospitals, schools, hotels and housing societies that need drinking-quality water from a borewell or municipal supply.

Capacity	Purification	Vessel material
500 LPH	**Reverse osmosis**	**FRP**



Highlights

- Treats 500 litres an hour, which is about 4,000 litres in an 8-hour shift.
- The sand and carbon vessels are FRP, so they do not rust in constant contact with water.
- RO membranes remove most of the dissolved salts in raw water, typically more than 97%.

Used in

- Packaged drinking water units
- Hospitals and clinics
- Schools and colleges
- Hotels and restaurants
- Offices and housing societies
- Small food and beverage units

Specifications

Capacity	**500 LPH**	Purification	**Reverse osmosis**
Vessel material	**FRP**	Membranes	**2 × 4040**
Water recovery	**60–70%, depending on feed water**	Feed water TDS	**Up to 2,000 ppm (designed to your water report)**
Power supply	**Single phase, 230 V, 50 Hz**	High-pressure pump	**About 1.5 kW**
Operation	**Automatic**	Warranty	**1 year**
Installation and commissioning	**Available on request**	Certification	**ISO 9001:2015 (company)**

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

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