G1 Aqua
R-Tech Systems & Services

2026 edition

Commercial RO plants

Plants from 500 to 3,000 litres an hour, in FRP or stainless steel.



Stainless Steel RO Plant (2000 LPH)



500 LPH RO Water Treatment Plant (FRP)



2000 LPH RO Water Plant (FRP)



Commercial RO Plant (3000 LPH, FRP)

Made in Lucknow since 2004
ISO 9001:2015

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g1aqua.com

Commercial RO plants

Plants from 500 to 3,000 litres an hour, in FRP or stainless steel.



Stainless Steel RO Plant (2000 LPH)

A 2,000 litre-per-hour reverse osmosis plant with a stainless steel frame, vessels and pipework. Made for food, dairy and pharma units, and anywhere the plant has to stay clean and free of rust.

- Makes 2,000 litres an hour, about 16,000 litres in an 8-hour shift.
- Frame, filter vessels and pipework are SS 304, so the plant can be washed down and does not rust.

Capacity	**2,000 LPH**	Material	**SS 304**
Operation	**Automatic**	Purification	**Reverse osmosis**
Pre-treatment	**Sand filter, carbon filter, anti-scalant, 5-micron cartridge**	Membranes	**4040 or 8040, sized to your water**

Photos and details
Scan with your phone camera



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.

- 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.

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)**

Photos and details
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2000 LPH RO Water Plant (FRP)

A 2,000 litre-per-hour RO plant with FRP filter vessels and a panel of gauges and meters, so you can see at a glance that it is running right. Sized for factories, hospitals, colleges and large housing societies.

- Makes 2,000 litres an hour, about 16,000 litres in an 8-hour shift.
- Flow meters, pressure gauges and a TDS meter on the panel show output, pressure and water quality while it runs.

Capacity	**2,000 LPH**	Vessel material	**FRP**
Water recovery	**65–70%**	Purification	**Reverse osmosis**
Pre-treatment	**Sand filter, carbon filter, anti-scalant, 5-micron cartridge**	Membranes	**4040 or 8040, sized to your water**

Photos and details
Scan with your phone camera



Commercial RO Plant (3000 LPH, FRP)

A 3,000 litre-per-hour RO plant with FRP vessels, for places that serve drinking water to hundreds of people a day: hotels, hospitals, malls, schools and apartment blocks.

- Makes 3,000 litres an hour, about 24,000 litres in an 8-hour shift.
- FRP vessels and a simple control panel keep running costs and upkeep low.

Capacity	**3,000 LPH**	Vessel material	**FRP**
Water recovery	**60–65%**	Purification	**Reverse osmosis**
Pre-treatment	**Sand filter, carbon filter, anti-scalant, 5-micron cartridge**	Membranes	**4040 or 8040, sized to your water**

Photos and details
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Tell us about your water

Send your water source and how much you need a day. We will suggest the right plant and send a quote.

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