



COMMERCIAL RO SYSTEMS

BLUENEST DrRO50

50 LPH RO PLANT

RO PLANT

- High Purity Output
- Low Maintenance
- Energy Efficient
- Compact Design
- ISO 9001:2015 Certified

S Technical Specifications

Capacity	50 LPH
Recovery Rate	65-75%
Raw Water TDS (Max)	2000 ppm
Product Water TDS	< 50 ppm
Rejection Rate	> 97%
Operating Pressure	8-12 bar
Pre-filter Micron	5 micron sediment + activated carbon
Membrane Type	Filmtec
No. of Membranes	4

Frame Material	SS202
Power Supply	230V
Power Consumption	100 Watts (approx)
Dimensions (L×W×H)	730 × 250 × 460 mm
Weight	18.9 kg (approx)
Inlet Connection	1/2 inch BSP
Outlet Connection	3/8 Tube
Pre-treatment	Micron Filter + Carbon filter + Antiscalant Ball
Warranty	1 year on plant, 6 months on membranes

F Key Features

- RO plant is a medium-capacity water purification system designed to filter 50 liters of water every hour, yielding around 400 to 500 liters daily for commercial and heavy-demand residential use.
- High-rejection membranes (>97%)
- Fully automatic operation with PLC / microprocessor control
- Multi-stage pre-treatment: sand filter + carbon filter + antiscalant dosing
- Programmable auto-flush system (prevents membrane scaling)
- Digital TDS display with high-TDS alarm and auto-shutdown
- SS304 frame construction available
- ISO 9001:2015 certified factory in Salem, Tamil Nadu

A Applications

- Hospitals, clinics and healthcare facilities
- Pharmaceutical manufacturing plants
- Food and beverage processing units
- Textile and dyeing industries
- Schools, colleges and educational institutions
- Hotels, resorts and restaurants
- Industrial process water — boilers, cooling towers
- Municipal drinking water supply
- Residential apartments and housing colonies
- IT parks and corporate campuses

WHY BLUENEST?

500+

INSTALLATIONS

15+

YEARS EXPERIENCE

6

STATES COVERED

20+

ENGINEERS

ISO

9001:2015

Get Pricing, Customisation & AMC Support

Our engineers are ready to design the right system for your requirement

SALES

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HEADQUARTERS

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