BLUENEST

Pure Water. Pure Trust. — South India’s Trusted RO Manufacturer

✓ ISO 9001:2015 CERTIFIED

Product Specification Sheet • November 2026



COMMERCIAL RO SYSTEMS

BLUENEST DrRO50

50 LPH RO PLANT

RO PLANT

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

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

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 controlMulti-stage pre-treatment: sand filter + carbon filter + antiscalant dosingProgrammable auto-flush system (prevents membrane scaling)Digital TDS display with high-TDS alarm and auto-shutdownSS304 frame construction availableISO 9001:2015 certified factory in Salem, Tamil Nadu

Applications

- Hospitals, clinics and healthcare facilitiesPharmaceutical manufacturing plantsFood and beverage processing unitsTextile and dyeing industriesSchools, colleges and educational institutionsHotels, resorts and restaurantsIndustrial process water — boilers, cooling towersMunicipal drinking water supplyResidential apartments and housing coloniesIT parks and corporate campuses

WHY BLUENEST?

500+	15+	6	20+	ISO
INSTALLATIONS	YEARS EXPERIENCE	STATES COVERED	ENGINEERS	9001:2015

Get Pricing, Customisation & AMC Support

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

SALES	SUPPORT	EMAIL	WEBSITE
7530099882	**7530099881**	**sales@bluenest.in**	**www.bluenest.in**

HEADQUARTERS

BLUENEST

BLUENEST PROJECTS PRIVATE LIMITED,

579-A, Eswaran Layout, Tatabad, Coimbatore

641012, TN

CONTACT

Sales: 7530099882

Support: 7530099881

Email: sales@bluenest.in

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