



STP PLANT SOLUTIONS

Sewage Treatment • Water Reuse • Wastewater Management

MBBR • SBR • MBR • PACKAGED STP

DESIGN • MANUFACTURING • INSTALLATION • AMC

V AQUA WATER TREATMENT COMPANY

STP plant manufacturer & supplier for India

V AQUA Water Treatment Company provides sewage treatment plant solutions for residential, commercial, institutional and hospitality projects. Our project approach combines flow assessment, process selection, equipment integration, installation and service support.

WHAT IS AN STP PLANT?

An STP (Sewage Treatment Plant) treats domestic wastewater generated from toilets, bathrooms, kitchens, laundries and similar sources. Depending on the selected process and applicable requirements, treated water may be reused for non-potable applications such as flushing, gardening, landscaping and cleaning.



STP PLANT • ENGINEERING & INSTALLATION

STP PLANT MANUFACTURER

Design, fabrication and project-specific configuration for selected capacities and site conditions.

STP PLANT SUPPLIER

Equipment and packaged systems for small, medium and large sewage treatment projects.

STP PLANT INSTALLATION

Site installation, piping coordination, testing, commissioning and handover support.

STP AMC & SERVICE

Routine maintenance, troubleshooting, spares and technical service options.

WHY PROJECT-SPECIFIC DESIGN MATTERS

Capacity: average and peak sewage flow • **Process:** MBBR, SBR, MBR, FAB/SAFF or other suitable configuration • **Footprint:** available area and tank arrangement • **Reuse:** flushing, gardening, landscaping or other approved applications • **Operation:** automation, operator skill, energy and maintenance requirements.

MBBR, SBR, MBR & packaged STP options

Different sites require different treatment approaches. The process train can be configured around sewage characteristics, daily flow, peak loading, available space, treated-water objectives and operating preferences.



MBBR STP

Moving Bed Biofilm Reactor

Compact attached-growth biological treatment using carrier media; commonly considered for residential and commercial sewage treatment.



SBR STP

Sequencing Batch Reactor

Batch-cycle treatment that combines biological treatment and settling stages in controlled operating cycles.



MBR STP

Membrane Bioreactor

Biological treatment integrated with membrane separation for compact footprints and higher-quality treated water.



PACKAGED STP

Factory-Built Modular System

Pre-engineered modular configuration for projects seeking compact deployment and reduced site fabrication.



FAB / SAFF STP

Attached-Growth Systems

Media-based biological processes that can be selected for compact domestic sewage treatment applications.



ASP STP

Activated Sludge Process

Established suspended-growth biological treatment for suitable conventional sewage treatment applications.

HOW TO SELECT THE RIGHT STP TECHNOLOGY

- **Flow & loading:** size the system around average flow, peak flow and sewage characteristics.
- **Space:** compare tank footprint, equipment arrangement and access for operation and maintenance.
- **Energy & operation:** consider aeration demand, automation level, operator requirements and sludge handling.
- **Reuse target:** define the intended non-potable reuse and polishing/disinfection requirements.

STP plant capacity, price & project budgeting

KLD means kilolitres per day. STP projects are commonly specified by daily treatment capacity. Actual **STP plant price in India** varies with technology, materials, automation, civil works, installation scope and treated-water requirements.

2–5 KLD	Villas • small sites	Compact / packaged
10 KLD	Small apartments • hotels	Packaged STP
20–25 KLD	Societies • institutions	MBBR / SBR
50 KLD	Large societies • hospitals	MBBR / SBR / MBR
100 KLD	Townships • hotels • campuses	MBBR / SBR / MBR

WHAT DETERMINES THE FINAL STP COST?

Capacity & peak flow

Daily flow, peak loading and equalization requirements.

Technology

MBBR, SBR, MBR, FAB/SAFF, ASP or a hybrid configuration.

Material & equipment

Tank construction, blowers, pumps, controls, membranes and accessories.

Automation & controls

Manual, semi-automatic or automatic operation and instrumentation.

Civil & piping scope

Foundation, inlet/outlet piping, electrical work and site modifications.

Treated-water target

Polishing, filtration, disinfection and reuse requirements.

Pricing note: There is no single universal STP plant price. A project-specific quotation should be prepared after reviewing capacity, site conditions, treatment technology, equipment specification, installation scope and reuse requirements.

Residential, Residential, Commercial & Institutional STP solution

From a domestic sewage treatment plant for a small property to larger systems for housing societies, hotels, hospitals and campuses, the configuration should match actual wastewater generation, site conditions and reuse objectives.

Sewage Treatment Plant Manufacturer & Supplier in India

A Sewage Treatment Plant (STP) is a wastewater treatment system designed to treat sewage generated from residential and commercial activities. The treatment process reduces organic matter, suspended solids, pollutants, and other contaminants before the treated water is discharged or reused for suitable applications.

As an experienced STP Plant Manufacturer and Supplier in India, we offer complete solutions from plant design and equipment manufacturing to installation, commissioning, testing, operation support, and maintenance.

Our sewage treatment systems can be engineered according to the required treatment quality and applicable regulatory requirements.

SEWAGE TREATMENT FOR RESIDENTIAL, COMMERCIAL & INSTITUTIONAL PROJECTS

Applications include apartments, housing societies, hotels, hospitals, offices, schools, campuses, villas and townships.

APARTMENTS & HOUSING SOCIETIES

Residential STP plants for domestic sewage treatment, treated-water reuse and space-conscious installations.

HOSPITALS & INSTITUTIONS

Customized wastewater treatment configurations for hospitals, schools, colleges and institutional campuses.

VILLAS & RESIDENTIAL PROJECTS

Compact packaged sewage treatment systems for selected low-capacity requirements.

HOTELS & RESORTS

Systems for guest rooms, kitchens, laundries and variable occupancy with suitable polishing and disinfection.

COMMERCIAL BUILDINGS

STP solutions for offices, malls, IT parks and mixed-use buildings.

TOWNSHIPS & LARGE CAMPUSES

Higher-capacity STP systems with customized process, pumping, automation and reuse arrangements.

KEY BENEFITS OF A WELL-DESIGNED STP

- Better control of sewage discharge and reuse opportunities.
- Potential reduction in freshwater demand for suitable non-potable reuse.
- Compact equipment options and organized plant-room layouts.
- Automation can improve operating consistency and maintenance planning.



STP plant manufacturer & service coverage

V AQUA supports STP design, supply, installation and after-sales requirements across Delhi NCR and selected project locations across India. Logistics, installation and AMC scope are finalized according to project requirements.

DELHI NCR

Delhi • Noida • Greater Noida • Ghaziabad • Gurugram / Gurgaon • Faridabad • Manesar • Sonipat

PAN-INDIA LOCATIONS

Mumbai • Pune • Bengaluru • Chennai • Hyderabad • Ahmedabad • Surat • Jaipur • Lucknow • Chandigarh • Jodhpur • Indore • Kolkata and other project locations.

STP DESIGN

Flow calculations, process selection, layout and equipment planning.

STP MANUFACTURING

Fabricated or packaged systems configured to approved specifications.

INSTALLATION & COMMISSIONING

Site installation, testing, commissioning and handover support.

AMC & AFTER-SALES

Routine maintenance, troubleshooting, spares and technical service options.

POPULAR STP SEARCH TERMS & PROJECT REQUIREMENTS

- STP plant manufacturer in India
- Sewage treatment plant manufacturer
- STP plant supplier
- Sewage treatment plant supplier
- STP plant price
- STP plant cost
- Sewage treatment plant cost
- MBBR STP
- SBR STP
- MBR STP
- Packaged STP
- Residential STP
- Commercial STP
- STP plant for apartments
- Hotel STP plant
- Hospital STP plant
- Wastewater treatment plant
- STP plant manufacturer in Delhi / Noida



GET YOUR STP PROJECT QUOTATION

DESIGN IT RIGHT.

Share your STP capacity (KLD), project type, location, available space and treated-water reuse requirement. A project-specific review helps define a suitable process, equipment scope and technical-commercial proposal.



CALL / WHATSAPP

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WEBSITE

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FOR A QUICK QUOTATION, SHARE:

• Required capacity (KLD) • Project location • Number of users / rooms / flats • Available plant area • Preferred reuse application • Civil / electrical scope if known

VIEW STP PLANT PRODUCTS
CLICK HERE

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