

Water & Waste Solutions



FabX

High Efficiency & Compact
Domestic Waste Water Treatment

Fluidised Aerobic Bio-Reactor (FAB), the space and power saving technology is a better alternative to conventional wastewater treatment plants that are large-sized, power intensive and require a lot of monitoring.

FAB offers an effective option to the conventional systems made unviable due to scarcity of open space, geographical network of piping, high power and land cost.

Salient Features

- Skid mounted : Quick & Easy installation
- Odourless operations, with a self-regulating system
- Pre-engineered : Low Cost & Fast Delivery
- Achieve < 5 BOD ppm without using UF membranes
- Achieve < 5 TSS ppm without PAC + PE dosing
- Compact plants with high loading rates
- Reduced power & chemical consumption
- Reduced Electro mechanical components
- Non-clogging design, better oxygen transfer efficiency
- Attached growth process, low sludge production, no sludge recycling or monitoring of M.L.S.S.
- Easy Transportation

Standard Capacities (in KLD)

- 50 , 75, & 100 KLD (modular for other capacities)

Outlet Guarantees

Parameter	FABX
BOD	< 5ppm
COD	< 30 ppm
TSS	< 10 ppm
O & G	< 5 ppm

Output Usage

Treated sewage can be used for

- Gardening, Car Washing
- Toilet flushing
- Cooling towers etc.

Market Segments

- Commercial complexes
- Hotels
- Hospitals
- Industry
- Institutes
- IT parks
- SEZ
- Residential colonies

Options Available

- Capacity -15 m3/day and above
- Prefabricated units
- Civil units
- Fully automated units
- Recycling for gardening, flushing, car wash and cooling towers
- Sludge handling - filter press, centrifuge, sludge drying bed and sludge holding tank



Sustainable Solutions in
Energy & Environment

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Thermax Business Portfolio

- Heating
- Cooling
- Power Generation
- Air Pollution Control
- Chemicals
- Water and Waste Water Solutions
- Solar
- Specialised Services

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