

Water & Waste Solutions



BioFilter

Environment Friendly
Low Flow Packaged STP

Salient features of BioFilter

- Skid mounted sewage treatment plant with recycling options
- Combines attached growth and suspended growth processes
- No external aeration device
- Suitable for basement installations - fits in height of 3.8 mts
- Minimum civil work
- Minimal sludge removal frequency - once in 30 days
- Suitable for different recycling options

Standard Capacities

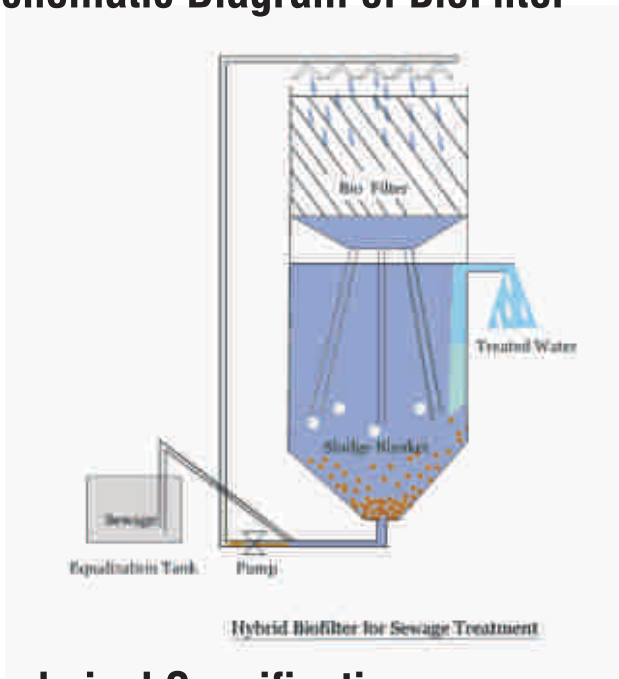
10, 20, 30 & 50 M³ /day

Market Sectors



- Housing
- Industries
- Shopping Malls
- Hospitality
- IT parks
- Educational Institutes

Schematic Diagram of BioFilter



Technical Specifications

| Data | Units | Raw Sewage | Treated Water quality | Treated Water quality after UF (Optional) |
|-------|---------------------|------------|-----------------------|---|
| Flow | m ³ /day | 10 - 50 | 10 - 50 | 10 - 50 |
| pH | - | 7 - 8 | 7 - 8 | 7 - 8 |
| BOD | mg/l | 300/ 500 | < 20 | < 5 |
| COD | mg/l | 600/ 1000 | < 100 | < 30 |
| O & G | mg/l | 50 | < 10 | < Nil |
| TSS | mg/l | 300/ 400 | < 30 | < N.D. |



THERMAX

Sustainable Solutions in
Energy & Environment

Water & Waste Solutions

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