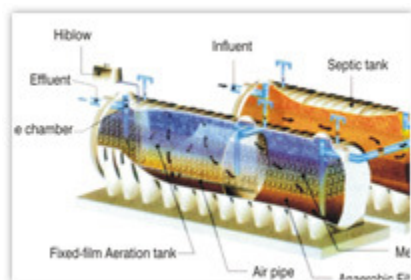


## Package Sewage Treatment Plant – Package STP

There are areas within the cities, towns and villages that are impossible to cover under centralized wastewater treatment system, to offer perfect solution for the same, Shubham steps in this field. Shubham **package sewage treatment plant** type wastewater treatment system is compact, effective and economical for wastewater treatment in decentralized manner. PWTS-AM series is ideal for individual bungalows, low rise apartments, restaurants, offices, small factories, etc. NBF series is ideal for malls, hospitals, office building, institutions, townships/colonies, high rise buildings etc.

### Operation Principle



1. Solid Separation Zone of **package sewage treatment plant**: This is the primary treatment process that separates solid and scum from wastewater.
2. Aeration Zone of **package sewage treatment plant**: Clear water flows into this stage. Oxygen supplied by air blowers is required for the digestion of bacteria culture thriving in and around the plastic media inside the aeration zone, thus reducing the amount of contaminants while generating more contacts with the bacteria culture on the surface area of media. The quality of water becomes better.
3. Sedimentation Zone of **package sewage treatment plant**: The next step of treatment involves the sedimentation where organic wastes are settled in the sedimentation zone. The settled waste in the bottom of the tank can then be pumped back to the solid separation as a return sludge to ensure that quality of effluent passes the required standard. Chlorine is sometimes introduced before discharging the effluent into public mains.

### **Advantages of Package Sewage Treatment Plant**

1. 100% Eco friendly
2. Rust Proof
3. Leak Proof
4. Durable Light Weight
5. Easy to Install
6. Massive reduction of BOD

Shubham Inc