

OSMONICS CORPORATION

Channel Partner

Of

ION EXCHANGE (INDIA) LTD



About Us

We take this opportunity to introduce ourselves M/s. OSMONICS CORPORATION as Authorized dealer of M/s. ION EXCHANGE (INDIA) LTD. in Mumbai, Thane, Pune, Raigad, Tarapur & surrounding areas. We are also the authorized ION EXCHANGE CUSTOMER CARE CENTRE. Water scarcity has forced us to look for alternative sources like Bore wells / Tankers and even Sea Water.

Our Vision

We aim to become the most preferred partner of quality conscious organizations in implementing water treatment solutions of any kind in the world.

Our Mission

Our Principals, M/s. ION EXCHANGE (I) LTD. has developed Packaged Sewage Recycling Systems for Residential / Industrial Canteens / Hotels etc. These systems are compact in design and cost effective in operations, thus saving space & power and above precious water. Treated water can be recycled for flushing, gardening and other Non- human applications. We are committed to ushering a era of water abundance by deploying state of the art solutions at affordable cost.

Values

Integrity: We are honest with other and ourselves. We meet the highest professional standards in all our business dealing. We do what we say.

Responsibility: We accept responsibility towards our stakeholders, customers, partners and the environment, holding ourselves accountable for our work and our actions.

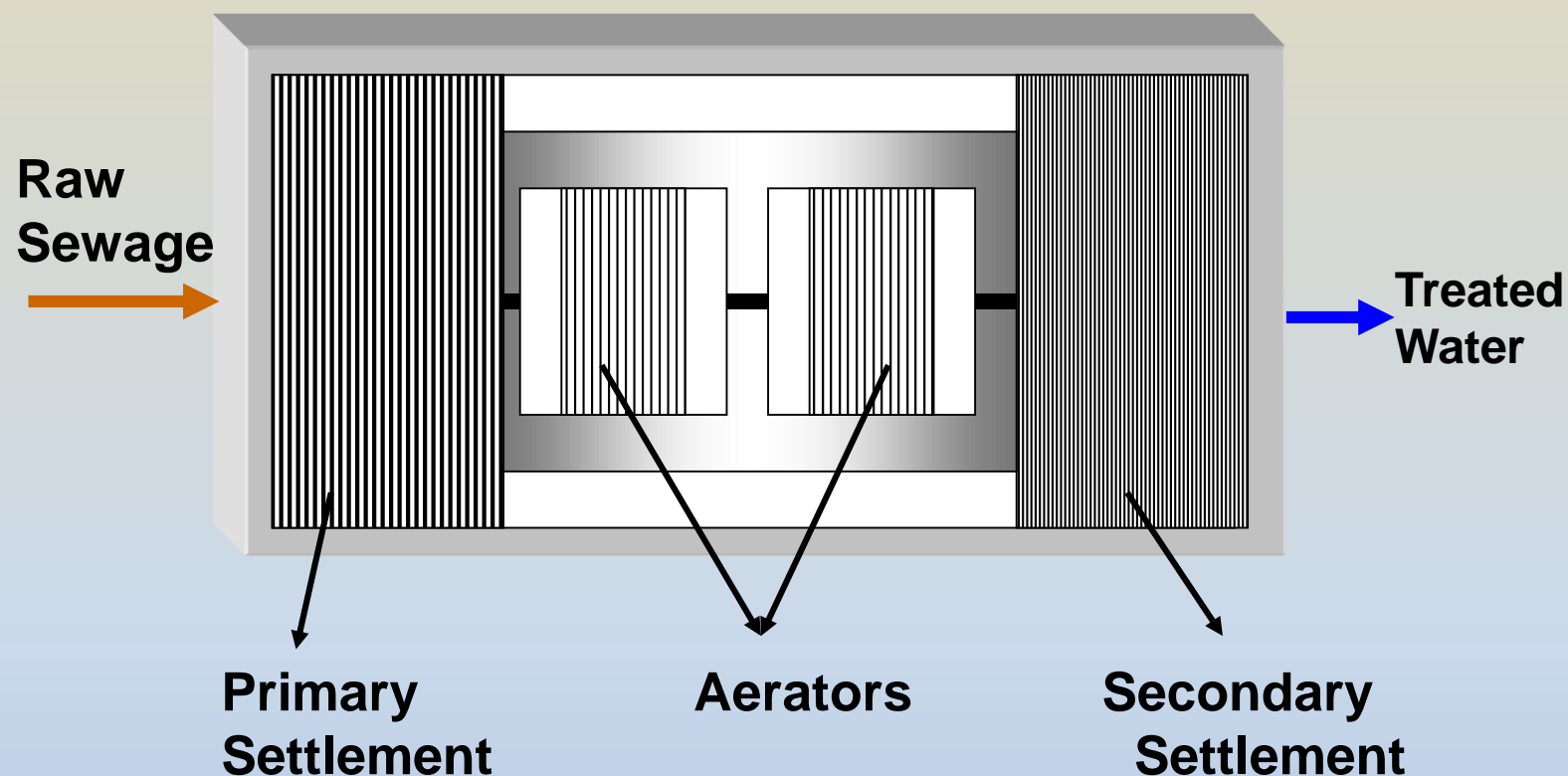
Teamwork: We have employees from different culture and backgrounds and with different point of views. We contribute as individuals and succeed in unity by sharing and building on knowledge and opinions that deliver results. We also believe in brainstorming.

Sewage Treatment Plant (STP)

Indore Enviro Sewage Treatment Plant used to treat sewage created by hostles, industries, hospitals, colonies, IT parks and commercial buildings etc. We manufacture and assure usage of qualitative materials in fabricating sewage treatment plant upto industrial standards. It is easy to install & operate and requires low maintenance cost. It helps providing the society with a clean healthy environment around them. It can be availed at feasible prices.

Sewage Treatment Process

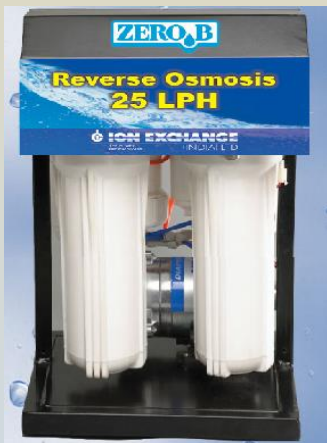
- Compact Sewage Treatment Plants
- Custom Built Sewage Treatment Units
- UASB Based Sewage Treatment Plants
- SBR Based Sewage Treatment Plant
- Sullage Treatment Units
- Membrane Bio Reactor
- Manual Bar Screens
- Automatic Bar Screens
- Floating Oil Skimmers
- Belt Type Oil Skimmers
- Fat & Grease Traps
- pH Controllers
- Coarse Bubble Diffusers



Reverse Osmosis (RO) Purifiers

Reverse Osmosis Removes:

- 💧 All undissolved contaminants like suspended solids & colloidal particles
- 💧 All dissolved solids, harmful minerals, metals & pesticides
- 💧 Bacteria & viruses
- 💧 High molecular weight organic compounds



RO 15/25 LPH



**Wall Mount
RO Purifier**



RO 60/100/150 LPH



**RO above 200 LPH
for Centralized
Drinking Application**

Water Softening Plant

Softening plant is designed to remove calcium and magnesium ions which cause the hardness of water. The hardness in raw water gets exchanged with sodium ions in the sodium based cationic resin bed, thus giving real soft water.

Softening plant is available in Manual as well as PLC based control system with Fully Automatic option. It is available in FRP/ MSRL models.



SOFTENER

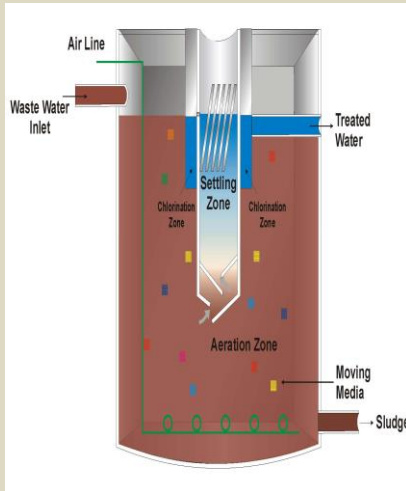
Softening plants is designed to cater to the requirement of scale prevention of Utility / Plumbing Fixtures from total hardness. Softeners are available for Bungalow/ Institutional/ Industrial applications.

Water Vending Station



- 💧 Produce safe drinking water to international standards
- 💧 5 - stage purification process
- 💧 Inbuilt storage tank with various dispensing options
- 💧 Dispenses Chilled, Normal & Hot water
- 💧 Reduces plastic wastage
- 💧 Generates employment

FLUIDISED MEDIA REACTOR



SINGLE TANK DESIGN

- 💧 Aeration tank with patented media
- 💧 Lamella Settler
- 💧 Chlorine Contact Tank

Key Features (FMR)

- 💧 Single Tank design
- 💧 1/3 space requirement compared to conventional STP's
- 💧 Low operating cost (Rs 9/m³)
- 💧 Uses High Porosity moving media for bacteria to grow
- 💧 Capacity ranges from 150 - 1000 m³/day
- 💧 Useful for modification / capacity extension of existing STP



INLET



OUTLET

INDION

MEMBRANE BIO-REACTOR

Key Features (MBR)

- 💧 Immersed & Side stream Ultra-filtration membrane system
- 💧 Compact, requires 1/4 to 1/3 space over a conventional system
- 💧 Low energy consumption (0.30 kwh/m³)
- 💧 6 log (99.9999 %) removal of total coliform
- 💧 No chemicals required during treatment
- 💧 Modular in construction
- 💧 Single packaged unit with minimal civil construction



NGPSTP Installations



Landmark Construction, Chennai



Woodland Hospital, Shillong



L&T Demag, Chennai



MES - Jodhpur



MES Colony, Nagpur



Ginger Hotel, Pune

We offer sustained solutions for customer needs through a comprehensive range of services, innovative and economical technologies, such as following us:

- Turnkey Projects – ETP, STP, STP
- ETP/ STP Operation & Maintenance
- Swimming Pool
- Complete Water Management with Zero Liquid Discharge (ZLD)
- Brine Recovery System (BRS)
- Mineral Water Treatment Plant
- Water Softening Plant
- DM (Demineralization) Plants
- Cooling Tower Plant
- Water & Waste Water Chemicals
- “Indion” Domestic Units (Zero B Brand)
- “Indion” Multi-grade Sand Filters & Activated Carbon Filters (MS & FRP Models)
- “Indion” Dosing Systems (Electronic & Non-Electronic)
- “Indion” De-mineralising Plants (Manual & Auto)
- “Indion” Packaged Softeners (Manual & Auto) [MS & FRP Model]
- “Indion” Reverse Osmosis Systems (for Brackish / Salty Water)
- “Indion” Micron Filters (Cartridges)
- “Indion” Instruments (For Water Treatment Application)
- “Indion” Ion Exchange Resins.
- “Indion” Test Kits (For Water Treatment Plants)
- “Indion” Package Sewage Treatment Plant & Services.
- “Indion” Swimming pools systems.
- All type of Water Solution