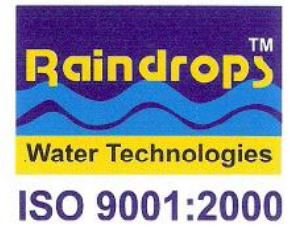


Life Blossoms in Water.

We make sure You get the Best of it



### Industrial R O Plants

We offer a wide range of industrial reverse osmosis Plants, according to the need for tap water, brackish water & sea water application. The production range starts from 100 LPH (Liter per hour) to 100 M3 per hour for 400 TDS to 45,000 TDS and reduce TDS @ 90-99% .

All our **industrial reverse osmosis Plants** are carefully customized and configured to suit the individual requirement of the output water, which varies from normal drinking application to the specific usage, such as food Processing, pharmaceuticals and boiler feeding requirement. This is done through an in depth and complete chemical analysis of the feed water available to us in specific location

Reverse Osmosis has gained wide acceptance and popularity due to its simple operation and the ability to withstand variations in feed water quality.

### Salient Features

- Produce high-quality dematerialized water
- Most modern membrane technology
- Modular design
- Low water-rejection rate
- Low operational and maintenance costs

### RO Process

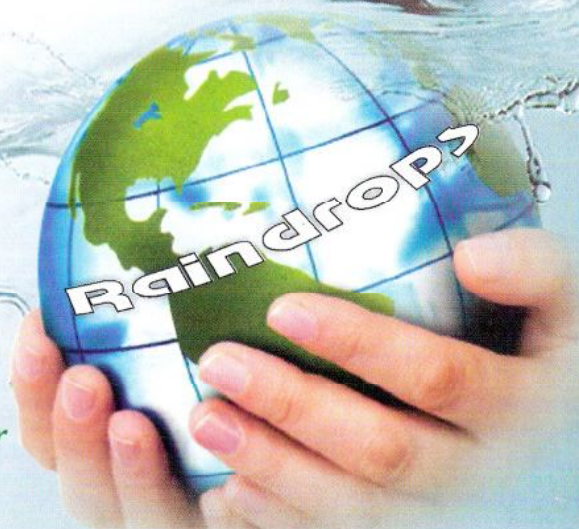
Range of R O units utilises the most modern membrane technology and consists of a modular design. In its simplest presentation reverse Osmosis and ultra filtration system is a membrane process. That acts a molecular filters to remove (Permeable to water not salt and separating pure water and salt solution, by applying external pressure) dissolved mineral, organic, inorganic and heavy metals. It will also remove microbial matter including bacterial spores and viruses, which cannot remove by any ion exchange technique from water and wastewater.

### Applications for Reverse Osmosis Systems

The ideal applications for RO water filtration System include:

- Safe Drinking Water
- Boiler Feed Water
- Ion Exchange Pre-treatment
- Beverage Production
- Pharmaceuticals
- Food Processing Industries
- Fisheries Industries

*Green Earth Blue Sky & Clean Water*





## 100 - 150 LPH

### Technical Specifications :

- Product Capacity : 100-150 LPH
- Pretreatment : Raw Water Pump and Sand Filter
- Type of Operation : Semi Automatic
- Recovery : 15-30%
- TDS Rejection : 90-99%

### Technical Specifications :

- Product Capacity : 250-500 LPH
- Pretreatment : Raw Water Pump and Sand Filter
- Recovery : 30-50%
- Type of Operation : Semi Automatic
- TDS Rejection : 90-99%



## 250 - 500 LPH

### Technical Specifications :

- Product Capacity : 1000 LPH
- Pretreatment : Sand Filter Followed Carbon Filter
- Type of Operation : Semi /Fully Automatic
- Recovery : 50-70%
- TDS Rejection : 90-99%



## 1000 LPH

### Technical Specifications :

- Product Capacity : 2000 / 3000 / 5000 LPH
- Pretreatment : Sand Filter Followed by carbon filter by Softener
- Type of Operation : Fully Automatic
- Recovery : 50-70%
- TDS Rejection : 90-99%



## 2000 - 5000 LPH