

## Why Green Aqua

Green Aqua mainly focuses on customer service excellence and quality product supply, delivered through highly trained staff members who have invaluable experience and expertise in the Water Treatment Industry. This special knowledge enables team members to assist customers in a wide range of applications so that, the most cost effective solution to each water treatment project is achieved.

In most cases our products supplied adhere to or exceed the ISO 9001:2008 specification.

## Water & Wastewater Solutions under One Roof

- Reverse Osmosis Plants
- UV Purification Systems
- Ultra Filtration Systems
- Water Softeners
- DM Plants
- Mixed Bed Units
- Pressure sand filters
- Activated carbon filter
- Desalination Plants
- Sewage Treatment Plants (STP)
- Effluent Treatment Plants (ETP)
- Gas/Electro Chlorination Plants
- Ozonators
- Swimming Pool Filtration
- Water Treatment Chemicals
- Consumables, Spares & Services
- Operation & Maintenance
- Annual Maintenance Contracts



Green Aqua®

Pure Water is Precious

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ISO 9001:2008 Certified



एन एस आई सी  
NSIC

MSME



Economy



Quality



Service



Innovation

## Overview

The Green Aqua Series commercial and Industrial Reverse Osmosis plants are engineered to economically produce high purity water by removal of dissolved minerals, bacteria, particles, and organic impurities. Each Green Aqua unit is constructed using the highest quality components and materials for reliable operation and exceptional performance. Our standard units are available with product water outputs from 100-25000 LPH of clean water of highest quality, as per BIS standard to meet potable & industrial water applications. Contact us for larger flow rate requirements. Green Aqua also offers a wide variety of machine options, pre/post treatment equipment, distribution pumps, and integrated controls for a complete water treatment system. Our specialty is skid mounted, pre-piped, and pre-wired equipment allowing for quick installation and start-up time. Green Aqua engineers are ready to work with you to design a system meeting your water treatment requirements.

## Applications

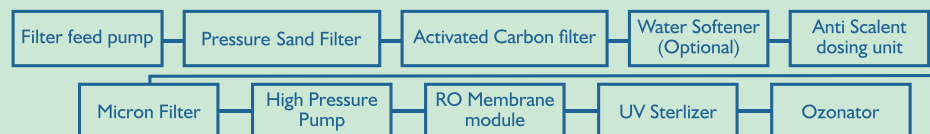
*The few ideal applications of RO water treatment equipments for process and drinking water includes:*

- Safe Drinking Water
- Packaged Drinking Water
- Health care & Institutional
- Food Service/ Restaurant
- Ice-Making
- Hospitality and Hotels
- Deionizer Pre-Treatment
- Food / Beverage Production
- Pharmaceutical Manufacturing
- Boiler & Cooling Tower Feed water



Skid Mounted RO Plant

### Standard Process



## Designed for Performance

- SS Skid frame Assembly to prevent rust
- Periodical automatic Membrane Auto flushing system for prevention of membrane fouling and scale formation
- Pre-filtration of the membrane feed and specific Post treatment for drinking and process water on all systems.
- Filter vessels and membrane pressure vessels constructed of Fiber reinforced polyester (FRP)
- Skid mounted membrane Clean-In-Place (CIP) systems
- low & high pressure cut-off switches
- Product TDS/ conductivity monitor
- Plant automatic on/off with level controls.

## Water Softener

Calcium and magnesium are hard scale forming minerals that build up on piping, heat exchanger, water heaters, boilers & any steam related equipment. This buildup results in costly repairs, increased energy consumption, plugged heat exchanger & boiler tubes. The service life of linens, clothing, appliances and fixtures is greatly reduced due to these "hard" minerals. For laundry & dish washing, the use of a water softener will significantly reduce the amount of soaps and detergents, resulting in reduced operating expenses.

Green Aqua Commercial Water Softeners use ion exchange resin technology to soften the water. A water softener basically consists of a vessel (MS fabricated vessel or FRP) with ion exchange resin inside connected to a brine tank for salt solution and a highly reliable control valve..

We offer Industrial Softeners in various specifications. These are fabricated employing latest technology to ensure excellent performance & trouble-free functioning. Our softeners are individually sized to provide soft water benefits.

### Applications

The following facilities are examples of ideal applications for water softening equipment:

- Apartments/Residential colonies
- Office Complexes
- Boiler/ Cooling tower Feedwater
- Institutions
- Hospitals
- Food Processing Plants
- Laundries
- Restaurants
- Manufacturing Plants
- Car Washes



Green Aqua softeners are available with pressure sand filters and activated carbon filters.

### Green Aqua Advantages

Standard or custom designs | Commercial and industrial applications | Professional service and installation  
 In-house technical support | Startup support | Water & Wastewater Solutions under One Roof  
 Optimum Operation and Maintenance Charges