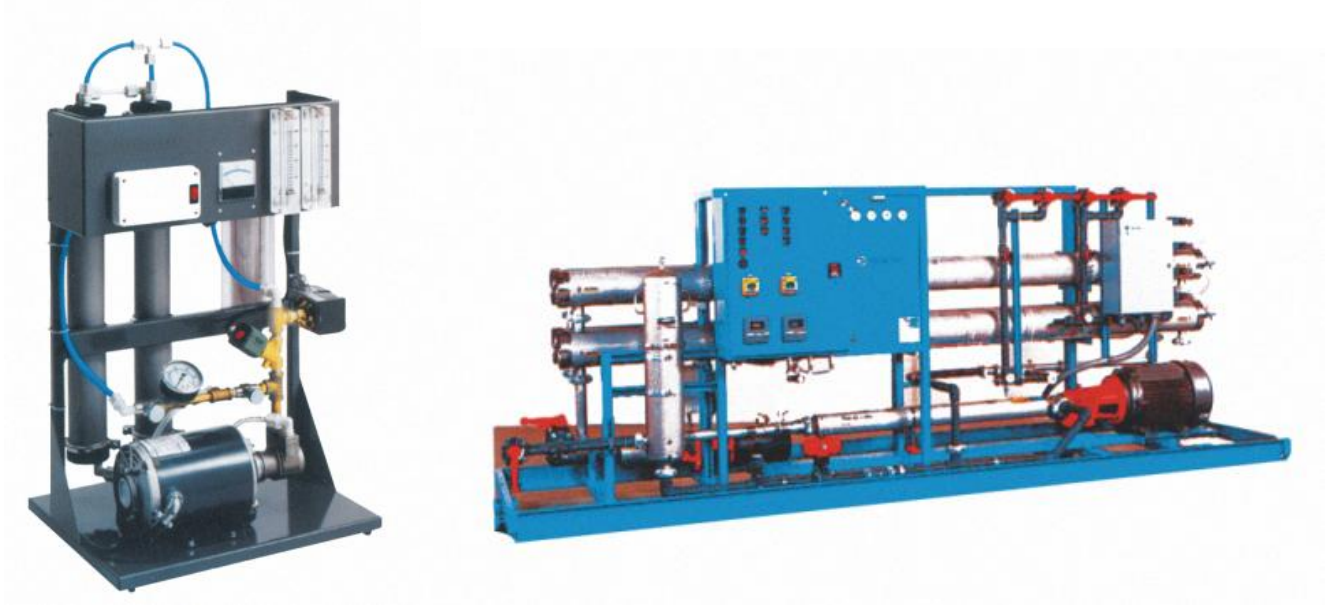


# DRINKING WATER

## A full range of Reverse Osmosis Systems For Commercial Drinking Water Applications



### Purified Drinking Water through Reverse Osmosis Technology

- **Reverse Osmosis Membranes eliminate :**  
*up to 99.5% of pollutants and contaminants and 100% of bacteria and pyrogens*
- **Nine Stage Purification System**  
*Complete with pre-treatments, Membrane Purification and post treatments to produce pure and healthy Drinking Water.*
- **A perfect fit for every flow requirement**  
*with flow rates ranging from 50 litres per hour to 25,000 litres per hour in pre-engineered packages.*
- **Simple to install and easy to operate**  
*The Reverse Osmosis Systems are made in Modular Design and are easily cleaned and safely disinfected to provide safe drinking water*

**SPRINGFRESH**  
N A T U R A L L Y F R E S H

**Spring Fresh Water Treatments Limited** 606, Eros Apartments, 56 Nehru Place, New Delhi 110 019. Phones: 011-26419319, 26284130, 41306111-2-3Internet: <http://www.springfreshindia.com>. Email: [sales@springfreshindia.com](mailto:sales@springfreshindia.com)

Most waters that are extracted from the ground or from rivers may not be fresh water but a dangerous mixture of contaminants, pollutants. Industrial wastes, dirt, heavy metals like copper, cobalt, lead, arsenic etc. or contaminants like fluorides, manganese, nitrates etc. or a mixture of disease causing bacteria, virus or micro-organisms like legionella, amoeba, giardia or cryptosporidium cysts along with pesticides and fertiliser.

These can cause a wide range of diseases including cancers, tumours, gastroenteritis, dysentery, cholera, typhoid, meningitis, legionnaires disease, Pontiac fever, liver and kidney damage etc.

The solution lies in a comprehensive treatment offered by *SPRING FRESH* Reverse Osmosis Systems which removes not only dissolved poisonous contaminants and pollutants, but also removes micro-organisms, bacteria and viruses thus producing pure and healthy drinking water.

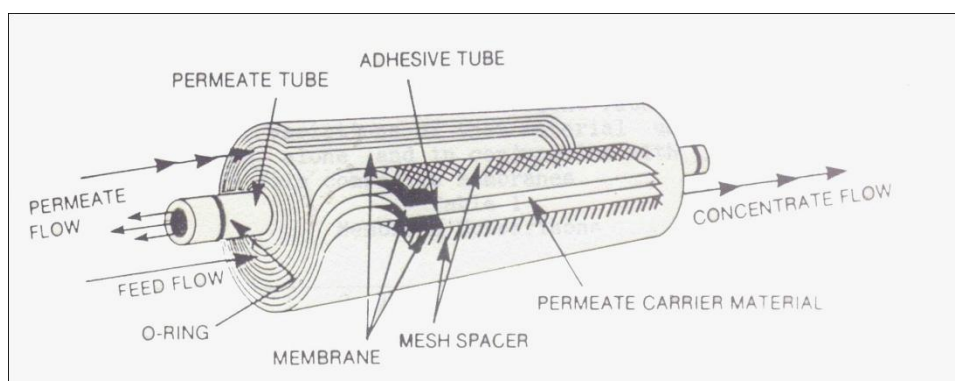
<b>SPECIFICATIONS OF STANDARD MACHINES</b>				
<b>MODEL</b>	<b>SFRO100</b>	<b>SFRO250</b>	<b>SFRO500</b>	<b>SFRO1000</b>
<b>Capacity</b> (liters per hour)	100	250	500	1000
<b>Max. Output</b> (Cu.m/day)	2.27	10.6	10.6	16.6
<b>MAX. Feed Flow</b> (Cu.M/hr)	1.4	4.1	4.1	4.6
<b>Operating Pressure</b> (psi)	200	300	300	300
<b>Ionic Rejection</b>	98%	98%	98%	98%
<b>Membranes</b>	2.4" x 40"	4" x 40"	4" x 40"	4" x 40"
<b>Array</b> (Elements/housing)	1	1	2	2
<b>Membrane Housing</b>	FRP - 1 No.	FRP- 1 No.	FRP- 1 No.	FRP - 2Nos.
<b>Pipe</b>	UPVC	UPVC	UPVC	UPVC
<b>Pump</b>	Graphite Vane	Multistage Vertical	Multistage Vertical	Multistage Vertical
<b>Motor*</b>	1 HP	2/3 HP	2/3 HP	2/3 HP
<b>Flushing Tank</b>	100 Lts.	100 Lts.	100 Lts.	100 Lts.
<b>Control Panel</b>	Pre filters, Flow Control Centre, Pressure Gauges, High & Low Pressure Switches, Flow Meter, Flow restrictor valve.			

\*Depending on Raw Water Quality

### REVERSE OSMOSIS TECHNOLOGY

Osmosis is a natural process on which Reverse Osmosis Systems are based. The walls of the living cells are natural semi-permeable membranes. This means that the membrane is selective and some materials can pass through and others cannot. This semi-permeability of the membranes permits water to pass through more readily than dissolved minerals. When pressure is applied to the concentrated solution a Reverse flow is achieved – whereby pure water is permitted to pass through the membrane and dissolved minerals are rejected, thus producing pure water from the most contaminated water.

**SPRING FRESH** uses this technology to offer a wide range of systems to produce pure and healthy Drinking Water, free from contaminants, pollutants, bacteria and virus



### APPLICATIONS:

For Drinking Water Requirements in • Commercial Units producing Packaged Drinking Water • Factories & Offices • Restaurants & Canteens • Schools, Colleges • Hospitals • Areas hit by calamities – to produce pure drinking water • Homes • Residential Complexes.

For Producing pure water in • industrial processes • Boiler feed water • Cooling Water • Process Water