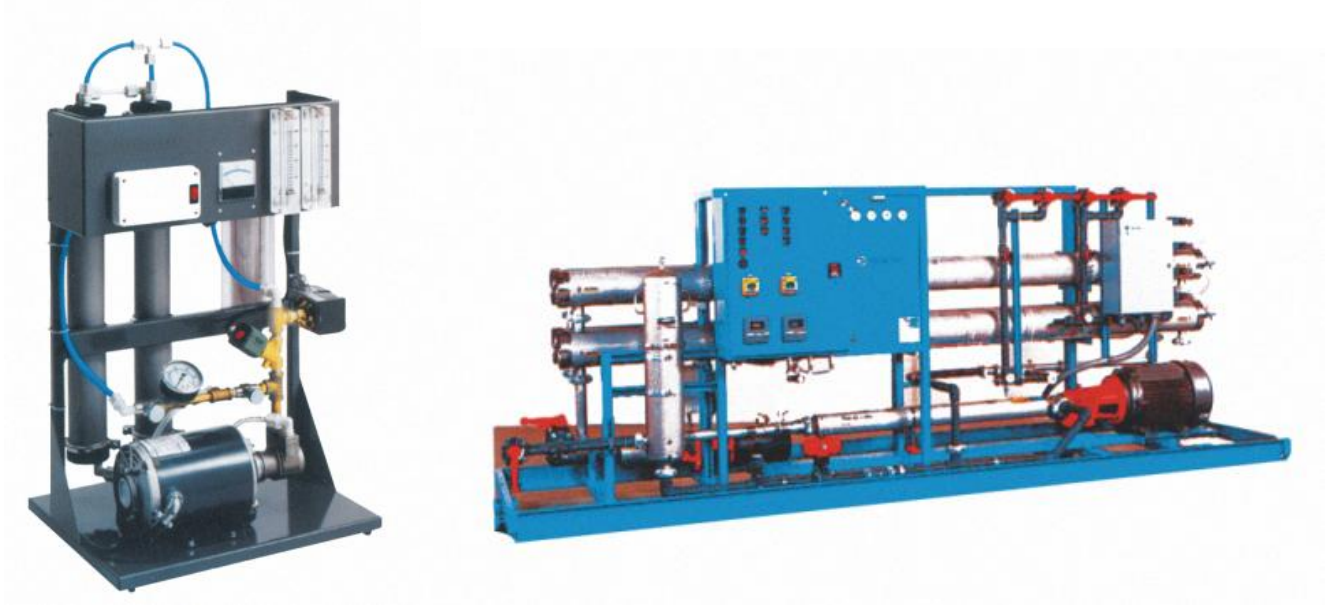


DRINKING WATER

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

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.

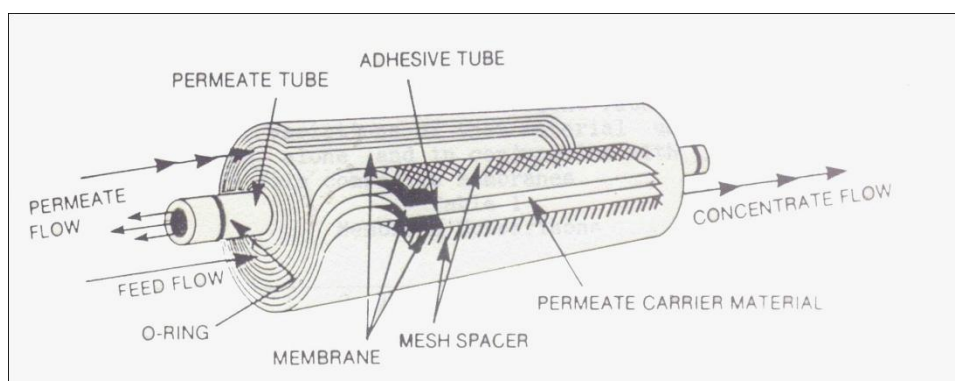
SPECIFICATIONS OF STANDARD MACHINES				
MODEL	SFRO100	SFRO250	SFRO500	SFRO1000
Capacity (liters per hour)	100	250	500	1000
Max. Output (Cu.m/day)	2.27	10.6	10.6	16.6
MAX. Feed Flow (Cu.M/hr)	1.4	4.1	4.1	4.6
Operating Pressure (psi)	200	300	300	300
Ionic Rejection	98%	98%	98%	98%
Membranes	2.4" x 40"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