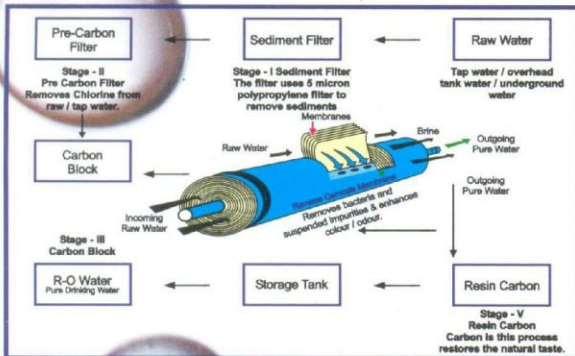


**REVERSE OSMOSIS** : Is the latest technology to remove all excess total dissolved solids, chemicals in water upto 95%. It removes bacteria and Virus to a level of 99% + +. It restores the Original taste and Quality of water. Other purification Methods have no effect on TDS level of water.



**CONTAMINANTS REMOVED BY RO SYSTEMS**

CONTAMINANT	%REMOVED	CONTAMINANT	%REMOVED
Bacteria	100%	Nitrates	95%
Cryptosporidium	100%	Barium	97%
Viruses	100%	Silver	85%
Sodium	92%	Silicate	96%
Chlorides	98%	Sulphate	97%
Copper	97%	Strontium	97%
Fluoride	98%	Bicarbonate	98%
Lead	98%	Radium	97%
Potassium	98%	Calcium	97%
Detergents	97%	Insecticides	97%
Chromate	92%	Pesticides	100%
Nickel	97%	Herbicides	100%

**RO System is enhanced with the following user-friendly features :**

**Microbiologically Portable** : Makes water both chemically and micro biologically portable by reducing hardness, TDS, heavy metal contaminants and by removing water borne pathogenic micro organisms.

**5 Stage Purification Process** : Equipped with the revolutionary Reverse Osmosis Technology and a 5-stage purification process.

**Five Stage Purification Process**

**Stage-I Sediment Filter**  
The filter uses 10 micron polypropylene filter to remove sediment to improve quality of water and protect membrane.

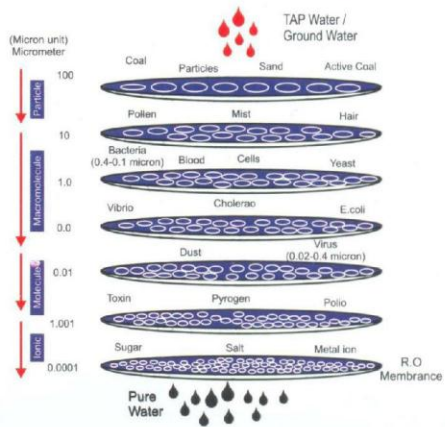
**Stage-II Pre Carbon Filter**  
Remove Chlorine from raw/tap water to improve quality and to protect the membrane.

**Stage-III Carbon Block**  
Removes bacteria and suspended impurities & enhances colour/odour.

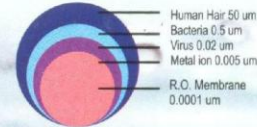
**Stage-IV R.O. Membrane**  
Semi purified water is passed through world renowned Reverse Osmosis membrane with 0.0001 micron pores. Dissolved Salts, heavy metals and impurities are reduced by 90% and higher.

**Stage-V Resin Carbon**  
In this process Carbon removes colour & bad smell and there by restoring the water natural taste.

**Membrane Purify Stages**



- The diameter is less than 0.0001 micron (which is 500,000 times less than the diameter of our hair)
- R-O Membrane is able to filter harmful substances particles, viruses, bacteria, heavy metal etc/



**Water Treatment Result Comparison**

Contamination	Caused Disease	R.O.	Ultra Violet Ray Purifiers
Sodium	Heart disease	✓	✗
Calcium	Kidney stone	✓	✗
Magnesium	Kidney stoned	✓	✗
Lead	Mental Retardation	✓	✗
Copper	Indigestion	✓	✗
Nitrate	Dysentery	✓	✗
Bacteria	Bacterial Disease	✓	✓
Pyrogen	Fever	✓	✗
Pesticides	Cancer	✓	✗
Fluoride	Fluorosis	✓	✗
Arsenic	Poisoning	✓	✗

Note: The Results may vary as per water quality  
Remark: ✓ Removes ✗ :Dose Not Remove