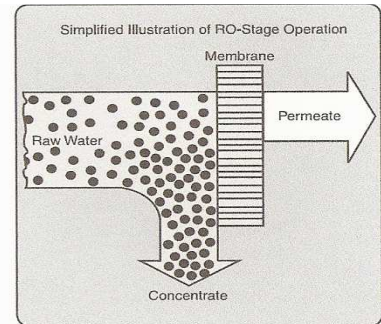
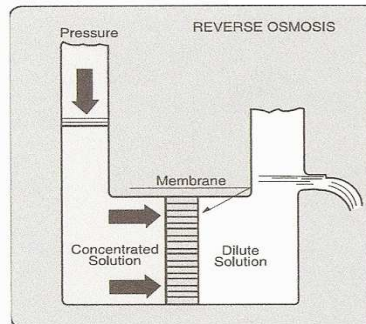
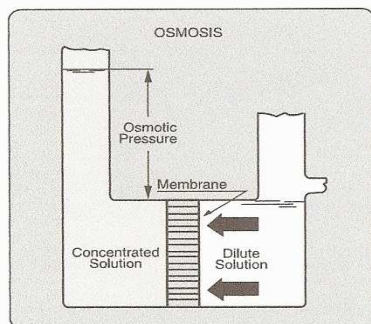


Reverse Osmosis

The “Gentle” Water Technology Modeled on Nature Itself

Reverse Osmosis, a membrane-separation process Removes all water impurities of molecular weight >200 Daltons in a single processing stage Reverse Osmosis system thus extract :

- up to 99.9% of all organic compounds
- up to 99.9% of suspended matter and particulates
- up to 99% of all colloids
- up to 99.9% of all bacteria and pyrogens, and
- up to 95%-99% of all dissolved minerals



How Reverse Osmosis works :

Reverse Osmosis processing is based on a reversal of the natural process of osmosis. This is why is called “reverse osmosis” or “counter-osmosis” in Reverse Osmosis processing, a pressure greater than the natural osmotic pressure is externally applied to a concentrated solution. This forces water molecules to pass through a semipermeable membrane, from the concentrated solution into the dilute solution, diluting the later even further. The concentrated solution (the higher concentration levels in the raw water) is termed the “concentrate” while the dilute solution (the partially demineralized water) is termed the “permeate”



REVERSE OSMOSIS CAPACITY 50 M³/Hr.