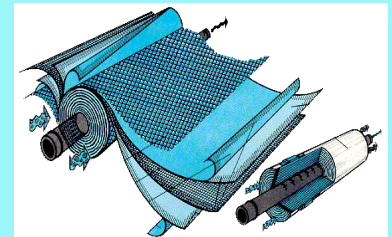
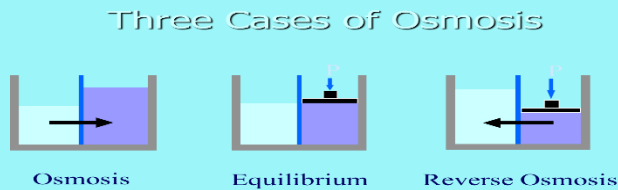


PRODUCT WRITEUP

Esteem uses the Reverse Osmosis Process to treat the raw water to get less dissolved solid water. High TDS water pressurized using multi stage pump to separate the pure water using semi permeable membrane. Esteem uses spiral wounded membrane to treat the water. Construction of spiral would membrane detail given below.

RO Process explained below and Membrane construction illustrated below



Esteem uses the high quality components to manufacture the Reverse Systems. Esteem design and supply the fully automated system based on Level in the RO Product water tank. Also inbuilt system flushes the membrane Periodically to reduce the membrane scaling and fouling tendency. Also Esteem design the system which uses less electricity and the less waste Water generated from the system.



Standard RO system Specification

Sl.No	Capacity Litres per Hour	Waste water- Litres Per Hour		Power -KW		Size- Meter L X B X H
		Without Antiscalant	With Antiscalant	Sigle	Three	
1	100	233	-	1		1 X 1 X 1.5
2	200 -250	583	-	1.5		1 X 1 X 1.5
3	400 - 500		269		2.75	1 X 1 X 1.5
4	800 - 1000		404		3	1 X 1 X 1.5

RO System designed automatic start and stop based on the level in the product water tank.

Above 1000 LPH will be designed according to customer requirement.

Also we can design and supply to Sea water desalination with energy recovery system.