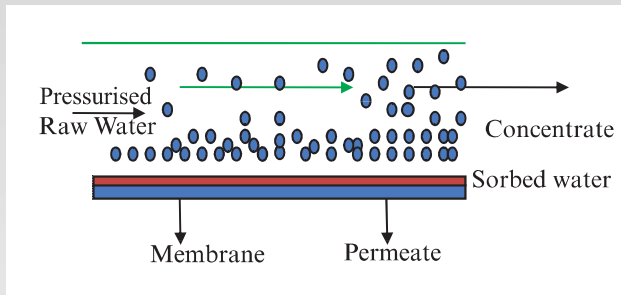
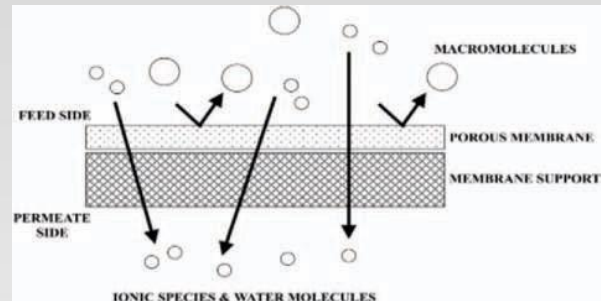


Bicycle mounted brackish water RO/UF unit with hybrid power

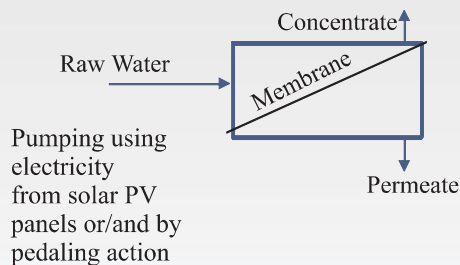
Application : For removal of suspended particles and dissolved salts (up to 1000 mg/l)



Working of Reverse Osmosis (RO)



Working of Ultra Filtration (UF)



Schematic of PV/ pedal driven RO/UF unit



PV/ pedal driven RO/UF unit

Typical Performance Data of the UF Unit

Parameters	
Feed Flow (lit/min)	1
Product Flow (lit/min)	1
Feed Turbidity (NTU)	50
Product Turbidity (NTU)	1
Pressure (bar)	1 - 2

Typical Performance Data of the RO Unit

Parameters	
Feed Flow (lit/min)	0.4
Product Flow (lit/min)	0.15
Feed Salinity (ppm)	1000
Product Salinity (ppm)	90 -100
Pressure (bar)	3-4

For further details contact :

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