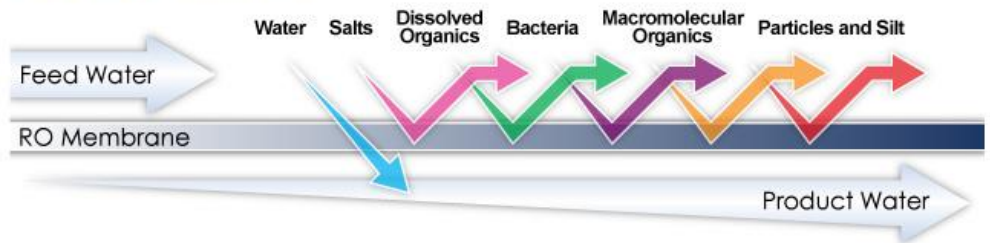


Water Filter's RO UNIT

MAKITIS's RO Unit and pretreatment are the process that is used to remove a wide range of salts, dissolved organics, bacteria, macromolecular organics and particles silt to give water of a high purity. RO Unit must be supplied with softened, de-chlorinated water. A duplex softener is recommended for continuous operation. Utilising softened water for the feed to the RO will reduce the scaling potential on the membrane and therefore lengthen it. Dechlorination of the feed will reduce oxidation damage to the surface of the membrane.

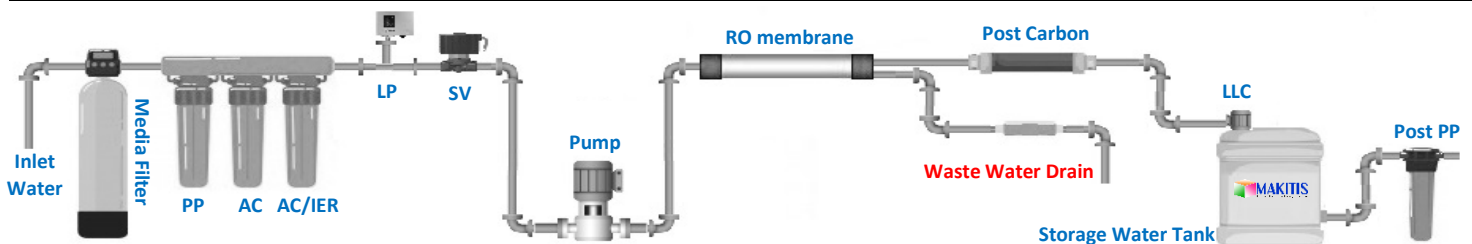


Reverse Osmosis



MK-RO 600PE / FRP

Capacity	GPD (LPD)	600 (2,400)
Electrical Current (V)		24
Frame Material		SUS 304
Structure (LxWxH) -cm		48 x 90 x 200
Include PE Tank and FRP Tank		
Pre Treatment Filter (pcs)		FRP TANK /Manual Control Valve (1) PP20" (1) / Activated Carbon 20" (1) / Ion Exchange Resin 20" (1)
Pro Treatment Filter (pcs)		PP10" (1)
RO membrane (pcs)		150 GPD (4)
Diaphragm Pump (pcs)		300G (2)
Low Pressure Switch (pcs)		1
Liquid Level Switch (pcs)		1
Solenoid Valve (pcs)		24V (1)
Inlet Water		1/2" Socket
Storage Tank (pcs)		PE 100 liter (1)
Outlet Water		3/8" Socket
Waste Water Flow		500 CC
Consumer Unit		Switch OFF / ON



Suggested Inlet Water Conditions

Max. Feed Silt Density Index (SDI) : 5

Turbidity : < 1 NTU

TDS : < 1000 ppm



Free Chlorine Tolerance : < 0.1 ppm

Inlet water Pressure : 2 -3 Bar

Iron : < 0.05 ppm