

Aquaguard REVIVA - Revive the original taste & purity of water.

Aquaguard REVIVA Institutional Reverse Osmosis Purification System is equipped with 6 unique stages for filtration and purification. Each stage of filtration and purification module is specially designed, taking care of the higher capacity requirements.

The RO membrane used in Aquaguard REVIVA Institutional Reverse Osmosis Purification System has a 0.0001 micron pore size, which prevents the passage of micro-organisms and total dissolved solids. This makes water lighter, taste natural and safe to drink.

Aquaguard REVIVA Institutional Reverse Osmosis Purification System makes the water both chemically and micro-biologically potable by reducing hardness, TDS, heavy metal contaminants like Arsenic, Lead, Mercury and by removing pathogenic micro-organisms. Consequently, it revives the original taste of water. Its unique 6 stage purification process also reduces pesticides in the water and reduces scale formation, when water is heated.



6-stage Purification Process: Equipped with the revolutionary Reverse Osmosis Technology and a 6-stage purification process.



Higher capacity: Aquaguard REVIVA Institutional Reverse Osmosis Water Purification System uses special membrane elements, which produces higher quantity of treated water, ensures faster and continuous supply of water.



Micro-biologically Potable: Makes water both chemically and micro-biologically potable by reducing hardness, TDS, heavy metal contaminants and by removing water-borne pathogenic micro-organisms.



No need for bottled water: With Aquaguard REVIVA Institutional Reverse Osmosis Purification System, you won't need bottled water anymore.



Self-Cleaning System: This ensures superior and effective membrane performance by auto-flushing every hour.

Aquaguard REVIVA's Reverse Osmosis Purification Process

This membrane filtration process gives you the purest water. In this process, water is passed under high pressure through a special 3-layered, spiral-wound Thin Film Composite (TFC) membrane which effectively removes input TDS, chemical impurities, bacteria and virus up to 0.0001 micron size. The output of the membrane is purified water, free from micro-organisms and with reduced Total Dissolved Solids.



Input Water Conditions:

Minimum Input Water Pressure	0.6 Kg / Cm ²
Recommended Total Dissolved Solids In Input Water	2000 ppm. (max.)
Recommended Hardness In Input Water	500 ppm (max.)
Recommended pH Of Input Water	6.5 to 8.5
Recommended Chlorine In Input Water	0.2 ppm (max.)
Recommended Iron In Input Water	0.3 ppm (max.)
Turbidity	< 5 NTU (max.)

Technical Specifications:

Description	50 LPH	SOLPH
Basic Model	460 x 250 x 790	460 x 250 x 1450
Weight in Kg. (Approx.)	45	75
Reservoir Capacity	Not Provided	50 LPH
Production Capacity	50 LPH	50 LPH
RO Membrane (Thin Film Composite)	80 GPD x 4 Nos.	80 GPD x 4 Nos.
Filtration Stages / Cartridge	Particulate Filter → Membrane Life Enhancer Filter → Sediment Filter → Pre Carbon Filter → RO Membrane Filter → Post Carbon Filter	Particulate Filter → Membrane Life Enhancer Filter → Sediment Filter → Pre Carbon Filter → RO Membrane Filter → Post Carbon Filter → Storage Tank
Power Consumption	120 W	120 W
Input Power Rating	200 V AC, 50 Hz	200 V AC, 50 Hz
System Operating Voltage	40 & 24 V DC	40 & 24 V DC
Operating Temperature	5° C to 45° C	5° C to 45° C
% of Recovery of Purified Water	20 to 25%	20 to 25%
% of Reduction in TDS	90% (Approx.)	90% (Approx.)
RO Membrane Flushing	Auto Flush @ Every Start, Every Stop and Every One Hour of Working - for 1 minute	Auto Flush @ Every Start, Every Stop and Every One Hour of Working - for 1 minute

Eg. If Input Water Contains 1000 mg / Lit. TDS, The Output Water Contains TDS up to 100 mg / Lit.