



- ❖ COMMERCIAL, INDUSTRIAL & RESIDENTIAL APPLICATIONS
- ❖ EASY TO OPERATE, SIMPLIFIED CONTROL
- ❖ COMPACT DESIGN

STANDARD FEATURES

- ✓ 4"x40"BW Energy Saving Membrane
- ✓ SS316 Grundfos H.P.Pump
- ✓ Automatic Sand Filter
- ✓ FRP Pressure Vessels
- ✓ Anti Scalant Dosing System
- ✓ Panel Mounted Flow Meters
- ✓ 5 Micron Pre Cartridge Filter
- ✓ Panel Mounted TDS Meter
- ✓ Electrical Control Panel
- ✓ Raw Water Tank Empty Lockout
- ✓ Product Tank Full Lockout
- ✓ Pretreatment Lockout
- ✓ Automatic Feed Shut-Off Valve
- ✓ SS 316 Valves(Throttling&Concentrate)
- ✓ SS316 Liquid Filled Pressure Guages
- ✓ Low Pressure Switch
- ✓ SS316 L High Pressure Piping
- ✓ Corrosion Resistant Steel Frame
- ✓ Panel Mounted Hour Meter
- ✓ Auto-Flush System

OPERATIONAL CONSTRAINTS

- ✓ Feed Turbidity <1 NTU
- ✓ Feed SDI < 3
- ✓ Feed Water of Free Oxidant Content
- ✓ Bacteria Free
- ✓ Iron Tolerance 0.05 ppm Max.



OPTIONAL FEATURES

- ✓ Additional Pre Treatment
- ✓ Post Treatment
- ✓ High Pressure Switch
- ✓ ORP Monitor/Controller
- ✓ Feed pH / TDS Monitor/Controllers
- ✓ SS Frame
- ✓ Clean-In Place(CIP)
- ✓ Belending line
- ✓ 60Hz Motors
- ✓ PLC Control Panel

MODEL	CAPACITY		Elements No.	Recovery %	Ph/Voltage/Hz	Sand Filter Dia. Inch	Dimensions / approx. / cm
	GPD	m3/hr					
SALRO45-100	10,000	1.58	6	40	3/380-415/50	16	220x110x170
SALRO45-115	11,500	1.81	7	40	3/380-415/50	16	220x110x170
SALRO45-130	13,000	2.05	8	50	3/380-415/50	21	220x110x170
SALRO45-145	14,500	2.29	9	50	3/380-415/50	21	220x110x170
SALRO45-160	16,000	2.52	10	50	3/380-415/50	21	230x110x170
SALRO45-175	17,500	2.76	11	50	3/380-415/50	21	230x110x170
SALRO45-190	19,000	3.00	12	50	3/380-415/50	21	230x110x170
SALRO45-205	20,500	3.23	13	50	3/380-415/50	21	230x110x170
SALRO45-215	21,500	3.39	14	50	3/380-415/50	21	230x110x170

- X Recovery based on max feed salinity of 5000 ppm, higher recoveries can be achieved at lower feed salinities.
- X Nominal salt rejection 94 to 98+%



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