



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

## SALTREAT SALRO85 SERIES

### STANDARD FEATURES

- ✓ 8" TFC Spiral Wound Membranes
- ✓ SS316 Grundfos H.P.Pump
- ✓ FRP Pressure Vessels
- ✓ Permeate & Reject Flow Meters
- ✓ 5 Micron Pre Cartridge Filter
- ✓ Product water TDS Meter
- ✓ Sample Valves
- ✓ Electrical Control Panel with plc
- ✓ 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 Using Concentrate Flow

### OPERATIONAL CONSTRAINTS

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



**Best Design For Optimum Performance**

*Easy to place where space is limited*

### OPTIONAL FEATURES

- ✓ Pre Treatment
- ✓ Post Treatment
- ✓ High Pressure Switch
- ✓ TDS Monitor/Controller on Feed Line
- ✓ ORP Monitor/Controller
- ✓ Feed pH Monitor/Controller
- ✓ SS Frame
- ✓ Auto-Flush System Using Permeate flow
- ✓ Clean-In Place (CIP)
- ✓ Belending line
- ✓ 60Hz Motors

MODEL	CAPACITY		No. of 8" Elements	No. of Pressure Vessels	Recovery % at 2,000 ppm	Recovery % at 5,000 ppm	Dimensions (LxWxH)/ approx./cm
	GPD	m3/hr					
SALRO85-029	28,800	4.5	4	1 x 4E	70	60	475 X 84 X 147
SALRO85-036	36,000	5.7	5	1 x 5E	70	60	575 X 84 X 147
SALRO85-043	43,200	6.8	6	2 x 3E	70	60	375 X 91 X 147
SALRO85-057	57,600	9.1	8	2 x 4E	70	60	475 X 84 X 147
SALRO85-072	72,000	11.4	10	2 x 5E	70	60	575 X 84 X 147
SALRO85-086	86,400	13.6	12	3 x 4E	69	60	475 X 122 X168
SALRO85-108	108,000	17.0	15	3 x 5E	70	70	575 X 122 X168
SALRO85-130	130,000	20.5	18	3 x 6E	70	64	675 X 157X 168
SALRO85-144	144,000	22.7	20	4 x 5E	69	65	575 X 157 X168
SALRO85-173	173,000	27.3	24	4 x 6E	70	68	675 X 157 X 168

☒ Power : 3 ph / 380- 415 V / 50 Hz for all models

☒ Nominal salt rejection 94 to 98+%



**SALAM ENTERPRISES LLC**  
WATER DIVISION

P.O. BOX, 28326, Dubai-United Arab Emirates. Tel : +971 4 2896289, Fax : +971 4 2896089