



Dolphin Series

Sea Water Reverse Osmosis Units

Used for pre-refined Wastewater and Sea Water refinement.

This device can be used if total Dry Solid amount of Entering Water is between 15000-45000 mg/L.

Table values are for 30000 mgTDS/L

Standard Specifications:

- * SS Series Dow Filmtec Membrane-SS Covered
- * Cartridge Type front filter
- * Pump
- * Wastewater and Refined Water Valves
- * Wastewater and Refined Water flow meter
- * Pump exit manometer
- * Pressure Switch
- * Voltage:380 V, Frequency:50Hz

Arbitrary Specifications:

- * Automatic or Manuel membrane cleaning
- * Total Dry Solid Monitor
- * Tank Level Switch



Model	Unit	M25-03 1	M25-03 2	M25-03 3	M25-03 4	M25-03 5	M25-03 6	M25-03 7	M25-03 8	M25-03 9
Pump (Feed) Flow	m ³ /d	11	22	60	120	230	550	800	1600	2400
Pump (Feed) Flow	L/h	458	917	2500	5000	9583	22917	33333	66667	100000
Pump (Feed) Flow	GPD	2906	5812	15850	31701	60760	145295	211338	422675	634013
Pump Adjustment Pressure	kg/cm ²	55,00	55,00	55,00	55,00	55,00	55,00	55,00	55,00	55,00
Recovery	%	40,84	40,84	49,79	49,79	50,03	53,82	53,93	53,93	53,93
Membran Type		SW30 2540	SW30 2540	SW30 4040	SW30 4040	SW30 4040	SW30 HR 380	SW30 HR 380	SW30 HR 380	SW30 HR 380
Membran Diameter	inch	2,5	2,5	4	4	4	8	8	8	8
Membran Length	inch	40	40	40	40	40	40	40	40	40
Membran No	No	3	6	9	18	36	24	36	72	108
Motor Force	kW	1,10	2,20	5,50	11,0	18,5	45	75	132	200
Need for Force	kW	0,86	1,71	4,67	9,34	17,9	43	62	125	187
Permeate Flow	L/h	187,183	374,367	1244,75	2489,5	4794,54	12333,8	17976,7	35953,3	53930
Permeate Flow	GPD	1186,77	2373,53	7891,87	15783,7	30398	78197,6	113974	227949	341923
Concentrate Flow	L/h	271	542	1255	2511	4789	10583	15357	30713	46070
Concentrate Flow	GPD	1719,13	3438,25	7958,45	15916,9	30361,6	67097	97363,2	194726	292090
Power per Permeate W.	kWh/m ³	4,59	4,57	3,75	3,75	3,74	3,47	3,47	3,47	3,47
Unit Height	mm	910	910	910	910	910	1418	1418	2312	3827
Unit Length	mm	1316	2332	3348	3348	6396	4364	6396	6396	6396
Unit Width	mm	586	671	637	774	774	1049	1049	1597	2695
Weight	kg	116	155	570	900	1494	6733	9133	16333	23533

Note: Our company can make a brand change, providing same capacities of the membranes.

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