



Seal Series

Brackish Water Reverse Osmosis Units

Used for pre-refined Wastewater and Brackish Water refinement.

This device can be used if total Dry Solid amount of Entering Water is between 100-10000 mg/L.

Table values are for 2000 mgTDS/L

Standard Specifications:

- * BW Series Dow Filmtec Membrane-PVC 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:

- * Stainless Steel Membrane Cover
- * Automatic or Manuel membrane cleaning
- * Total Dry Solid Monitor
- * Tank Level Switch



Model	Unit	M25-02 1	M25-02 2	M25-02 3	M25-02 4	M25-02 5	M25-02 6	M25-02 7	M25-02 8	M25-02 9
Pump (Feed) Flow	m ³ /d	38	55	83	195	500	1000	1500	2000	3000
Pump (Feed) Flow	L/h	1583	2292	3458	8125	20833	41667	62500	83333	125000
Pump (Feed) Flow	GPD	10039	14529	21926	51514	132086	264172	396258	528344	792516
Pump Adjustment Pressure	kg/cm ²	15,50	15,50	15,50	15,50	15,50	15,50	15,50	15,50	15,50
Recovery	%	66,84	73,94	80,00	80,00	80,00	80,00	80,00	80,00	80,00
Membran Type		BW30 2540	BW30 2540	BW30 2540	BW30 4040	BW30 4040	BW30 365	BW30 365	BW30 365	BW30 365
Membran Diameter	inch	2,5	2,5	2,5	4	4	8	8	8	8
Membran Length	inch	40	40	40	40	40	40	40	40	40
Membran No	No	12	20	36	30	36	36	54	72	108
Motor Force	kW	1,10	1,50	2,20	5,50	15	30	37	55	75
Need for Force	kW	0,83	1,21	1,82	4,28	11	22	33	44	66
Permeate Flow	L/h	1058,3	1694,46	2766,67	6500	16666,7	33333,3	50000	66666,7	100000
Permeate Flow	GPD	6709,76	10743,1	17541	41210,8	105669	211338	317006	422675	634013
Concentrate Flow	L/h	525	597	692	1625	4167	8333	12500	16667	25000
Concentrate Flow	GPD	3328,78	3786,38	4385,26	10302,7	26417,2	52834,4	79251,6	105669	158503
Power per Permeate W.	kWh/m ³	0,78	0,71	0,66	0,66	0,66	0,66	0,66	0,66	0,66
Unit Height	mm	910	910	910	910	910	1418	1865	2312	2974
Unit Length	mm	4364	4364	6396	6396	6396	6396	6396	6396	6396
Unit Width	mm	586	671	671	774	774	1049	1323	1597	2146
Weight	kg	315	475	795	1296	1494	9133	12733	16333	23533

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

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