



MWG Membranes



Ref	Description	Fam.	Subfam.	Disp. Stock	
MMRO1812-75	MWG 1.8" MEMBRANE RO1812-75	30	151	OK	
MMRO2012-100	MWG 2" MEMBRANE RO2012-100	30	151	OK	
MMRO2012-150	MWG 2" MEMBRANE RO2012-150	30	151	OK	
MMRO2012-200	MWG 2" MEMBRANE RO2012-200	30	151	OK	
MMRO2812-200	MWG 2.8" MEMBRANE RO2812-200	30	156	OK	
MMRO3012-300	MWG 3" MEMBRANE RO3012-300	30	156	OK	
MMRO3012-400	MWG 3" MEMBRANE RO3012-400	30	156	OK	
MMXLP2521	MWG 2.5" MEMBRANE XLP-2521	30	161	OK	
MMXLP2540	MWG 2.5" MEMBRANE XLP-2540	30	161	OK	
MMXLP4040	MWG 4" MEMBRANE XLP-4040	30	162	OK	
MMULP4021	MWG 4" MEMBRANE ULP-4021	30	162	OK	
MMULP4040	MWG 4" MEMBRANE ULP-4040	30	162	OK	
MMULP4040MR	MWG 4" MEMBRANE ULP-4040MR	30	162	NO	
MMBW4040	MWG 4" MEMBRANE BW-4040	30	162	OK	
MMBW8040	MWG 8" MEMBRANE BW-8040	35	163	OK	
MMBW8040FR	MWG 8" MEMBRANE BW-8040FR	35	163	OK	
MMBW8040HR	MWG 8" MEMBRANE BW-8040HR	35	163	OK	
MMSW2521	MWG 2.5" MEMBRANE SW-2521	30	161	OK	
MMSW2540	MWG 2.5" MEMBRANE SW-2540	30	161	OK	
MMSW4021	MWG 4" MEMBRANE SW-4021	30	162	OK	
MMSW4040HR	MWG 4" MEMBRANE SW-4040HR	30	162	NO	
MMSW4040MR	MWG 4" MEMBRANE SW-4040MR	30	162	OK	
MMSW8040HR	MWG 8" MEMBRANE SW-8040HR	35	163	OK	



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Ref	Mod.	Permeate flow rate GPD (m ³ /d)	Rejection NaCl (%)	Effective area m2 (ft2)	Spacer (mil)	Test	NSF
MMRO1812-75	TW RO	75 (0,28)	98,0	0,37 (4)	X	1	58
MMRO2012-100	TW RO	100 (0,38)	98,0	0,56 (6)	X	1	58
MMRO2012-150	TW RO	150 (0,57)	98,0	0,56 (6)	X	1	58
MMRO2012-200	TW RO	200 (0,76)	97,0	0,75 (8)	X	9	58
MMRO2812-200	TW RO	200 (0,76)	98,0	0,93 (10)	X	1	58
MMRO3012-300	TW RO	300 (1,14)	98,0	1,3 (14)	X	1	58
MMRO3012-400	TW RO	400 (1,52)	98,0	1,3 (14)	X	1	58
MMXLP2521	XLP	300 (1,13)	99,2	1,3 (14)	X	3	X
MMXLP2540	XLP	600 (2,27)	99,2	2,5 (27)	X	3	X
MMXLP4040	XLP	2.400 (9,1)	99,2	7,9 (85)	X	4	X
MMULP4021	LP	950 (3,6)	99,3	3,4 (36)	X	5	61
MMULP4040	LP	2.700 (10,2)	99,4	9,3 (100)	28	5	61
MMULP4040MR	LP	2.200 (8,3)	99,6	9,3 (100)	28	5	61
MMBW4040	BW	2.400 (9,1)	99,6	7,9 (85)	X	6	61
MMBW8040	BW	10.500 (39,7)	99,6	37,2 (400)	X	6	61
MMBW8040FR	BW	9.500 (35,9)	99,7	34 (365)	34	6	X
MMBW8040HR	BW	9.500 (35,9)	99,7	37,2 (400)	X	6	X
MMSW2521	SW	300 (1,13)	99,7	1,3 (14)	X	7	X
MMSW2540	SW	600 (2,27)	99,7	2,5 (27)	X	7	X
MMSW4021	SW	800 (3,04)	99,7	3,4 (36)	X	7	X
MMSW4040HR	SW	1.500 (5,7)	99,75	7,9 (85)	28	7	X
MMSW4040MR	SW	1.800 (6,8)	99,7	7,9 (85)	X	7	61
MMSW8040HR	SW	6.500 (24,6)	99,8	37,2 (400)	28	7	X

Certificates	Manufacturer	Sectors
DM174-2004	MWG	Domestic, Commercial, Industrial



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Test condition	Pressure (psi)	Temperature of solution NaCl (°C)	Concentration of NaCl solution (ppm)	Concentration of MgSO4 solution (ppm)	pH	Recovery rate (%)
1	60	25	250	-	7,5-8,0	15
2	60	25	250	250	7,5-8,0	15
3	100	25	500	-	7,5-8,0	8
4	100	25	500	-	7,5-8,0	15
5	150	25	1500	-	7,5-8,0	15
6	225	25	2000	-	7,5-8,0	15
7	800	25	32000	-	7,5-8,0	8
8	70	25	500	2000	7,5-8,0	15
9	80	25	250	-	7,5-8,0	15

TW RO: Residential RO - **XLP:** Extra Low Pressure - **BW:** Brackish Water - **NF:** Nano Filtration - **TW NF:** Industrial NF - **LP:** Low Pressure - **SW:** Sea Water