

STANDARD FEATURES:

- ✓ High efficiency TFC membrane
- ✓ Stainless steel membrane vessel
- ✓ Powder-coated steel frame
- ✓ Stainless steel multi-stage pump
- ✓ Throttle Valve
- ✓ Liquid-filled system pressure gauge
- ✓ Adjstbl SS Waste/Recycle needle valves
- ✓ Product, Waste, Recycle Flow Meters
- ✓ Dual-level float switch
- ✓ SS Feed water inlet solenoid valve
- ✓ Feed water low pressure switch
- ✓ Inlet/Outlet pre-filter gauges
- ✓ 20" BB 5 micron sediment pre-filter
- ✓ 110V-60HZ or 220V-60HZ-1PH



MICROPROCESSOR CONTROLLER:

- ✓ 4-line LCD display
- ✓ Keypad
- ✓ Menu system
- ✓ Permeate temp display
- ✓ TDS monitor with probe
- ✓ Tank full
- ✓ Low pressure
- ✓ Hour meter
- ✓ Time delay start
- ✓ System On/Off

Options:

- ▶ Blending valve
- ▶ Auto hourly flush
- ▶ Permeate purge
- ▶ Pre-Treat Lock-out
- ▶ Feed water TDS monitor
- ▶ Product diversion
- ▶ High pressure cut-off
- ▶ Electrical outlet for a/s pump
- ▶ Nanofiltration membrane
- ▶ 50 hz motor
- ▶ 3ph motor w/IEC motor contactor w/overload relay
- ▶ Add'l BB sediment pre-filter
- ▶ 20" BB carbon post-filter

MODEL	*GPD	Recommend for feed TDS up to:	Membrane 4" x 40" Qty.	motor	Operating Pressure PSI	110v- 60hz AMPS	208/230v- 60hz-1ph AMPS	RECOVERY *RATE % Up to:	PIPING inlet waste prod **	DIMENSIONS weight lbs.
WM140S	1,800+	2,000 ppm	1 LE	1hp	150	11.6	6.5 / 5.8	70%	3/4" 1/2" 1/2"	36"x 15"x 62"H
WM140N	1,800+	2,000 ppm	1 NANO	1hp	75-100	11.6	6.5 / 5.8	80%	FPT FPT FPT	130 lbs.
WM140	1,600+	4,000 ppm	1 BW	1.5hp	200	15.2	8.4 / 7.6	70%		
WM240S	3,600+	2,000 ppm	2 LE	1hp	150	11.6	6.5 / 5.8	70%	3/4" 1/2" 1/2"	40"x 15"x 62"H
WM240N	3,600+	2,000 ppm	2 NANO	1hp	75-100	11.6	6.5 / 5.8	80%	FPT FPT FPT	156 lbs.
WM240	3,200+	4,000 ppm	2 BW	1.5hp	200	15.2	8.4 / 7.6	70%		
WM340S	5,400+	2,000 ppm	3 LE	1hp	150	11.6	6.5 / 5.8	70%	3/4" 1/2" 1/2"	48"x 15"x 62"H
WM340N	5,400+	2,000 ppm	3 NANO	1hp	75-100	11.6	6.5 / 5.8	80%	FPT FPT FPT	184 lbs.
WM340	4,800+	4,000 ppm	3 BW	2hp	200	20.1	11.1 / 10.0	70%		

* GPD/24 hr = System flow rate and membrane performance vary depending upon customer's pre-treatment used, feed water conditions, feed temperature, applied pressure and membrane type.

OPERATING PARAMETERS: Water recovery rate is field adjusted by customer. It is not recommended that the recovery be set higher than 70%. pH range 3 - 11.

Flow rates are determined by the membrane mfr's. testing criteria of 1500 ppm NaCl solution, 77°F water temperature. Typical membrane salt rejection is 95—99%.

FEED WATER PARAMETERS: Feed temperature 85° F maximum. **Feed pressure 40 psi min.** to 80 psi maximum. Iron tolerance 0.5 ppm maximum. Hydrogen sulfide must be removed. Silica tolerance can not be higher than 100 ppm in the concentrate stream. Antiscalant should be considered for any levels over 75 ppm. Turbidity should be removed. Hardness and Chlorine must be removed.

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