

STANDARD FEATURES:

- ✓ Reverse Osmosis membrane
- ✓ Powder-coated steel frame
- ✓ Stainless steel multi-stage pump
- ✓ Stainless steel membrane vessel
- ✓ Liquid-filled high pressure gauge and inlet/outlet pre-filter gauges
- ✓ Feed water inlet solenoid valve
- ✓ Adjstbl. Waste/Recycle s.s. needle valves
- ✓ Product/Waste flow meters
- ✓ 20" 5 micron BB pre-filter
- ✓ Throttle valve

STANDARD ELECTRICAL CONTROLS :

- ✓ 4-line LCD display
- ✓ Keypad
- ✓ Menu system
- ✓ Temperature display
- ✓ TDS monitor with probe
- ✓ Tank full
- ✓ Low pressure
- ✓ Hour meter
- ✓ Time delay start
- ✓ System On/Off
- ✓ Dual-level float switch
- ✓ Fully-fused



Optional FEATURES:

- ▶ Nanofiltration membrane (Removes 98% hardness, up to 85% TDS, high recovery rate)
- ▶ Auto hourly flush
- ▶ Blending valve
- ▶ Electrical outlet on frame for anti-scalant pump.
- ▶ Recycle flow meter
- ▶ 3phase motor w/IEC
- ▶ 50hz motor
- ▶ Feed water TDS monitor
- ▶ Pre-treatment lock-out
- ▶ Product diversion
- ▶ Permeate purge
- ▶ Hi-pressure cut-off

MODEL	*GPD	Feed TDS 2,000		Membrane 4" x 40" Qty.	motor	Operating pressure	110v- 60hz AMPS	220v- 60hz-1ph AMPS	RECOVERY RATE %	PIPING inlet waste prod			DIMENSIONS weight lbs.
		BELOW	ABOVE										
WM140S WM140	1,800+ 1,600+	●	●	1 1	.75hp 1.5hp	150psi 200psi	11.6 20.0	5.8 10.4	50-70	3/4" FPT	1/2" FPT	1/2" FPT	36"x 15"x 58"H 130 lbs.
WM240S WM240	3,600+ 3,170+	●	●	2 2	.75hp 1.5hp	150psi 200psi	11.6 20.0	5.8 10.4	50-70	3/4" FPT	1/2" FPT	1/2" FPT	36"x 15"x 58"H 156 lbs.
WM340S WM340	5,400+ 4,750+	●	●	3 3	.75hp 1.5hp	150psi 200psi	11.6 20.0	5.8 10.4	50-70	3/4" FPT	1/2" FPT	1/2" FPT	36"x 15"x 58"H 184 lbs.

OPERATING PARAMETERS: ● Operating pressure range from 150-200 psi maximum ● Water recovery up to 70% and 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%. *Actual flow rates vary depending on the pre-treatment used, water conditions, feed water temperature, applied pressure and membrane type. Review of feed water analysis report will determine system design and estimated production rate.

FEED WATER PARAMETERS: ● Feed temperature 85° F maximum ● Feed pressure 40 - 80 psi maximum ● TDS 2000-5000ppm (consult Dealer for specific model). ● 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 must be removed.