

STANDARD FEATURES:

- ✓ Reverse Osmosis membrane, 4" x 40"
- ✓ Powder-coated steel frame
- ✓ Stainless steel multi-stage pump
- ✓ Stainless steel membrane vessel
- ✓ SCH 80 PVC piping
- ✓ Liquid-filled pressure gauges for pre/post filter and feed/concentrate
- ✓ Stainless steel solenoid valve
- ✓ Adjustable waste/recycle ss globe valves
- ✓ Permeate/Waste/Recycle inline flow meters
- ✓ Product sampling valves per vessel
- ✓ Stainless steel Victaulic couplings
- ✓ Stainless steel throttling valve
- ✓ Dual-level float switch
- ✓ Optimum performance membrane array
- ✓ Enpress single cartridge sed. filter 10/5mic



Standard dims: 120 x 40 x 72
 Pic shown: antiscalant on board 130 x 40 x 72



OPTIONAL—8" vessels/membranes



STANDARD ELECTRICAL CONTROLS:

- ✓ Menu system with keypad
- ✓ Product and feed water TDS monitoring
- ✓ Manual start override on tank full condition
- ✓ Feed water temperature
- ✓ Low voltage level control
- ✓ Hour Meter
- ✓ Audible low pressure alarm
- ✓ Low pressure switch
- ✓ System ON/OFF
- ✓ Time delay start
- ✓ Low pressure bypass delay
- ✓ IEC contactor with motor overload relay

Optional FEATURES :

- Nanofiltration membrane
- 8"vessel/membrane
- Automatic flush
- Permeate purge
- Antiscalant pump w/tank
- Hi-pressure cut-out
- FRP membrane vessel
- Signet flow meters
- 50hz electrical
- Stainless steel multiple cartridge filter housing to be used for sediment removal.

FMH6-2	18,000+	4" x 40" QTY. 12	200 PSI
FMH6-2S	20,700+	4" x 40" QTY. 12	150 PSI
FMH8-2	23,700+	4" x 40" QTY. 16	200 PSI
FMH8-2S	27,600+	4" x 40" QTY. 16	150 PSI
FMH10-2	29,900+	4" x 40" QTY. 20	200 PSI
FMH10-2S	34,500+	4" x 40" QTY. 20	150 PSI
FMH3-2-8	34,500+	8" X 40" QTY. 6	150 PSI
FMH12-2	35,000+	4" x 40" QTY. 24	200 PSI
FMH12-2S	41,400+	4" x 40" QTY. 24	150 PSI

FEED WATER PARAMETERS:

•Temperature 85° F maximum •Pressure 40 - 80 psi maximum •TDS 2000 ppm maximum. If higher, consult factory •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 over 10gpg should be softened.

OPERATING PARAMETERS:

•Operating pressure 150 psi maximum •Water recovery is factory set at 50—60% •pH range 3 - 11 •Flow rates are determined by the membrane mfg'r's. testing criteria of 1500 ppm Nacl solution, 77°F water temperature, 225 psi at 10-15% recovery. Typical membrane salt rejection is 95—99%. *Actual flow rates may vary depending on the pre-treatment used, water conditions, system size, membrane array and applied pressure.

Manufactured by:

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