STANDARD FEATURES:

- ✓Powder-coated steel frame
- √Stainless steel multi-stage pump
- √Thin film composite membrane
- ✓ PVC membrane housing
- √High-pressure nylon tubing
- ✓ Liquid-filled high pressure gauge
- ✓ Liquid-tight wire shrouding
- √Feed water inlet solenoid valve
- ✓Adjstbl. waste & recycle needle valves
- ✓Product & waste flow meters
- √5 micron pre-filter
- ✓Inlet and outlet pre-filter gauges
- √High-pressure brass comp. fittings
- ✓Salt rejection 95 99%

FRAME MOUNT VERTICAL GPD: 800 - 10,800

OPTIONS:

ш	Stainless steel membrane housings
	Automatic hourly flush
	Manual flush
	TDS monitor (digital or analog)
	Hour meter
	Recycle flow meter
	Tank pressure switch (product)
	Product diversion
	IEC contactor, with overload
	Stainless steel needle valves
	High pressure cut-off w/auto restart
	and manual override
	Pre-treat lock-out with light
	50 hz electrical requirement

Other options available upon request

STANDARD ELECTRICAL CONTROLS:

- ✓ NEMA 4 fiberglass enclosure
- √ Off/On switch
- ✓ Dual level float switches
- ✓ Low pressure switch
- ✓ Low pressure bypass delay
- √ Fused control circuit
- ✓ 24 volt level control circuit
- ✓ Time delay start
- √ 30 amp motor contactor

Lights: power, running, low pressure, tank full

FEED WATER PARAMETERS:

Shipping crate

◆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 125 ppm in the concentrate stream. Antiscalant should be considered for any levels over 75 ppm. ◆Turbidity should be removed ◆Hardness must be removed.

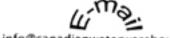
OPERATING PARAMETERS:

◆Operating pressure 200 psi maximum ◆Water recovery up to 60% and is field adjusted by customer. It is not recommended that the recovery be set higher than 50%. Only under certain conditions can the recovery be set higher. ◆pH range 3 - 11 ◆Flow rates are determined by the membrane mfgr's. testing criteria of 1500 ppm Nacl solution, 77°F water temperature, 225 psi at 10-15% recovery. Actual flow rates may vary depending on the pretreatment used, water conditions, system size, membrane array and applied pressure.

MODEL	GPD (minimum)	MEMBRANE	MOTOR	PUMP		PIPING	prod	DIMENSIONS
E rain					inlet	waste		
FMV 800	no longer available	_	-	_		-		_
FMV-1	1,500 - 2,000	4" x 40" lea.	1 HP	multi-stage	3/4"	1/2*	1/2"	24" x 29" x 57"H
FMV-2	3,000 - 4,000	4" x 40" 2ea.	2 HP	multi-stage	1"	1/2*	1/2"	24" x 29" x 57"H
FMV-3	4,500 - 6,000	4" x 40" 3ea.	2 HP	multi-stage	1"	1/2*	1/2"	29" x 29" x 61"H
FMV-4	6,000 - 8,000	4" x 40" 4ea.	3 HP	multi-stage	1"	1/2*	1/2"	29" x 29" x 61"H
FMV-5	7,500 - 9,000	4" x 40" Sea.	3 HP	multi-stage	1"	1/2*	1/2"	29" x 29" x 61"H
FMV-6	9,000 -10,800	4" x 40" 6ea.	3 HP	multi-stage	1"	1/2*	1/2"	29" x 29" x 61"H

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