

Economy FRAME MOUNT VERTICAL

GPD: 1,500 - 5,400

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
- ✓ Feed water inlet solenoid valve
- ✓ Adjstbl. waste needle valve
- ✓ 20" 5 micron BB pre-filter
- ✓ High-press. brass comp. fittings
- ✓ Salt rejection 95 - 99%

STANDARD ELECTRICAL CONTROLS :

- ✓ Fused electrical control junction box
- ✓ Off/On safety switch
- ✓ Low flow, no feed water pressure switch
- ✓ Adjustable dual level float switch
- ✓ Fused motor circuit

OPTIONS:

- Product and waste flow meters
- Recycle valve (requires waste flow meter)
- Pre-filter IN & OUT gauges
- Stainless steel membrane housings
- Manual flush
- Tank pressure switch
- 50 hz electrical requirement
- Shipping crate

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

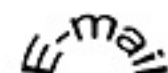
OPERATING PARAMETERS:

▲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 mfg'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 pre-treatment used, water conditions, system size, membrane array and applied pressure.

MODEL	GPD (minimum)	MEMBRANE	MOTOR	PIPING			DIMENSIONS
				Inlet	waste	prod	
ECFMV-1	1,500 - 2,000	4" x 40" 1ea.	1 HP	3/4"	1/2"	1/2"	17" x 16" x 49"H
ECFMV-2	3,000 - 4,000	4" x 40" 2ea.	2 HP	1"	1/2"	1/2"	17" x 16" x 52"H
ECFMV-3	4,500 - 6,000	4" x 40" 3ea.	2 HP	1"	1/2"	1/2"	17" x 16" x 52"H

CANADIAN WATER WAREHOUSE

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