



GOOD WATER WAREHOUSE, INC.

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STANDARD FEATURES:

- ✓ Reverse Osmosis membrane
 - ✓ Powder-coated steel frame
 - ✓ Stainless steel multi-stage pump
 - ✓ Stainless steel membrane vessel
 - ✓ High-pressure nylon tubing
 - ✓ SCH80 PVC piping (FMV-8, 8S only)
 - ✓ Liquid-filled high pressure gauge
 - ✓ Inlet/outlet pre-filter gauges
 - ✓ Liquid-tight wire shrouding
 - ✓ Feed water inlet solenoid valve
 - ✓ Adjstbl. Waste/Recycle s.s. needle valves
 - ✓ Product/Waste flow meters
 - ✓ 10" 5 micron BB pre-filter
 - ✓ High-press. brass comp. fittings
- (FMV8/8S & FMV10/10S only —Throttle Valve and Recycle Flow Meter)

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 control
- ✓ Fully-fused

Reverse Osmosis System
 model: FMV (Frame Mount Vertical)
 1,600 to 19,000 +gpd



Optional FEATURES:

- ▶ Nanofiltration membrane
- ▶ Blending valve
- ▶ Throttle valve
- ▶ Recycle flow meter
- ▶ 20" BB pre-filter
- ▶ Auto hourly flush
- ▶ Feed water TDS monitor
- ▶ Pre-treatment lock-out
- ▶ Product diversion
- ▶ Permeate purge
- ▶ Hi-pressure cut-off
- ▶ 3phase motor w/IEC
- ▶ 50hz motor
- ▶ Electrical outlet on frame for anti-scalant pump.

| MODEL | *GPD | Feed TDS | | Membrane 4" x 40" Qty. | motor | Operating pressure | 110v- 60hz AMPS | 220v- 60hz-1ph AMPS | RECOVERY RATE % | PIPING | | | DIMENSIONS weight lbs. |
|---------------------------------|----------------------------------|----------|-------|------------------------------|------------------------------|--------------------------------|----------------------------|---------------------------|--------------------|--------|-------|------|----------------------------|
| | | BELOW | ABOVE | | | | | | | inlet | waste | prod | |
| FMV-1S FMV-1 | 1,800+ 1,600+ | ● | ● | 1 1 | .75hp 1.5hp | 150psi 200psi | 11.6 20.0 | 5.8 10.4 | 50-70 | 3/4" | 1/2" | 1/2" | 24"x 29"x 53"H 140 lbs. |
| FMV-2S FMV-2 | 3,600+ 3,170+ | ● | ● | 2 2 | .75hp 1.5hp | 150psi 200psi | 11.6 20.0 | 5.8 10.4 | 50-70 | 3/4" | 1/2" | 1/2" | 30"x 30"x 53"H 166 lbs. |
| FMV-3S FMV-3 | 5,400+ 4,750+ | ● | ● | 3 3 | .75hp 1.5hp | 150psi 200psi | 11.6 20.0 | 5.8 10.4 | 50-70 | 3/4" | 1/2" | 1/2" | 30"x 30"x 53"H 194 lbs. |
| FMV-4S FMV-4 | 7,200+ 6,340+ | ● | ● | 4 4 | 2hp 3hp | 150psi 200psi | 19.2 n/a | 9.8 13 | 50-70 | 3/4" | 1/2" | 1/2" | 30"x 30"x 56"H 236 lbs. |
| FMV-5S FMV-5 | 9,000+ 7,900+ | ● | ● | 5 5 | 2hp 3hp | 150psi 200psi | 19.2 n/a | 9.8 13 | 50-70 | 3/4" | 1/2" | 1/2" | 30"x 30"x 56"H 267 lbs. |
| FMV-6S FMV-6 | 10,800+ 9,500+ | ● | ● | 6 6 | 2hp 3hp | 150psi 200psi | 19.2 n/a | 9.8 13 | 50-70 | 3/4" | 1/2" | 1/2" | 30"x 30"x 56"H 293 lbs. |
| FMV-8S FMV-8 | 14,400+ 12,670+ | ● | ● | 8 8 | 3hp 3hp | 150psi 200psi | n/a n/a | 13 13 | 50-70 | 1" | 1/2" | 3/4" | 30"x 37"x 61"H 320 lbs |
| FMV-10S FMV-10 | 19,000+ 16,000+ | ● | ● | 10 10 | 3hp 3hp | 150psi 200psi | n/a n/a | 13 13 | 50-70 | 1" | 1/2" | 3/4" | 30"x 45"x 61"H 386 lbs |

***FEED WATER PARAMETERS** ♦Temperature 85° F maximum ♦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. **OPERATING PARAMETERS:** ♦Operating pressure 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 mfg'r's. testing criteria of 1500 ppm NaCl solution, 77°F water temperature, 225 psi at10-15% recovery. 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.