

STANDARD FEATURES:

- ✓ Reverse Osmosis membrane
- ✓ Stainless steel membrane vessel
- ✓ Powder-coated steel frame
- ✓ Liquid-filled system pressure gauge
- ✓ Inlet/Outlet pre-filter gauges
- ✓ Fixed waste / recycle flow controls, stainless steel
- ✓ High-pressure nylon tubing
- ✓ High-pressure brass comp. fittings
- ✓ Storage tank pressure switch
- ✓ Feed water inlet solenoid valve
- ✓ Feed water low pressure switch
- ✓ Rotary vane pump
- ✓ 1/2 to 3/4 hp motor
- ✓ 20" 5 micron sediment pre-filter (1)
- ✓ 20" carbon block pre-filters (1)
- ✓ 110 volt—50/60hz



**Options:**

- ▶ Nanofiltration membrane  
*(Removes 98% hardness, up to 85% TDS, high recovery rate)*
- ▶ Float switch for open tank
- ▶ Product and Waste Flow Meters
- ▶ 220v / 60hz ...or.... 220v / 50hz

MODEL	*GPD	Feed TDS		Membrane size	HP	110v-60hz amps	220v-60hz-1ph amps	RECOVERY RATE	PIPING			DIMENSIONS weight lbs.
		2,000 BELOW	ABOVE						inlet	waste	prod	
<b>COM-II-150S</b> <b>COM-II-150</b>	<b>175+</b> <b>150+</b>	●	●	<b>2.5" x 14"</b> <b>2.5" x 14"</b>	<b>1/2hp</b> <b>1/2hp</b>	7.2 7.2	3.6 3.6	<b>50—60%</b>	1/2" FPT	3/8" FPT	3/8" FPT	14"x 16"x 30"H 61 lbs.
<b>COM-II-250S</b> <b>COM-II-250</b>	<b>275+</b> <b>250+</b>	●	●	<b>2.5" x 21"</b> <b>2.5" x 21"</b>	<b>1/2hp</b> <b>1/2hp</b>	7.2 7.2	3.6 3.6	<b>50—60%</b>	1/2" FPT	3/8" FPT	3/8" FPT	14"x 16"x 30"H 633 lbs.
<b>COM-II-450S</b> <b>COM-II-450</b>	<b>475+</b> <b>450+</b>	●	●	<b>4" x 14"</b> <b>4" x 14"</b>	<b>1/2hp</b> <b>1/2hp</b>	7.2 7.2	3.6 3.6	<b>50—60%</b>	1/2" FPT	3/8" FPT	3/8" FPT	14"x 16"x 30"H 66 lbs.
<b>COM-II-800S</b> <b>COM-II-800</b>	<b>850+</b> <b>800+</b>	●	●	<b>4" x 21"</b> <b>4" x 21"</b>	<b>3/4hp</b> <b>3/4hp</b>	10.4 10.4	5.2 5.2	<b>50—60%</b>	1/2" FPT	3/8" FPT	3/8" FPT	14"x 16"x 30"H 71 lbs.

*FEED WATER PARAMETERS (standard membrane):*

◆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 (standard membrane):*

◆Operating pressure 200 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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