

STANDARD FEATURES:

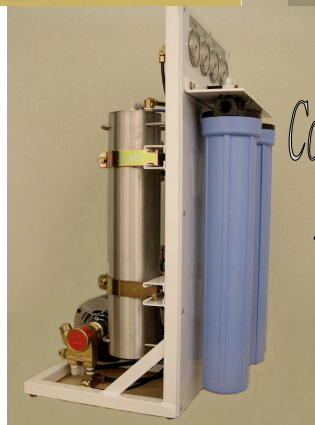
- ✓Thin film composite membrane
- ✓Stainless steel membrane vessel
- ✓Powder-coated steel frame
- ✓Liquid-filled system pressure gauge
- ✓Liquid-filled Inlet/Outlet pre-filter gauges
- ✓Pressurized tank pressure gauge
- ✓Fixed waste/recycle flow controls, stainless steel
- ✓High-pressure nylon tubing
- ✓High-pressure brass comp. fittings
- ✓Storage tank pressure switch
- ✓Feed water inlet solenoid valve
- ✓Feed water low pressure switch
- ✓Rotary vane pump
- ✓1/2 hp motor (150—450 gpd)
- ✓3/4 hp motor (800 gpd)
- ✓20" 5 micron sediment pre-filter (1)
- ✓20" carbon block pre-filter (1)
- ✓110 volt—50/60hz

OPTIONS:

- Float switch for storage tank
- TDS digital monitor, remote mount
- Product/waste flow meters—includes waste/recycle valves
- 220volt—50/60hz

Reverse Osmosis System
MODEL: Compact-ii

Gallons per Day:
150, 250, 450,
800, 1,600



*Compact design allows
for optional features.*

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 over 10gpg should be softened. **OPERATING PARAMETERS:**
 ♦Operating pressure 200 psi maximum ♦Water recovery is factory set at 33 - 35% ♦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.

*** Increase GPD at low cost, ask about "shf" membrane**

MODEL	* GPD	MEMBRANE	PIPING			DIMENSIONS	
			inlet	waste	prod		
COM-II 150	150 +	2.5" x 14" 1ea.	1/2"	3/8"	3/8"	14" x 16" x 30"H	85 lbs.
COM-II 250	250 +	2.5" x 21" 1ea.	1/2"	3/8"	3/8"	14" x 16" x 30"H	88 lbs.
COM-II 450	450 +	4" x 14" 1ea.	1/2"	3/8"	3/8"	14" x 16" x 30"H	92 lbs.
COM-II 800	800 +	4" x 21" 1ea.	1/2"	3/8"	3/8"	14" x 16" x 30"H	95 lbs.

Manufactured by:



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