

Compact design
allows for
optional features

Wall mounted
also available

GPD: 175 to 1,450

Substitute membrane
and achieve
specific results:

LOW ENERGY =
Higher Production,
Lower System Pressure,
Lower Cost Per GPD

NANOFILTRATION =
Higher Recovery Rates,
Energy Efficient,
Removes 98% TDS



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 to 3/4 hp motor
- 20" 5 micron sediment pre-filter (1)
- 20" carbon block pre-filter (1)
- 110 volt—50/60hz

Reverse Osmosis MODEL: Compact - ii

OPTIONS:

Low Energy Hi-flow membrane	Float Switch for open tank
Nanofiltration membrane	TDS digital monitor
Wall-mounted design	220v or 50hz electrical
Adjustable waste/recyc valves	

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 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 (standard membrane):

♦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.

MODEL	GPD	MEMBRANE	DIMENSIONS L x W x H Weight
COM-II-2514	175	2.5" x 14"	14" x 16" x 30"
COM-II-2514S	250		85 lbs.
COM-II-2521	275	2.5" x 21"	14" x 16" x 30"
COM-II-2521S	400		88 lbs.
COM-II-4014	500	4" x 14"	14" x 16" x 30"
COM-II-4014S	750		92 lbs.
COM-II-4021	900	4" x 21"	14" x 16" x 30"
COM-II-4021S	1450		95 lbs.

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Your Rayne Dealer:

Boyett Family Rayne Water Conditioning

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