

Quality-built,
Simplistic design.

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



Floor Mount



Wall Mount

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
- 10" 5 micron sediment pre-filter (1)
- 10" carbon block pre-filters (2)
- 110 volt—50/60hz

Reverse Osmosis MODEL: Compact

OPTIONS:

Low Energy Hi-flow membrane
Nanofiltration membrane
50 hz electrical

Float Switch for open tank
Wall-mounted design
220v electrical

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 Size and Type		DIMENSIONS
COM2514	175	2.5" x 14"	Regular TFC	21"x16"x18"H 65 lbs.
COM2514S	250	2.5" x 14"	Super-hi-flow	
COM2521	275	2.5" x 21"	Regular TFC	26"x16"x18"H 68 lbs.
COM2521S	400	2.5" x 21"	Super-hi-flow	
COM4014	500	4" x 14"	Regular TFC	21"x16"x18"H 72 lbs.
COM4014S	750	4" x 14"	Super-hi-flow	
COM4021	900	4" x 21"	Regular TFC	26"x16"x18"H 74 lbs.
COM4021S	1450	4" x 21"	Super-hi-flow	
Wall-mounted any gpd above	any	any		20"high x 30" wide x 7" deep

rev 06-2009

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