SIERRA

Residential
Reverse Osmosis Systems

- Four-stage reverse osmosis drinking water system for fresh tasting, clear drinking water.
- Great tasting drinking water for pennies a gallon.
- Membrane options include 36 gpd, 50 gpd, 75 gpd or 100 gpd.
- Reverse osmosis membrane reduces total dissolved solids (TDS) by 96%.
- Top quality coconut carbon post-filtration provides final polishing for the freshest taste.
- Easy to install with pre-connected, color coded tubing and hygienically sealed filter cartridges.
- Easy to maintain. Replace the filter cartridges without tools.
- Compact design saves under-the-counter space.
- Manufactured in the USA.

FOUR STAGES FOR BETTER DRINKING WATER

Stage 1 & 2: A combination filter, with 20 micron mesh and granular activated carbon, removes dirt and rust while reducing chlorine and organic compounds.

Stage 3: The reverse osmosis membrane reduces dissolved salts, metals, microorganisms and other impurities.

Stage 4: A coconut-based granular activated carbon postfilter is the final step in giving you fresh tasting, clear water.

Nimbus WATER SYSTEMS

Nimbus Water Systems
41840-A McAlby Court • Murrieta, CA 92562
800-451-9343 • FAX 951-894-2801 • www.nimbuswater.com

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SYSTEM SPECIFICATIONS

The Sierra 4-stage reverse osmosis system delivers gallons of clean, clear drinking water. Choose from 36 gpd, 50 gpd, 75 gpd and 100 gpd membrane options. The Sierra features hygienically sealed filter cartridges and color-coded fittings for easy installation and service.

		NS-1N30	NS-1N50	NS-1N75	NS-1N100
Stage 1	Prefilter	20 micron	20 micron	20 micron	20 micron
Stage 2	Prefilter	GAC	GAC	GAC	GAC
Stage 3	RO Membrane	36 gpd	50 gpd	75 gpd	100 gpd
Stage 4	Postfilter	GAC	GAC	GAC	GAC
Dimensions		14.5"H x 12"W x 4.75"D			

FEED WATER REQUIREMENTS

Total Dissolved Solids (TDS)	<2,000 mg/L (ppm)
Feed Temperature	40° F-100° F
Feed Pressure	40-80 psi
Turbidity	<1 NTU
Silt Density Index	<5
pH	4-8
Chlorine	<1.0 mg/L (ppm)

Feed water must be potable. Must be free of potential membrane foulants such as Iron, Hydrogen Sulfide and Manganese.

REPLACEMENT PARTS

When properly maintained, the Sierra system will provide you with years of trouble-free service. The cartridges in this system must be replaced on a regular basis to maintain efficiency and to ensure high water quality. Test your water every 6 months using a digital TDS meter. Consider membrane replacement when the TDS rejection falls below 85%.

	Replacement Interval	NS-1N30	NS-1N50	NS-1N75	NS-1N100
Prefilter	6-12 months	104381	104381	104381	104381
RO Membrane	12 months	104583	104032	104878	104998
Postfilter	6-12 months	104382	104382	104382	104382
Chrome Faucet	As needed	103242			
Nickel Faucet		107197			
2-Gallon Tank		104946			
Digital TDS Meter		100877			

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