

SIERRA

REVERSE OSMOSIS DRINKING WATER SYSTEM



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(858 694-0929)

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Introduction to the Sierra

Congratulations on your purchase of the Nimbus Sierra reverse osmosis system. When properly maintained, this system will provide you with years of trouble-free service.

The next sections contain important information on

Proper care and maintenance. Please take a few minutes to read through this information.

The Nimbus Sierra reverse osmosis system must be serviced on a regular basis to maintain efficiency and to safeguard water quality. Each system is equipped with a pre-filter, a membrane filter, and Post-filter.

These Cartridges work together to remove potential contaminants from your tap water and must be replaced at regular Intervals. The chart below gives a general replacement timetable. For more accurate membrane filter replacement Intervals, the system should be tested for TDS by an authorized Nimbus dealer. Instructions for cartridge

Replace Pre-Filter and Post Filter every 12 months
Replace Membrane every 3-5 years



System Performance

Total Dissolved Solids Reduction 96.4%

Daily production rate 35-50 gpd

Feed Water Requirements

Feed Water Potable*

Feed Pressure (40psi) to (80psi) Feed temperature (33°F) to (100°F)

Total dissolved solids 2,000 mg/L max Chlorine 1.0 mg/L max.

Do not use with water that is microbiologically unsafe.

The feed water must also be free of potential membrane foulants such as manganese, iron and Hydrogen sulfide.

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Cartridge Replacement

1. Close the feed water shut-off valve.
2. Close the tank shut-off valve.
3. Open the dispensing faucet to relieve system pressure. Close dispensing faucet when flow has stopped.
4. Pull the unit from the installed location.
5. Remove the retaining clip from the front of the unit. Pull the cartridge off the unit evenly at top and bottom. Dispose of used cartridge.
6. Install the new cartridge, rocking gently from side to side as necessary until the cartridge tubes are properly engaged in the unit connectors. Install the retaining clip, ensuring the slide locks snap into place in the slots. If The clip does not snap easily into place through the slots it means the cartridge is not fully inserted into the connectors. Press the top or bottom of the cartridge to engage the connector so that it snaps fully into place.
7. Repeat Steps 5 and 6 for each cartridge to be replaced.
8. Turn on feed water shut-off valve and open dispensing faucet.
9. Close dispensing faucet after water starts running.
10. Observe system for any leaks, especially at newly replaced cartridge.
11. Open the tank shut-off valve.
12. If replaced cartridge was a post carbon or a membrane filter, the system should be flushed at least once. Allow tank to fill approximately (30) minutes then open faucet and let drain until water slows to steady drip.

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Warranty

The Sierra Limited Warranty extends to the original purchaser of the system. This warranty covers all parts and factory labor needed to repair any Manufacturer-supplied item that proves to be defective in material, workmanship or factory preparation. The above-mentioned warranty applies for the first full calendar year from date of purchase. These defective items are subject to the following exclusions: membranes, filters, O-rings, and all other parts or components that require regular replacement as a result of ordinary usage.

Disclaimers This Warranty applies only if the system is installed and used in compliance with the instructions enclosed with the system.

The Warranty does not cover any non-standard Sierra parts. This Warranty does not cover the costs of repairs or adjustments to the unit that may be needed because of the use of improper parts, equipment or materials. This Warranty does not cover repairs required due to use of non-standard Sierra parts, unauthorized alterations of the unit, or failure of a unit caused by such alterations or by unauthorized repairs.

The Warranty does not cover malfunctions of the unit due to tampering, misuse, alteration, lack of regular maintenance, misapplication, fouling due to hydrogen sulfide or iron, scaling from excessive hardness, or excessive membrane hydrolysis due to chlorine levels in excess of 1.0 mg/L. In addition, damage to the unit due to fire, accident, negligence, act of God, or events beyond the control of the Manufacturer are not covered by this warranty.

Incidental and Consequential Damages. The Manufacturer does not assume responsibility for payment of incidental and consequential damages as a result of the failure of this unit to comply with express or implied warranties, such as lost time, inconvenience, damage to personal property, loss of revenue, commercial losses, postage, travel, telephone expenditures, or other losses of this nature. Some states do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion may not apply to you.

Owner's Warranty Responsibilities Under the provisions of the Warranty, the owner is expected to schedule maintenance, as described in this Manual. Neglect, improper maintenance, abuse, or unapproved modifications may invalidate the Warranty.

Should your unit develop a defect or otherwise fail to perform in accordance with this warranty, you should contact the dealer from whom the product was originally purchased.

Implied Warranties The implied at-law warranties of merchantability and fitness for a particular purpose shall terminate on the date one year after the date of purchase. Note: some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

Other Rights This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.