

Good Water Warehouse Inc.

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Good Water Warehouse Reverse Osmosis System

NSF 58

Part Number: GOLDLINE-50

Systems Tested and Certified to NSF/ANSI 58

General installation / Operation / Maintenance Requirements

1. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
2. No iron present in feed water to R.O. System
4. Hardness of more than 7 grains may shorten membrane life
5. Manufacturer recommends a TDS test every six months
6. Efficiency rating means the percentage of the influent water to the system that is available to the user as reverse osmosis treated water under operating conditions that approximate typical daily usage.
7. Recovery rating means the percentage of the influent water to the membrane portion of the system that is available to the user as reverse osmosis treated water when the system is operated without a storage tank or when the storage tank is by passed.
8. This system is acceptable for treatment of influent concentrations of no more that 27 mg/L nitrate and 3 mg/L nitrite in combination measured as N and is certified for nitrate/nitrite reduction only for water supplies with a pressure of 40 psi or greater.
9. The Goldline-50 installation should comply with all state and local laws and regulations.
10. This Reverse Osmosis System contains a replaceable treatment component critical for effective reduction of total dissolved solids. The product water shall be tested periodically to verify that the system is performing satisfactorily.
11. See owners manual for manufacturer's limited warranty, installation, operation and maintenance requirements.
12. This system has been tested and shown to operate at its calculated recovery rating, or efficiency rating, or both under standard test conditions. Test parameters: 25°± 1°C, 50 psi and pH of 7.5.
13. Chlorine in the influent water may affect the RO membrane polymers.

This system has been tested according to NSF/ANSI 58 for reduction of substances listed below as verified and substantiated by test data. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 58. Testing was performed under standard laboratory conditions, actual performance may vary.

| Contaminant | Ave. Influent | Ave. Effluent | Ave. % Reduction | US EPA MCL |
|---------------------|---|---------------|------------------|------------|
| * Barium | 10.7 mg/l | .049 mg/l | 99.5 | 2.0 mg/l |
| Cadmium | .0328 mg/l | .0003 mg/l | 99.2 | .005 mg/l |
| Hexavalent Chromium | .1585 mg/l | .0022mg/l | 98.6 | .1 mg/l |
| Trivalent Chromium | .1381 mg/l | .0003 mg/l | 99.8 | .1 mg/l |
| Lead | .1629 mg/l | .0054 mg/l | 96.7 | .010 mg/l |
| Selenium | .0978 mg/l | .0006 mg/l | 99.4 | .05 mg/l |
| Nitrite | 3.2 mg/l | .044 mg/l | 86.3 | 1.0 mg/l |
| Nitrate | 29.7 mg/l | 3.33 mg/l | 88.8 | 10.0 mg/l |
| Fluoride | 7.8 mg/l | .039 mg/l | 95.0 | 1.5 mg/l |
| TDS | 742.9 mg/l | 41 mg/l | 94.8 | 187 mg/l |
| Radium 226/228 | * See Barium Test Data * * Barium is used as a surrogate for Radium testing. | | | |

| | |
|-----------------------------|----------------------|
| Daily Production Rate | 13.4 gpd |
| Recovery rate | 39 % |
| Pressure Drop at Rated Flow | 5 psi |
| System Weight | 30 lbs |
| Efficiency Rating | 21.9 % |
| Min. / Max. Pressure | 30/100 psi |
| Min. / Max. Temperature | 4°/38°c (40°/100° F) |
| Production Storage Capacity | 2.4 gallons |

Test parameters: 25°± 1°C, 50 psi and pH of 7.5

Recommended Replacement of Membrane and Filters

| | | |
|------------------------|----------------|--------------|
| R.O. Membrane | 1204694 | 2 to 5 years |
| Sediment Prefilter | 1227867-V | 6 months |
| Carbon Block Prefilter | 32-250-125-975 | 6 months |
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| Post Carbon Filter | CL10ROT40-B | 6 months |

A performance indicator will monitor the performance of the RO membrane, a critical component for the reduction of the above contaminants

WQA certified for the reduction of:

TDS, Barium, Cadmium, Hexavalent and Trivalent Chromium, Lead, Radium 226/228, Selenium, Fluoride, Nitrite, Nitrate, Copper, Mercury

Refer to owners manual for additional maintenance and warranty information

