

Performance Data Sheet

Spirit 300



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US

**This system has been tested according to NSF/ANSI 58, 372 and CSA B483.1 for reduction of the substance listed below. 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. The substance is:
TDS**

This reverse osmosis system contains replaceable treatment components, critical for the effective reduction of total dissolved solids. It is the user's responsibility to, and the manufacturer strongly recommends that the user, periodically have the product water tested to verify the system is performing properly.

If Spirit 300 filters and membrane elements are not used, health related contaminant reduction claims are invalid.

SPECIFIC CONTAMINANT PERFORMANCE

| Contaminants | Influent (avg. mg/L) | Effluent (ave. mg/L) | Ave. % reduction |
|--------------|-------------------------|-------------------------|---------------------|
| TDS | 740 | 90.7 | 87.7 |

SPECIFIC PERFORMANCE RATING

| | |
|--------------------------|---|
| Product Water Production | 893 Gallons Per Day (3380 Liters Per Day) |
| Average System Recovery | 60.6% |

Average System Recovery is 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 operated as designed (without a pressurized storage tank).

SYSTEM SPECIFICATIONS AND OPERATING PARAMETERS

| Inlet Water Condition | Minimum | Maximum |
|-----------------------|-------------------|------------------|
| Pressure | 22 psi (1.5 bar) | 145 psi (10 bar) |
| Flow | 6 L/min | - |
| TDS | 0 mg/L | 1200 mg/L |
| Conductivity | 0 µS/cm | 1600 µS/cm |
| Temperature | 35.6 °F (2 °C) | 95 °F (35 °C) |
| Hardness | 0 mg/L | 100 mg/L |
| Iron (II) | 0 mg/L | 0.3 mg/L |
| Iron (III) | 0 mg/L | 0.5 mg/L |
| Turbidity | 0 FNU | 0.5 FNU |

Actual system performance will vary depending on varying water temperature and pressure, TDS levels and inlet water chemistry. Operating the system in water conditions outside the minimum or maximum operating parameters may result in reduced system performance and membrane element life.

Warning: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

RO SYSTEM & FILTRATION COMPONENTS

| | | |
|-----------|------------------------------------|--------------|
| Prefilter | Granulated Activated Carbon filter | 919240004 |
| Membrane | High Flow Membrane | 150759380-SP |

Refer to Owner's Manual for electrical requirements, installation instructions and servicing/replace-ment component recommendations.

WARRANTY

Refer to www.bluewatergroup.com/warranty for more information on Limited warranty.

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