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Performance Data Sheet

Model
WUR500

WUR500 has been certified by IAPMO R&T against NSF/ANSI 58 for TDS reduction and NSF/ANSI/CAN 372 for lead-free compliance.

NOTICE

- Installation **MUST COMPLY** with all applicable local plumbing, sanitation, and electrical codes. If local codes differ from the instructions in this manual, local codes shall take precedence.
- It is essential that the manufacturer's recommended maintenance, including filter replacement, be performed for the product to perform as advertised.
- The PCT composite filter cartridge(No.: 30035162) **MUST** be changed every 12 months or sooner.
- The RO membrane(No.: 30035163) **MUST** be changed every 24 months or sooner.
- Before first use and after each filter replacement, the filter cartridge must be flushed as specified in the installation instructions. **Do not drink** the water generated during the flushing process. This process removes trapped air and any loose carbon fines, ensuring optimal water quality and system performance.
- **Do not** use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
- RO system contains a replaceable treatment component, critical for the effective reduction of TDS and that product water shall be tested periodically to verify that the system is performing properly.

Feed Water Operating Parameters

- Pressure*: 50-100 psi (345-689 kPa)
- Temperature: 40-100 ˚F (4-38 ˚C)
- pH: 6.5-8.5
- Max. Hardness: 20 gpg @ 6.9 pH
- Max. TDS: 1,000 ppm
- Max. Chlorine: 2.0 ppm
- Max. Manganese: 0.05 ppm

*This pressure range is the standard laboratory test condition used to obtain NSF/ANSI 58 certification; it is not an installation requirement.
When installing, refer to "1.1 Specification" on page 6 of the WUR500 Installation & Operation Manual.

Performance Claims

Substance	Influent Challenge	Max. Permissible	Average Reduction
Total Dissolved Solids (TDS)	750 ± 40 mg/L	187 mg/L	84.20%

- Daily Production Rate: 537.6 GPD
- Recovery Rate: 57.2%
- This system has been tested and certified according to NSF/ANSI 58 for reduction of the substances in the table. 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 depending on local water conditions, feed water quality, water pressure, and temperature.
- Recovery rating means the percentage of the influent water to the membrane portion of the system that is available to the user as RO treated water when the system is operated without a storage tank or when the storage tank is bypassed.

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