



Whirlpool WHER25 Performance Data Sheet

Reverse osmosis filtration system

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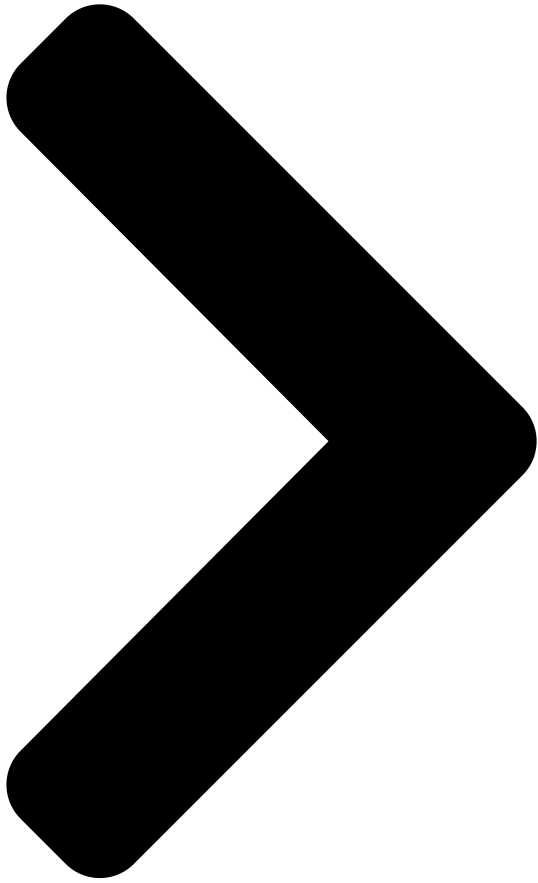
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Enlarged version



Performance Data Sheet

Reverse Osmosis Filter System

Model WHER25

IMPORTANT NOTICE: Read this Performance Data Sheet and compare the capabilities of this unit with your actual water treatment needs. It is recommended that, before purchasing a water treatment unit, you have your water supply tested to determine your actual water treatment needs.

This filter system is designed to be used for the reduction of substances listed below. Do not use where water is microbiologically unsafe or of unknown quality, without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts. This system is acceptable for treatment of influent concentrations

of no more than 27 mg/L nitrate and 3 mg/L nitrite in combination measured as N and are certified for nitrate/nitrite reduction only for water supplies with a pressure of 280 kPa (40 psig) or greater.

This system has been tested for the treatment of water containing pentavalent arsenic (also known as As (V), As (+5), or arsenate) at concentrations of 0.30 mg/L or less. This system reduces pentavalent arsenic, but may not reduce other forms of arsenic. This system shall be used on water supplies containing a detectable free chlorine residual at the system inlet or on water supplies that have been demonstrated to contain only pentavalent arsenic.

(combined chlorine) is not sufficient to ensure complete conversion of trivalent arsenic to pentavalent arsenic. Please see the Arsenic Facts section of the Performance Data Sheet for further information.

While testing was performed under standard laboratory conditions, actual performance of this system may vary based on local water conditions. Some or all of the contaminants reduced by this unit may not be in your water supply. See owner's manual for further instructions on filter replacement, system installation, operating procedures, and warranty. The maintenance instructions must be followed for the product to perform as indicated below.

General Information

This product is an undercounter system that filters and stores quality drinking water ready for use. It contains a carbon sediment filter, RO membrane, and an activated carbon post filter. The faucet indicator monitors the length of time the filter has been installed and will flash amber continuously; indicating the filters and battery need to be replaced. This system has been tested according to NSF/ANSI 58 and 42 for reduction of substances listed below. The concentration of the indicated substances in water entering the systems were reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 58. The testing was performed using spiked chlorinated drinking water with ≤ 1 NTU turbidity, 7.5 ± 0.5 pH, $25 \pm 1^\circ\text{C}$, and $750 \mu\text{S/cm}$ conductivity.

Do not use where water is microbiologically unsafe or with water of unknown quality, except that systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.

Maintenance for arsenic reduction shall only be made on water supplies maintaining detectable residual free chlorine at the reverse osmosis (RO) system inlet. Water systems using an in-line chlorinator should provide a minimum of 1 minute contact time.

Replacement filter prices may vary. For estimated costs of replacement filter elements part number WHERF or replacement membranes part number WHERM please call toll free at 1-866-986-8223.

Application Specifications For Feed Water

Pressure.....40-100 psig (2.8-7.0 kg/cm)
Temperature 40-100°F (5-38°C)
Maximum TDS Level.....2000 mg/L
Maximum Hardness @ 6.9 pH..... 10 gpg
Maximum Iron, Manganese, Hyd. Sulfide0 mg/L
Maximum Chlorine2.0 mg/L
pH Range 4-10

¹ gpg means Grains Per Gallon.

² A carbon prefilter is part of this system to protect the reverse osmosis membrane from deterioration should there be chlorine in the supply water. This reverse osmosis system contains a replaceable treatment component critical for effective reduction of TDS. The product water shall be tested periodically to verify that the system is performing satisfactorily.

Treatment with chloramine

²)
¹ (171 mg/L)
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¹



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7272878 Performance Data Sheet Reverse Osmosis Filter System Model WHER25 IMPORTANT NOTICE: Read this Performance Data Sheet and compare the capabilities of this unit with your actual water treatment needs. It is recommended that, before purchasing a water treatment unit, you have your water supply tested to determine your actual water treatment needs.

[Page 2](#) 800 \pm 10% Tannin 3.0 \pm 10% Zinc 15 \pm 10% Daily Production Rate Model WHER25 – 18.46 gal/day (69.87 liters/day) Efficiency Rating Model WHER25 – 12.22% Recovery Rating Model WHER25 – 22.95 % mg/L means Milligrams Per Liter, which is equivalent to parts per million (PPM).