



Reverse Osmosis Instant Hot Water Dispenser System

MODEL: WD-K6/WD-KJ600

SGS Tested and Certified

Testing performed under NSF/ANSI standards 42 & 53 & 58. This system has been tested according to NSF /ANSI 42 & 53 & 58 for the reduction of substances 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 the water leaving the filter as specified in NSF/ANSI 42 & 53 & 58.

NSF/ANSI Standard 42 – Aesthetic Effects				
Substance	Influent Challenge Concentration	% Reduction	Product Water Concentration	U.S. EPA Level/NSF Maximum Permissible Product Water Concentration
Dissociate Chlorine Residue	1.98 ppm	>99%	<0.01 ppm	≥50%
NSF/ANSI Standard 53&58 – Health Effects Testing				
Substance	Influent Challenge Concentration	% Reduction	Product Water Concentration	U.S. EPA Level/NSF Maximum Permissible Product Water Concentration
Turbidity	11.7 NTU	99%	0.08 NTU	0.5 NTU
Total dissolved solids (TDS)	244 ppm	98%	6 ppm	≥75%
Nitrate (as N)	1.654 ppm	93%	0.123 ppm	10 ppm
Fluoride	5.587 ppm	99%	0.063 ppm	1.5 ppm
Arsenic (As)	0.1151 ppm	99%	0.0014 ppm	0.01 ppm
Cadmium (Cd)	0.0558 ppm	>99%	<0.0002 ppm	0.005 ppm
Chromium-VI	0.517 ppm	>99%	<0.004 ppm	0.1 ppm
Lead (Pb)	0.1113 ppm	>99%	<0.0005 ppm	0.005 ppm
Mercury (Hg)	0.0686 ppm	>99%	<0.0002 ppm	0.002 ppm
Copper (Cu)	1.001 ppm	>99%	<0.0005 ppm	1.3 ppm
Barium (Ba)	1.088 ppm	99%	<0.014 ppm	2 ppm
Selenium (Se)	0.13 ppm	>96%	<0.005 ppm	0.05 ppm
Chlorate (ClO ₃ -)	0.782 ppm	>99%	<0.005 ppm	0.21 ppm
Perfluorooctane Sulfonate (PFOS)	3.26 ppb	>99%	<0.01 ppb	0.07 ppb
Perfluorooctanoic Acid (PFOA)	3 ppb	>99%	<0.01 ppb	0.07 ppb
Microbial Reduction Testing				
Substance	Influent Challenge Concentration	% Reduction	Product Water Concentration	U.S. EPA Level/NSF Maximum Permissible Product Water Concentration
Total Coliforms	9.8×10 ⁵ ppm	>99.999%	<1 CFU/100mL	99.99%