

Waterdrop

X Series Reverse Osmosis Water Filtration System

MODEL: WD-X12/WD-X12-WAB/WD-X12-WCS



System Certified by IAPMO R&T against NSF/ANSI Standard 42&58 for the reduction of the claims specified on the Performance Data Sheet, and to NSF/ANSI 372 for low lead.

Performance Data Sheet

Model	Substance	NSF Specified challenge concentration	Max permissible product water concentration	NSF reduction requirements	Test result
WD-X12/ WD-X12-WAB/ WD-X12-WCS	TDS	750±40 mg/L	187 mg/L	≥75%	94.60%
	Chlorine Taste and Odor	2.0±0.2 mg/L	/	≥50%	98.82%

This system has been tested according to NSF/ANSI 42&58 for reduction of the 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 water leaving the system, as specified in NSF/ANSI 42&58.

Product also tested by SGS & CSA lab for contaminant below.

Test item(s)	Unit(s)	Test method(s)	Test result(s)		*Removal rate(s)%	Requirement(s)
			Influent spiked water	Effluent filtrated water		Maximum effluent concentration (mg/L) NSF/ANSI 58
Mercury (Hg)	mg/L	EPA 200.8	0.0066	<0.0002	>96.96	0.002
Chromium(Hexavalent)	mg/L	EPA 200.8	0.297	<0.001	>99.66	0.1
Chromium(Trivalent)	mg/L	EPA 200.8	0.283	<0.001	>99.64	0.1
Lead (Pb)	mg/L	EPA 200.8	0.1558	<0.0002	>99.87	0.005
Barium (Ba)	mg/L	EPA 200.8	8.828	<0.005	>99.94	2.0
Selenium (Se)	mg/L	EPA 200.8	0.107	<0.001	>99.06	0.05
Copper (Cu)	mg/L	EPA 200.8	2.755	<0.005	>99.81	1.3
Total dissolved solids (TDS)	mg/L	APHA 2540C	792	38	95.20	/

Test item(s)	Unit(s)	Test method(s)	Test result(s)		*Removal rate(s)%	Requirement(s)
			Influent spiked water	Effluent filtrated water		Maximum effluent concentration (mg/L) NSF/ANSI 58
#Nitrate (as N)	mg/L	EPA 300.0	27.400	1.398	94.90	10.0
#Fluoride	mg/L	EPA 300.0	8.016	0.160	98.00	1.5
#Nitrite (as N)	mg/L	EPA 300.0	3.178	0.150	95.28	1.0

Test item(s)	Unit(s)	Test method(s)	Test result(s)		*Removal rate(s)%	Requirement(s)
			Influent spiked water	Effluent filtrated water		Maximum effluent concentration (mg/L) NSF/ANSI 53
#Perfluorooctane Sulfonate (PFOS)	µg/L	EPA 537.1	0.98	<0.01	>98.97	0.00007
#Perfluorooctanoic acid (PFOA)	µg/L	EPA 537.1	0.90	<0.01	>98.88	0.00007

Test item(s)	Unit(s)	Test method(s)	Test result(s)		*Removal rate(s)%	Requirement(s)
			Influent spiked water	Effluent filtrated water		Percent reduction requirement (%) NSF/ANSI 53
#Chloroform	mg/L	EPA Method 524.2	0.2251	<0.0001	>99.95	≥95

Test item(s)	Unit(s)	Test method(s)	Test result(s)		*Removal rate(s)%
			Influent spiked water	Effluent filtrated water	
Total coliforms	CFU/100mL	APHA 9222B	6.6×10 ⁵	<1	>99.99

Manufacturer Technical Support

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Made in China P001
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