

The contaminants or other substances reduced by this water filter are not necessarily in all users' water.

Performance Data Sheet

Model UKF9001AXX-100 using Replacement Cartridge UKF8001

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 Standard 42 and Standard 53.



System tested and certified by NSF International against NSF/ANSI Standard 42 and 53 for the reduction of substances listed below.

Capacity: 100 Gallons (378 Liters)

Contaminant reduction determined by NSF Testing.

Parameter	USEPA MCL	Influent Challenge Concentration	Influent Average	Effluent		% Reduction		Minimum Req'd. Reduction
				Average	Maximum	Average	Minimum	
Chlorine Taste & Odor	-	2.0 mg/L ± 10%	2.00 mg/L	0.050625 mg/L	0.06 mg/L	97.52%	97.00%	>50%
Nominal Particulate**	-	at least 10,000 particles/mL	14,000,000 pts/ml	196,686 pts/ml	370,000 pts/ml	99.00%	97.40%	>85%

Parameter	USEPA MCL	Influent Challenge Concentration	Influent Average	Effluent		% Reduction		Minimum Req'd. Reduction
				Average	Maximum	Average	Minimum	
Turbidity	0.5 NTU ***	11±1 NTU ***	10.5 NTU	0.125 NTU	0.30 NTU	98.80%	97.30%	0.50 NTU
Cysts***	99.95% Reduction	Minimum 50,000 cysts/L	122,500 cysts/L	<1 cysts/L	<1 cysts/L	>99.99%	>99.99%	>99.95%
Asbestos	99% Reduction	10 ⁷ & 10 ⁶ fibers >10 micrometers in length	126.5 MF/L	<0.17 MF/L	<0.17 MF/L	>99.99%	>99.99%	>99%
Lead at pH 8.5	0.010 mg/L	0.015 mg/L ± 10%	0.150 mg/L	<0.001 mg/L	<0.001 mg/L	>99.30%	>99.30%	N/A
Lead at pH 8.5	0.010 mg/L	0.015 mg/L ± 10%	0.150 mg/L	<0.001 mg/L	<0.001 mg/L	>99.30%	>99.30%	N/A
Mercury at pH 6.5	0.002 mg/L	0.006 mg/L ± 10%	0.006 mg/L	0.0003 mg/L	0.0006 mg/L	95.00%	91.70%	N/A
Mercury at pH 8.5	0.002 mg/L	0.006 mg/L ± 10%	0.006 mg/L	0.00073 mg/L	0.0018 mg/L	88.10%	69.20%	N/A
Atrazine	0.003 mg/L	0.009 mg/L ± 10%	0.0102 mg/L	0.00105 mg/L	0.0027 mg/L	89.40%	78.30%	N/A
Benzene	0.005 mg/L	0.015 mg/L ± 10%	0.0133 mg/L	0.0005 mg/L	0.0005 mg/L	96.30%	95.10%	N/A
Carbofuran	0.04 mg/L	0.080 mg/L ± 10%	0.0753 mg/L	0.008 mg/L	0.027 mg/L	73.45%	64.60%	N/A
p-dichlorobenzene	0.075 mg/L	0.225 mg/L ± 10%	0.21 mg/L	<0.0005 mg/L	<0.0005 mg/L	>99.80%	>99.80%	N/A
Lindane	0.0002 mg/L	0.002 mg/L ± 10%	0.0019 mg/L	0.000035 mg/L	0.00016 mg/L	97.90%	91.80%	N/A
Toxaphene	0.003 mg/L	0.015 mg/L ± 10%	0.015 mg/L	<0.001 mg/L	<0.001 mg/L	>93.3%	>93.3%	N/A
Tetrachloroethylene	0.005 mg/L	0.015 mg/L ± 10%	0.015 mg/L	<0.0005 mg/L	<0.0005 mg/L	>96.6%	>96.6%	N/A
o-dichlorobenzene	0.6 mg/L	1.8 mg/L ± 10%	1.7 mg/L	<0.5 mg/L	<0.5 mg/L	>99.9%	>99.9%	N/A
Ethylbenzene	0.7 mg/L	2.1 mg/L ± 10%	2.2 mg/L	0.11 mg/L	0.0048 mg/L	99.90%	99.80%	N/A
Chlorobenzene	0.1 mg/L	2.0 mg/L ± 10%	2.0 mg/L	0.0008 mg/L	0.0038 mg/L	99.90%	99.80%	N/A
Endrin	0.002 mg/L	0.006 mg/L ± 10%	0.007 mg/L	0.0002 mg/L	0.0004 mg/L	96.80%	94.30%	N/A
MTBE	0.005 mg/L	0.015 mg/L ± 10%	0.015 mg/L	0.001 mg/L	0.0026 mg/L	93.80%	83.00%	N/A
VOC	0.015 mg/L	0.3 mg/L ± 10%	0.300 mg/L	<0.0005 mg/L	<0.0005 mg/L	99.80%	99.80%	N/A

* Tested using a flow rate of 0.75 gpm; pressure of 60 psig; pH of 7.5 ± 0.5; temp. of 60° ± 3°F (20° ± 3°C)

** Measurement in Particles/mL. Particles used were 0.5 - 1 micron

*** NTU: Nephelometric Turbidity Units

**** Based on the use of Cryptosporidium parvum oocysts

Operating Specifications	
Maximum Service Flow:	0.55 gpm (2.06 lpm)
Water Pressure:	35 - 120 psi (241-827 kPa)
Water Temperature:	39 - 100°F (3.6-38°C)
Water Supply:	Potable Water

It is essential that the manufacturer's recommended installation, maintenance and filter replacement requirements be carried out for the product to perform as advertised. See Use & Care Guide for Warranty information.

Note: While testing was performed under standard laboratory conditions, actual performance may vary.

Performance Data Sheet

Model UKF8001AXX-200 using Replacement Cartridge UKF8001

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 Standard 42 and Standard 53.



System tested and certified by NSF International against NSF/ANSI Standard 42 and 53 for the reduction of substances listed below.

Capacity: 200 Gallons (757 Liters)

Contaminant reduction determined by NSF Testing.

Parameter	USEPA MCL	Influent Challenge Concentration	Influent Average	Effluent		% Reduction		Minimum Req'd. Reduction
				Average	Maximum	Average	Minimum	
Chlorine Taste & Odor	-	2.0 mg/L ± 10%	2.00 mg/L	0.050625 mg/L	0.06 mg/L	97.52%	97.00%	>50%
Nominal Particulate**	-	at least 10,000 particles/mL	14,000,000 pts/ml	196,686 pts/ml	370,000 pts/ml	99.00%	97.40%	>85%

Parameter	USEPA MCL	Influent Challenge Concentration	Influent Average	Effluent		% Reduction		Minimum Req'd. Reduction
				Average	Maximum	Average	Minimum	
Turbidity	0.5 NTU ***	11±1 NTU ***	10.5 NTU	0.125 NTU	0.30 NTU	98.80%	97.30%	0.5 NTU
Cysts***	99.95% Reduction	Minimum 50,000 cysts/L	122,500 cysts/L	<1 cysts/L	<1 cysts/L	>99.99%	>99.99%	>99.95%
Asbestos	99% Reduction	10 ⁷ & 10 ⁶ fibers >10 micrometers in length	126.5 MF/L	<0.17 MF/L	<0.17 MF/L	>99.99%	>99.99%	>99%
Lead at pH 6.5	0.010 mg/L	0.015 mg/L ± 10%	0.150 mg/L	<0.001 mg/L	<0.001 mg/L	>99.30%	>99.30%	N/A
Lead at pH 8.5	0.010 mg/L	0.015 mg/L ± 10%	0.150 mg/L	<0.001 mg/L	<0.001 mg/L	>99.30%	>99.30%	N/A
Mercury at pH 6.5	0.002 mg/L	0.006 mg/L ± 10%	0.006 mg/L	0.0003 mg/L	0.0006 mg/L	95.00%	91.70%	N/A
Mercury at pH 8.5	0.002 mg/L	0.006 mg/L ± 10%	0.006 mg/L	0.00073 mg/L	0.0018 mg/L	88.10%	69.20%	N/A
Atrazine	0.003 mg/L	0.009 mg/L ± 10%	0.0102 mg/L	0.00105 mg/L	0.0027 mg/L	89.40%	78.30%	N/A
Benzene	0.005 mg/L	0.015 mg/L ± 10%	0.0133 mg/L	0.0005 mg/L	0.0005 mg/L	96.30%	95.10%	N/A
Carbofuran	0.04 mg/L	0.080 mg/L ± 10%	0.0753 mg/L	0.008 mg/L	0.027 mg/L	73.45%	64.60%	N/A
p-dichlorobenzene	0.075 mg/L	0.225 mg/L ± 10%	0.210 mg/L	<0.0005 mg/L	<0.0005 mg/L	>99.80%	>99.80%	N/A
Lindane	0.0002 mg/L	0.002 mg/L ± 10%	0.0019 mg/L	0.000035 mg/L	0.00016 mg/L	97.90%	91.80%	N/A
Toxaphene	0.003 mg/L	0.015 mg/L ± 10%	0.015 mg/L	<0.001 mg/L	<0.001 mg/L	>93.3%	>93.3%	N/A
Tetrachloroethylene	0.005 mg/L	0.015 mg/L ± 10%	0.015 mg/L	<0.0005 mg/L	<0.0005 mg/L	>96.6%	>96.6%	N/A
o-dichlorobenzene	0.6 mg/L	1.8 mg/L ± 10%	1.7 mg/L	<0.5 mg/L	<0.5 mg/L	>99.9%	>99.9%	N/A
Ethylbenzene	0.7 mg/L	2.1 mg/L ± 10%	2.2 mg/L	0.11 mg/L	0.0048 mg/L	99.90%	99.80%	N/A
Chlorobenzene	0.1 mg/L	2.0 mg/L ± 10%	2.0 mg/L	0.0008 mg/L	0.0038 mg/L	99.90%	99.80%	N/A
Endrin	0.002 mg/L	0.006 mg/L ± 10%	0.007 mg/L	0.0002 mg/L	0.0004 mg/L	96.80%	94.30%	N/A
P.A.D.	0.07 mg/L	0.210 mg/L ± 10%	0.209 mg/L	0.03 mg/L	0.07 mg/L	84.9%	66.67%	N/A

* Tested using a flow rate of 0.75 gpm; pressure of 60 psig; pH of 7.5 ± 0.5; temp. of 60° ± 3°F (20° ± 3°C)

** Measurement in Particles/mL. Particles used were 0.5 - 1 micron

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