

Water Filtration System
Replacement Cartridge UKF8001 for System Models UKF8001AXX-750 and 67003523-750
Capacity 750 Gallons (2,839 Liters)



System tested and certified by NSF International against NSF/ANSI Standard 42 for the reduction of Chlorine Taste and Odor, and Particulate Class I*, and against NSF/ANSI Standard 53 for the reduction of Lead, Mercury, Atrazine, Benzene, p-Dichlorobenzene, Carbofuran, Toxaphene, Cysts, Asbestos, Tetrachloroethylene, Turbidity and Lindane

This system has been tested according to NSF/ANSI Standards 42 and 53 for the 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 Standards 42 and 53.

Substance Reduction	NSF Reduction Requirements	Average Influent	Required Influent Challenge Concentration	Maximum Effluent	Minimum % Reduction	Average % Reduction
Chlorine Taste/Odor	50% reduction	2.0 mg/L	2.0mg/L ± 10%	0.06 mg/L	97	97.52
Particulates Class I [†]	85% reduction	14,000,000 #/mL	At least 10,000 particles/mL	370,000 #/mL**	97.4	99
Contaminant Reduction	NSF Reduction Requirements	Average Influent	Required Influent Challenge Concentration	Maximum Effluent	Minimum % Reduction	Average Reduction
Live Cysts [†]	99.95%	122,500 #/L	≥50,000/L min.	54/L [†]	99.97	99.99
Turbidity	0.5 NTU	10.5 NTU	11 ± 1 NTU	0.30 NTU	97.3	98.8
Asbestos	99%	126.5 MFL	10 ⁷ to 10 ⁸ fibers/L ^{††}	ND (0.17) MFL	>99.99	>99.99
Atrazine	0.003 mg/L	0.0102 mg/L	0.009 mg/L ± 10%	0.0027 mg/L	76.3	89.4
Lead: @ pH 6.5	0.010 mg/L	0.150 mg/L	0.15 mg/L ± 10%	<0.001mg/L	>99.3	>99.3
Lead: @ pH 8.5	0.010 mg/L	0.150 mg/L	0.15 mg/L ± 10%	<0.005 mg/L	>99.3	>99.3
Mercury: @ pH 6.5	0.002 mg/L	0.006 mg/L	0.006 mg/L ± 10%	0.0005 mg/L	91.7	95
Mercury: @ pH 8.5	0.002 mg/L	0.0059 mg/L	0.006 mg/L ± 10%	0.0018 mg/L	69.2	88.1
Lindane	0.0002 mg/L	0.0019 mg/L	0.002 mg/L ± 10%	<0.00016 mg/L	91.8	97.9
Toxaphene	0.003 mg/L	0.015 mg/L	0.015 mg/L ± 10%	<1 µg/L	93.3	93.3
Benzene	0.005 mg/L	0.0133 mg/L	0.015 mg/L ± 10%	0.0005 mg/L	96.1	96.3
p-Dichlorobenzene	0.075 mg/L	0.0133 mg/L	0.015 mg/L ± 10%	0.0005 mg/L	>99.8	>99.8
Carbofuran	0.04 mg/L	0.0753 mg/L	0.08 mg/L ± 10%	0.027 mg/L	64.6	73.45
Tetrachloroethylene	0.005 mg/L	0.015 mg/L	0.015 mg/L ± 10%	<0.0005 mg/L	>96.6	>96.6

Test Parameters: pH = 7.5 ± 0.5 unless otherwise noted. Flow = 0.78 gpm (2.9 Lpm). Pressure = 60 psig (413.7 kPa). Temp. = 68°F ± 5 (20°C ± 3°C). Rated service capacity = 750 gallons (2,839 Liters)

*Class I particulate size: >0.5 to <1 µm

**Test requirement is at least 100,000 particles/mL of AC Fine Test Dust

†Based on the use of *Cryptosporidium parvum* oocysts

††Fibers greater than 10 µm in length

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Water Treatment Device
Certificate Number
03- 1583

Date Issued: September 16, 2008

Date Revised: April 22, 2009

Trademark/Model Designation

UKF8001AXX-750

46 9006-750

67003523-750

Replacement Elements

UKF8001

46 9006

UKF8001

Manufacturer: Cuno Inc.

The water treatment device(s) listed on this certificate have met the testing requirements pursuant to Section 116830 of the Health and Safety Code for the following health related contaminants:

Microbiological Contaminants and Turbidity

Cysts

Turbidity

Inorganic/Radiological Contaminants

Asbestos

Lead

Mercury

Organic Contaminants

Atrazine

Lindane

Benzene

Carbofuran

p-dichlorobenzene

Toxaphene

Tetrachloroethylene

Rated Service Capacity: 750 gal.

Rated Service Flow: 0.78 gpm

Conditions of Certification:

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.

Water Filtration System

Replacement Cartridge UKF8001 for System Model UKF8001AXX-200 Capacity 200 Gallons (757 Liters)



System tested and certified by NSF International against NSF/ANSI Standard 42 for the reduction of Chlorine Taste and Odor, and Particulate Class I*, and against NSF/ANSI Standard 53 for the reduction of Lead, Mercury, Atrazine, Benzene, p-Dichlorobenzene, Carbofuran, Toxaphene, Cysts, Asbestos, Tetrachloroethylene, O-Dichlorobenzene, Ethylbenzene, Chlorobenzene, Endrin, Turbidity, 2, 4-D and Lindane.

This system has been tested according to NSF/ANSI Standards 42 and 53 for the 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 Standards 42 and 53.

Substance Reduction	NSF Reduction Requirements	Average Influent	Required Influent Challenge Concentration	Maximum Effluent	Minimum % Reduction	Average % Reduction
Chlorine Taste/Odor Particulates Class I [†]	50% reduction 85% reduction	2.0 mg/L 14,000,000 #/mL	2.0mg/L ± 10% At least 10,000 particles/mL	0.06 mg/L 370,000 #/mL**	97 97.4	97.52 99
Contaminant Reduction	NSF Reduction Requirements	Average Influent	Required Influent Challenge Concentration	Maximum Effluent	Minimum % Reduction	Average % Reduction
Live Cysts [†]	99.95%	122,500 #/L	≥50,000/L min.	54/L [†]	>99.99	>99.99
Turbidity	0.5 NTU	10.5 NTU	11 ± 1 NTU	0.30 NTU	97.3	98.8
Asbestos	99%	126.5 MFL	10 ⁷ to 10 ⁸ fiber/L ^{††}	ND (0.17) MFL	>99.99	>99.99
Atrazine	0.003 mg/L	0.0102 mg/L	0.009 mg/L ± 10%	0.0027 mg/L	76.3	89.4
Lead: @ pH 6.5	0.010 mg/L	0.150 mg/L	0.15 mg/L ± 10%	<0.001mg/L	>99.3	>99.3
Lead: @ pH 8.5	0.010 mg/L	0.150 mg/L	0.15 mg/L ± 10%	<0.001 mg/L	>99.3	>99.3
Mercury: @ pH 6.5	0.002 mg/L	0.006 mg/L	0.006 mg/L ± 10%	0.0005 mg/L	91.7	95
Mercury: @ pH 8.5	0.002 mg/L	0.0059 mg/L	0.006 mg/L ± 10%	0.0018 mg/L	69.2	88.1
Lindane	0.0002 mg/L	0.0019 mg/L	0.002 mg/L ± 10%	<0.00016 mg/L	91.8	97.9
Toxaphene	0.003 mg/L	0.015 mg/L	0.015 mg/L ± 10%	<1 µg/L	93.3	93.3
Benzene	0.005 mg/L	0.0133 mg/L	0.015 mg/L ± 10%	0.0005 mg/L	96.1	96.3
p-Dichlorobenzene	0.075 mg/L	0.21 mg/L	0.015 mg/L ± 10%	<0.0005 mg/L	>99.8	>99.8
Carbofuran	0.04 mg/L	0.0753 mg/L	0.08 mg/L ± 10%	0.027 mg/L	64.6	73.45
Tetrachloroethylene	0.005 mg/L	0.015 mg/L	0.015 mg/L ± 10%	<0.0005 mg/L	>96.6	>96.6
O-Dichlorobenzene	0.6 mg/L	1.7 mg/L	1.8 mg/L ± 10%	<0.5 mg/L	>99.9	>99.9
Ethylbenzene	0.7 mg/L	2.2 mg/L	2.1 mg/L ± 10%	0.0048 mg/L	99.8	99.9
Chlorobenzene	0.1 mg/L	2.0 mg/L	2.0 mg/L ± 10%	0.0038 mg/L	99.8	99.9
Endrin	0.002 mg/L	0.007 mg/L	0.006 mg/L ± 10%	0.0004 mg/L	94.3	96.8
2, 4-D	0.07 mg/L	0.209 mg/L	0.209 mg/L ± 10%	0.07 mg/L	66.67	84.9

Test Parameters: pH = 7.5 ± 0.5 unless otherwise noted. Flow = 0.78 gpm (2.9 Lpm). Pressure = 60 psig (413.7 kPa). Temp. = 68°F ± 5 (20°C ± 3°C). Rated service capacity = 750 gallons (2,839 Liters)

*Class I particulate size: >0.5 to <1 µm

**Test requirement is at least 100,000 particles/mL of AC Fine Test Dust

†Based on the use of *Cryptosporidium parvum* oocysts

††Fibers greater than 10 µm in length

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State of California
Department of Public Health

Water Treatment Device
Certificate Number
09-1979

Date Issued: May 8, 2009

Date Revised: 6/22/2010

<u>Trademark/Model Designation</u>	<u>Replacement Elements</u>
UKF8001AXX-200	UKF8001
Kenmore 46 9006-200	46 9006

Manufacturer: 3M Purification

The water treatment device(s) listed on this certificate have met the testing requirements pursuant to Section 116830 of the Health and Safety Code for the following health related contaminants:

Microbiological Contaminants and Turbidity

Cysts
Turbidity

Organic Contaminants

Atrazine
Benzene
Carbofuran
Chlorobenzene
Endrin
Ethylbenzene
Lindane

Inorganic/Radiological Contaminants

Asbestos
Lead
Mercury

More Organic Contaminants

o-dichlorobenzene
p-dichlorobenzene
Tetrachloroethylene
Toxaphene
2,4-D

Rated Service Capacity: 200 gal

Rated Service Flow: 0.55 gpm

Conditions of Certification:

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.