

Amana®

Clean 'n clear™

Refrigerator Water Filtration System Model WF40
Replacement Cartridge - Part No. 12527304
Installation and Operating Instructions

Printed in U.S.A.
Part No. 12416405S

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Amana, Iowa 52204



For replacement ordering or complete information contact us
on the Web: <http://www.amana.com>

Troubleshooting

- Cloudy or colored water.
Cloudy appearance in treated water is caused by air bubbles trapped in water. This does not affect cartridge performance and will disappear with use.
- Flakes in cold water or ice.
Concentrations of minerals in water will form particles when water becomes frozen and melts. Particles are not harmful.
- Slow water flow rate.
Cartridge has reached its capacity. Replace cartridge.
- Low water pressure.
Confirm water pressure at unit without filter installed is a minimum of at least 35 pounds per square inch (244 kilopascals). Correct water pressure.
- Unusual taste.
Cartridge has reached its capacity. Replace cartridge.
- Black particles in ice cubes.
Initial water ejected through cartridge may contain black particles of harmless carbon dust flushed from cartridge. Particles are safe for consumption. Ice can be discarded.

Replacing Cartridge

Cartridge needs to be replaced after 300 gallons (1,135 liters) of water or six (6) months of use, whichever comes first. Local water quality may affect rated life of filter.

- Amana® Replacement Refrigerator Filter Cartridges are available through Amana® dealers and servicers. If you have any questions, please call Amana® Consumer Affairs 1-877-232-6771 (inside USA) and 1-319-622-8020 (outside USA) for information or contact us on the Web: <http://www.amana.com>.

1. Put "Replacement Month" sticker on filtration cartridge, where it is convenient to read.
2. Put "Reminder Sticker" on your calendar.
- 3a. Turn old cartridge counter-clockwise until cartridge stops.
- 3b. If installing cartridge on a new refrigerator you must first remove the bypass cartridge which is installed for testing and shipping.
4. Pull old cartridge down and discard.

5. Inspect O-Rings on head for visible damage or wear. Replace with Part No. R0000032 if necessary.
6. Push new cartridge into head.
7. Turn cartridge clockwise until cartridge stops. If front label is not facing towards you; remove and turn 180°, reinstall. See illustration.
8. Discard first 3 batches of ice after replacing cartridge and flush through water dispenser for at least three minutes.

Notice: Regarding Filter Bypass Cartridge

The bypass cartridge which is installed on the water filter head during product testing and shipping is not intended for long term use. It should only be used for short periods of time if you do not have a replacement cartridge available when filter change is required. **REMEMBER** - while using the bypass cartridge your water is **NOT** being filtered. To prevent this situation from occurring order a new filter to have on hand each time you install your last replacement filter. **See filter performance data sheet on inside of manual.**



Service Chart

Install Month	Replacement Month
Jan	Jun
Feb	Jul
Mar	Aug
Apr	Sep
May	Oct
Jun	Nov
Jul	Dec
Aug	Jan
Sep	Feb
Oct	Mar
Nov	Apr
Dec	May

Caution
Do not use water filtration system if cartridge has been allowed to freeze. Replace cartridge, if system has not been used for several months, and water has an unpleasant taste or odor after several minutes of flushing. Replace cartridge.

Replace every six (6) months or 300 Gallons/1,135 Liters whichever comes first.

System Specification and Performance Data Sheet

Refrigerator Water Filtration System Model WF40 Utilizing Replacement Cartridge - Part No. 12527304

Service Flow Rate (Maximum) 0.5 GPM/(1.89 LPM)
 Rated Service Life (Maximum) 300 Gallons
 Water Supply Municipally Treated or Well
General Use Conditions: Read this Performance Data Sheet and compare the capabilities of this unit with your actual water treatment needs.
Do not use this product where water is unsafe or of unknown quality without adequate disinfection before or after the filter. This device will remove cysts such as Cryptosporidium and Giardia from water supply.

The Amana® Clean 'n Clear® Refrigerator Water Filtration System uses replacement cartridge number 12527304 and must be replaced once every six (6) months or every 300 gallons, whichever comes first. The approximate retail cost of the replacement cartridge is \$40.00. The Maximum Operating Temperature is 100°F/38°C. The Minimum Operating Temperature is 33°F/0.5°C. **Note:** This device should only be installed on the cold water supply. The Maximum Operating Pressure is 120 PSI or 8.44 KG/CM² (827 kPa). The Minimum Operating Pressure is 35 PSI or 2.46 KG/CM² (244 kilopascals).
 Timely cartridge replacement is essential for performance satisfaction from this filtration system. Please refer to the Installation and Operating Instructions for general operation, maintenance requirements and troubleshooting, located on front side of this sheet.

This system has been tested according to NSF/ANSI 42/53 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 42/53.* (100% safety factors built in for unretreated usage.)

Parameter	USEPA MCL	Influent Challenge Concentration	Standard No. 42: Aesthetic Effects		% Reduction		Min. Required Reduction
			Average Effluent	Maximum Effluent	Average	Minimum	
Chlorine Taste & Odor	---	2.0 mg/L ± 10%	0.02 ppm	0.05 ppm	97.66%	97.62%	≥50%
Particulate**	---	at least 10,000 particles/mL	3,978	7,800	97.88%	95.10%	≥85%

Parameter	USEPA MCL	Influent Challenge Concentration	Standard No. 53: Health Effects		% Reduction		Min. Required Reduction
			Average Effluent	Maximum Effluent	Average	Minimum	
Turbidity	1 NTU***	11±1 NTU***	0.07 NTU	0.1 NTU	98.58%	96.10%	0.5 NTU
Cysts	99.95% Reduction	Minimum 50,000/L	26	55	98.99%	99.99%	→99.95%
Lead at pH 6.5	15 ppb	0.15mg/L ± 10%	1 ppb	1 ppb	99.37%	99.37%	0.010 mg/L
Lead at pH 8.5	15 ppb	0.15mg/L ± 10%	1.8 ppb	4.3 ppb	96.8%	87.13%	0.010 mg/L
Lindane	0.0002 ppm	0.002mg/L ± 10%	0.00005 ppm	0.00005 ppm	91.93%	91.93%	0.0002 mg/L
Atrazine	0.003 ppm	0.009mg/L ± 10%	0.002 ppm	0.003 ppm	76.19%	64.26%	0.003 mg/L
2,4-D	0.100 ppm	0.210mg/L ± 10%	0.042 ppm	0.080 ppm	84.88%	62.63%	0.07 mg/L
Asbestos	99%	10 ⁷ to 10 ⁸ fibers/L; fibers greater than 10 micrometers in length	0.32 MFL/ml	1.2 MFL/ml	99.61%	99.72%	39%

* Tested using a flow rate of 0.5 gpm; pressure of 60 psig; pH of 7.5 ± 0.5; temp. of 20° ± 3.5°
 ** Measurement in Particles/mL. Particles used were 0.5-1 microns
 *** NTU=Nephelometric Turbidity units

State of California
 Department of Health Services
Water Treatment Device
 Certificate Number
 00 - 1423
 Date Issued: March 14, 2001
 Date Renewed: November 28, 2001



Tested and Certified by NSF International for:

- NSF/ANSI Standard No. 53
 - Cyst Reduction
 - Turbidity Reduction
 - Asbestos Reduction
- Chemical Reduction Unit
 - Lead Reduction
 - Atrazine Reduction
 - Lindane Reduction
 - 2, 4-D Reduction
- NSF/ANSI Standard No. 42
 - Aesthetic Effects
 - Chlorine Taste & Odor Reduction
- Mechanical Filtration Unit
 - Particulate Reduction Class I

The contaminants or other substances removed or reduced by this water filter are not necessarily in all water. Claims are calculated based on NSF accepted practice of average percent reduction.

System and installation must comply with applicable state and local regulations.

Do not use with water that 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 waters that may contain filterable cysts.

Tests were run at 0.5 gpm at 60 psi at a temperature of 68°F ± 5°F at a pH of 7.5 ± 0.5 for cyst and turbidity and pH of 6.5 ± 0.25 and 8.5 ± 0.25 for Lead.

Trademark/Model Designation Replacement Element
 Amana WF-40
 Kenmore #6901a
Manufacturer: Cuno Incorporated

The water treatment device(s) listed on this certificate have met the testing requirements pursuant to Section 118039 of the Health and Safety Code for the following health related contaminants:

Microbiological Contaminants and Turbidity	Inorganic Radicals and Contaminants
Cysts (ppm/200L)	Chlorine
Turbidity	Lead
Organic Contaminants	
Atrazine	
Lindane	
2,4-D	

NSF is the internationally recognized not for profit agency for the certification of water filters. Products with the NSF mark are certified to pass a series of stringent independent tests.



3130 Lexington Ave.
 Eagan, Minnesota 55121-0289
 Literature Part # 102053A

Protected under US 5,753,107 and 6,027,644.
 Other Patents Pending

Rated Service Capacity: 300 gallons **Rated Service Flow:** 0.5 gpm
Conditions of Certification:
 Do not use where water is microbiologically unsafe or with water of unknown quality, except that systems certified cyst reduction may be used on water containing cysts.