

SAMSUNG

Ice & Refrigerator Water Filter

HAF-CIN3/EXP

(NSF T/N : DA97-08006N-3, Replacement Cartridge No. : DA29-00020B, DA63-09710A)



Manufactured for Samsung Electronics by ; **Microfilter Co., Ltd.**

15-1, Gwinong 3-gil, Deoksan-Eup, Jinchoen-Gun, ChungcheongBuk-do, 27856, KOREA

Tel. : +82-43-531-7026

Made in Korea

Ver. 1



APPLICATIONS

Ice & Water Refrigerator Filter
(Ice makers / Drink water)

OPERATION

Capacity : 600 gallons (2,271L)
Working Pressure : 30-125psi (2.1-8.7kg_f/cm²)
Water Temperature : 34 -100°F (1-38 °C)
Flow Rate : 0.5GPM (1.89LPM) at 60psi
Media Filtration : nominal 0.5microns
Usage Life : 12months
Function : Chemical / Mechanical Reduction

FEATURES · BENEFITS

Reduces machine maintenance, service costs and downtime caused by pollutant buildup which can result in the clogging of distribution lines, malfunction of probes, floats, pumps, solenoids and valves, and higher energy consumption.

Sanitary cartridge replacement is simple, quick and clean; internal filter parts are never exposed to handling or contamination. Effectively filters dirt and particles as small as under the 0.5 micron in size by mechanical means. Extrusion Carbon Block media for superior dust-holding capability NSF/ANSI Std. 53 certified to reduce cysts such as Cryptosporidium and Giardia by mechanical means.

Filter cartridge for premium quality water.



NSF System Trade Name : DA97-08006N-3, NSF Replacement Cartridge No : DA29-00020B, DA63-09710A

System tested and certified by NSF International against NSF/ANSI Standards 42/53/401 in Model DA97-08006N-3 for reduction of claims specified on the Performance Data Sheet.

Systems certified for cyst reduction may be used on disinfected water that may contain filterable cyst. NSF/ANSI Standard 53 certified to reduce Cyst by mechanical means.

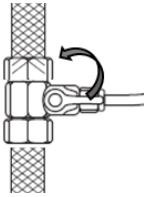
• EPA Est No. 94813-KOR-1

PERFORMANCE DATA SHEET (NSF Certification)

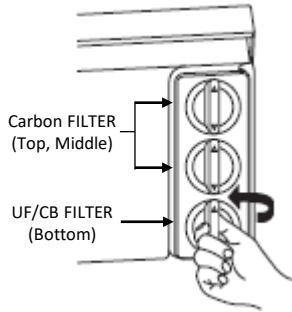
Substance	Influent Challenge Concentration	Average Reduction	Reduction requirement	Max Permissible Product Water Concentration
Chlorine Taste and Odor	2mg/L $\pm$ 10%	97.5%	$\geq$ 50%	N/A
Nominal Particulate Class I >0.5 μ m to 1 μ m	At least 10,000 particles/ml	99.7%	$\geq$ 85%	N/A
2,4-D	0.21mg/L $\pm$ 10%	98.7%	N/A	0.07mg/L
Atrazine	0.009mg/L $\pm$ 10%	> 94.8%	N/A	0.003mg/L
Cyst	Min. 50,000 cyst/L	>99.99%	$\geq$ 99.95%	N/A
Mercury pH 6.5	0.006mg/L $\pm$ 10%	96.6%	N/A	0.002mg/L
Mercury pH 8.5	0.006mg/L $\pm$ 10%	95.9%	N/A	0.002mg/L
Asbestos	10 ⁷ to 10 ⁸ fibers/L; fibers greater than 10 μ m in length	> 99%	99%	N/A
Benzene	0.015mg/L $\pm$ 10%	> 97.0%	N/A	0.005mg/L
Lead pH 6.5	0.15mg/L $\pm$ 10%	99.3%	N/A	0.01mg/L
Lead pH 8.5	0.15mg/L $\pm$ 10%	> 99.3%	N/A	0.01mg/L
P-Dichlorobenzene	0.225mg/L $\pm$ 10%	> 99.8%	N/A	0.075mg/L
Toxaphene	0.015mg/L $\pm$ 10%	> 93.8%	N/A	0.003mg/L
Turbidity	11 $\pm$ 1 NTU	99.1%	N/A	0.5 NTU
Lindane	0.002mg/L $\pm$ 10%	> 99.1%	N/A	0.0002mg/L
Carbofuran	0.08mg/L $\pm$ 10%	98.7%	N/A	0.04mg/L
Tetrachloroethylene	0.015mg/L $\pm$ 10%	>96.6%	N/A	0.005mg/L
O-Dichlorobenzene	1.8mg/L $\pm$ 10%	> 99.9%	N/A	0.6mg/L
Ethylbenzene	2.1mg/L $\pm$ 10%	> 99.9%	N/A	0.7mg/L
Chlorobenzene	2.0mg/L $\pm$ 10%	> 99.9%	N/A	0.1mg/L
Endrin	0.006mg/L $\pm$ 10%	> 96.7%	N/A	0.002mg/L
Meprobamate	400ng $\pm$ 20%	>94.8%	N/A	60ng/L
Atenolol	200ng $\pm$ 20%	>95.1%	N/A	30ng/L
Carbamazepine	1,400ng $\pm$ 20%	>98.6%	N/A	200ng/L
DEET	1,400ng $\pm$ 20%	>98.7%	N/A	200ng/L
Metolachlor	1,400ng $\pm$ 20%	>98.7%	N/A	200ng/L
Trimethoprim	140ng $\pm$ 20%	>96.5%	N/A	20ng/L
Linuron	140ng $\pm$ 20%	> 96.5%	N/A	20ng/L
TCEP	5,000ng $\pm$ 20%	>97.9%	N/A	700ng/L
TCP	5,000ng $\pm$ 20%	>98.0%	N/A	700ng/L
Phenytoin	200ng $\pm$ 20%	>95.8%	N/A	30ng/L
Naproxen	140ng $\pm$ 20%	>96.8%	N/A	20ng/L
Estrone	140ng $\pm$ 20%	>96.8%	N/A	20ng/L
Bisphenol A	2,000ng $\pm$ 20%	>99.1%	N/A	300ng/L
Nonyl phenol	1,400ng $\pm$ 20%	>96.5%	N/A	200ng/L

- While testing was performed under standard laboratory conditions, actual performance may vary depending on your usage conditions.
- Do not use with water that is microbiological unsafe or of unknown quality, Operating Specifications without adequate disinfection before or after the system.
- The system(s) conform(s) to NSF/ANSI 42&53 for the specific performance claims as verified and substantiated by test data.
- 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.

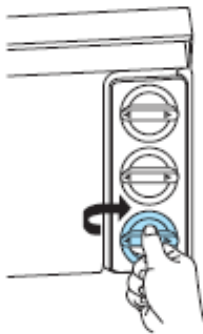
INSTALLATION INSTRUCTIONS



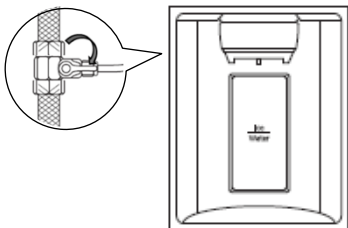
- ① If you shut off the main water supply valve to the refrigerator, you can easily replace the filter cartridge.



- ② Hold the filter knob and turn the cartridge 1/4 turn to the left. (in the order of the bottom, middle and top filters.)
(Due to impurities in the water, you may not be able to remove cartridge. Then hold the filter knob strongly and turn the cartridge 1/4 turn to the left. Also, If you remove the three filters in the order of bottom, middle and top, you can reduce the water flowing out while replacing.)



- ③ Hold the filter knobs in the order of top, middle, and bottom, then screw them to the right.
 - a) 2 carbon filters must be installed at the top and middle.
 - b) UF/CB multiple filter must be mounted at the bottom.
 - c) If it is hard to install filter cartridge due to high water pressure, please shut off the main water supply valve to the refrigerator first and replace the cartridge.
 - d) Align unlabeled side of filter with the indicator line so that it can be inserted into the filter cover.
Turn the cartridge 1/4 turn to the right to lock it into place. You will feel a stop and the locked symbol should now be lined up with the indicator line.



- ④ Open the valve connected to the sink and drain the water through the dispenser for about 10L (5-6 minutes).
- ⑤ Open the refrigerator door and check that there are no leaks from the filter compartment.

WARNING AND CAUTION

To reduce the risk associated with property damage due to water leakage or flooding:

- Read and follow Use Instructions before installation and use of this system.
- Change the disposable filter cartridge at the recommended interval; the disposable filter cartridge **MUST** be replaced every 12 months or sooner.
- Replace cartridge when flow rate becomes inconveniently slow or before rated capacity is reached.
- Failure to replace the disposable filter cartridge at recommended intervals may lead to reduced filter performance and failure of the filter, causing property damage from water leakage or flooding.
- Installation and use **MUST** comply with all state and local plumbing codes.
- Protect from freezing, remove filter cartridge when temperatures are expected to drop below 34°F (1.1°C).
- **DO NOT** install systems in areas where ambient temperatures may go above 100°F (37.8°C).
- **DO NOT** install on hot water supply lines. The maximum operating water temperature of this filter system is 100°F (37.8°C). ; For Cold water Only.
- **DO NOT** install where water hammer conditions may occur. If water hammer conditions exist you must install a water hammer arrester. Contact a plumbing professional if you are uncertain how to check for this condition.
- The system and installation shall comply with applicable state and local regulations.
- To order replacement cartridge contact your local dealer or place where you purchase.
- The system and installation shall comply with applicable state and local regulations.
- Adsorption media will not be regenerated and used.

LIMITED WARRANTY

- Do not use non-genuine filters in the refrigerator system.
If you use a non-genuine filter, we will not be responsible for any damages, including damage from leaks.
- **FOR ONE YEAR** from the date of sale this appliance is warranted against defects in material or workmanship. but, Service life of disposable filter cartridges varies with local water conditions and is thus not warranted.
- This warranty does not cover failures resulting from abuse, misuse, alteration or damage not caused by MICROFILTER or failure to follow installation and use instructions.
- MICROFILTER will not be liable for any indirect, special, incidental, or consequential damages arising from the use of this Product.
- Proof of purchase (original sales receipt) must accompany the warranty claim, along with a complete description of the Product, model number and alleged defect.

Customer Center

Tel. 1588-3366

- For other product-related or A / S inquiries, please contact the Customer Service Center or your distributor.
 - To purchase service or replacement filter cartridges, please visit your local sales or parts distributor.
 - Check the refrigerator model, then purchase the applicable product.
 - Actual product may differ from image shown above.
- visit web site www.samsung.com to find out which water filter model is right your refrigerator.

Manufactured for Samsung Electronics by ;

MICROFILTER CO., LTD.

: 15-1, Gwinong 3-gil, Deoksan-eup, Jincheon-gun, Chungcheongbuk-do, Republic of Korea
(Old Address : 162-1, Sansu, Deoksan, Jinchun, Chungbuk, Republic of Korea)
: Tel. (82) 43-531-7026 (7021)

Distributor

SAMSUNG ELECTRONICS CO., LTD.

: 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea
: Tel . (82) 2-2255-0114 Purchase Inquiry . 1588-6084