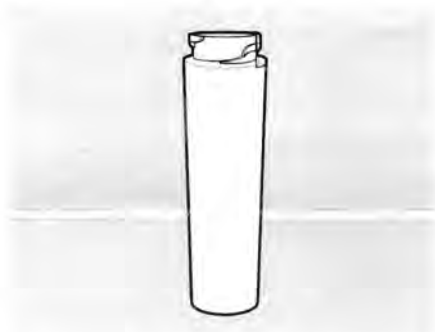


About the water filter cartridge Chlorine, Taste and Odor—Lead and Cysts.

Water Filter Cartridge

The water filter cartridge is located in the back upper right corner of the refrigerator compartment.



When to Replace the Filter

LCD Models:

A pop-up screen will appear on the LCD screen to remind you to replace the water filter. You can check the status of the water filter manually.

Access By: Home > Options > Dispenser Options > Reset Water Filter

Non-LCD Models:

There is a replacement indicator light for the water filter cartridge on the dispenser. This light will turn orange to tell you that you need to replace the filter soon.

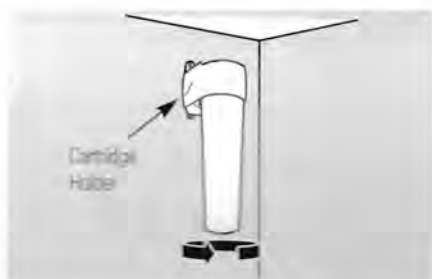
The filter cartridge should be replaced when the replacement indicator light turns red or if the flow of water to the dispenser or icemaker decreases.

Removing the Filter Cartridge

If you are replacing the cartridge, first remove the old one by slowly turning it to the left. **Do not** pull down on the cartridge. A small amount of water may drip down.

Installing the Filter Cartridge

- 1 There is an adapter attached to the top of the new filter cartridge. If you are replacing a *SmartWater* cartridge, the adapter must be removed before installing the cartridge. To remove the adapter, turn it to the left about 1/4 turn.
- 2 Fill the replacement cartridge with water from the tap to allow for better flow from the dispenser immediately after installation.
- 3 Line up the arrow on the cartridge and the cartridge holder. Place the top of the new cartridge up inside the holder. **Do not** push it up into the holder.



Place the top of the cartridge up inside the cartridge holder and slowly turn it to the right.

- 4 Slowly turn it to the right until the filter cartridge stops. **DO NOT OVERTIGHTEN.** As you turn the cartridge, it will automatically raise itself into position. The cartridge will rotate about 1/2 turn.
- 5 Run water from the dispenser for 5 minutes to clear the system and prevent sputtering.
- 6 **LCD Models:**
Press **FILTER REPLACED** button to confirm replacement.

Non-LCD Models:

Press and hold the **RESET FILTER** pad (on some models) on the dispenser for 3 seconds.

NOTE: A newly installed water filter cartridge may **cause water to spurt** from the dispenser.

Filter Bypass Plug

You must use the filter bypass plug when a replacement filter cartridge is not available. The dispenser and the icemaker will not operate without the filter or filter bypass plug.



Replacement Filters:

To order additional filter cartridges in the United States, visit our Website, ge.com, or call GE Parts and Accessories, 800.626.2002.

MSWF
Suggested Retail \$36.95–\$41.95 USD

Customers in Canada should consult the yellow pages for the nearest Mabe Service Center.

Performance Data Sheet
SmartWater Filtration System
MSWF Cartridge

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 unmetered usage)

Standard No. 42: Aesthetic Effects							
Parameter	USEPA MCL	Influent Challenge Concentration	Effluent		% Reduction		Min. Required Reduction
			Average	Maximum	Average	Minimum	
Chlorine	—	2.0 mg/L ± 10%	0.06 mg/L	0.10 mg/L	97%	95.1%	≥ 50%
Particulate**	—	at least 10,000 particles/mL	408,333	670,000	95.5%	89.4%	≥ 85%

Standard No. 53: Health Effects							
Parameter	USEPA MCL	Influent Challenge Concentration	Effluent		% Reduction		Max. Permissible Product Water Concentration mg/L
			Average	Maximum	Average	Minimum	
Turbidity	1 NTU***	11 ± 1 NTU***	0.38 NTU	0.5 NTU	96.5%	95.4%	0.5 NTU
Cysts	99.95% Reduction	Minimum 50,000 L	< 1 #/L	4 #/L	> 99.99%	> 99.99%	99.95%
Lead at pH 6.5	0.010 mg/L	0.15 mg/L ± 10%	< 1 ppb	< 1 ppb	99.3%	99.3%	0.010 mg/L
Lead at pH 8.5	0.010 mg/L	0.15 mg/L ± 10%	3.1 ppb	9.0 ppb	98.0%	95.5%	0.010 mg/L
Mercury at pH 6.5	0.002 mg/L	0.006 mg/L ± 10%	0.34 ppb	0.7 ppb	94.0%	89.6%	0.002 mg/L
Mercury at pH 8.5	0.002 mg/L	0.006 mg/L ± 10%	0.66 ppb	1.5 ppb	88.4%	73.7%	0.002 mg/L
Lindane	0.0002 mg/L	0.002 mg/L ± 10%	< 0.02 ppb	< 0.02 ppb	> 99.0%	> 99.0%	0.0002 mg/L
Atrazine	0.003 mg/L	0.009 mg/L ± 10%	< 0.5 ppb	< 0.5 ppb	> 93.9%	> 94.3%	0.003 mg/L
2,4-D	0.070 mg/L	0.210 mg/L ± 10%	7.7 ppb	35 ppb	96.0%	82.0%	0.070 mg/L
Toxaphene	0.003 mg/L	0.015 mg/L ± 10%	< 1 ppb	< 1 ppb	> 92.9%	> 92.9%	0.003 mg/L
Benzene	0.005 mg/L	0.015 mg/L ± 10%	< 0.5 ppb	< 0.5 ppb	> 96.8%	> 97.0%	0.005 mg/L
Carbofuran	0.040 mg/L	0.080 mg/L ± 10%	< 1 ppb	< 1 ppb	> 98.7%	> 98.7%	0.04 mg/L
P-Dichlorobenzene	0.075 mg/L	0.225 mg/L ± 10%	< 0.5 ppb	< 0.5 ppb	> 99.7%	> 99.8%	0.075 mg/L
Asbestos	99% Reduction	10 ⁶ to 10 ⁸ fibers/L; fibers > 10µm in length	< 0.17 MF/L	< 0.17 MF/L	> 99%	> 99%	99%

* Tested using pressure of 60 psig; pH of 7.5 ± 0.5; temp. of 68° ± 5°F (20° ± 2.5°C)

** Measurement in Particles/ml. Particles used were 0.5-1 microns

*** NTU=Nephelometric Turbidity Units

Operating Specifications

- Capacity: certified for up to 300 gallons (1135 l); up to six months for models without a replacement filter indicator light; up to one year for models with a replacement filter indicator light
- Pressure requirement: 20–120 psi (1.4–8.2 bar), non-shock
- Temperature: 33–100°F (0.6–38°C)
- Flow rate: 0.9 gpm (3.4 lpm)

General Installation/Operation/Maintenance Requirements

- Flush new cartridge at full flow for 5 minutes to purge out trapped air.
- Replace cartridge when flow becomes too slow.

Special Notices

- Installation instructions, parts and service availability, and standard warranty are included with the product when shipped.
- This drinking water system must be maintained according to manufacturer's instructions, including replacement of filter cartridges.
- 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 water that may contain filterable cysts.
- The contaminants or other substances removed or reduced by this water treatment system are not necessarily in your water.
- Check for compliance with the state and local laws and regulations.
- Note that while the testing was performed under standard laboratory conditions, actual performance may vary. Systems must be installed and operated in accordance with manufacturer's recommended procedures and guidelines.

System Tested and Certified by NSF International against NSF/ANSI Standard 42 & 53 for the reduction of:	Standard No. 42: Aesthetic Effects	Standard No. 53: Health Effects
Chemical Unit	Taste and Odor Reduction Chlorine Reduction	Lead, Mercury and Atrazine Reduction Lindane, Toxaphene and 2,4-D Reduction
Mechanical Filtration Unit	Nominal Particulate Reduction, Class I	Benzene, Carbofuran and P-Dichlorobenzene Reduction
		Mechanical Filtration Unit Turbidity Reduction, Cyst Reduction, Asbestos Reduction

