



About the GE Appliances GSWF water filter cartridge

Water Filter Cartridge

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

When to replace the filter on models with a replacement indicator light

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.

When to replace the filter on models without a replacement indicator light

The filter cartridge should be replaced every **six months** or earlier if the flow of water to the dispenser or icemaker decreases.

Operating Specifications

- Pressure requirement: 40–120 psi (2.8–8.2 bar), non-shock
- Temperature: 33–100°F (0.6–38°C)
- Flow rate: 0.5 gpm (1.9 lpm)

General Installation/Operation/Maintenance Requirements

- Flush new cartridge at full flow for 4 gallons (about eight minutes) to purge trapped air.
- Replace cartridge when flow becomes too slow.
- Protect from freezing by removing filter cartridge when temperatures are expected to drop below 40°F (4.4°C). Do not install systems in areas where ambient temperatures may go above 100°F or below 40°F. Do not install on a hot water supply.

▲ WARNING

To reduce the risk associated with choking, do not allow children under 3 years of age to have access to small parts during the installation of this product.

To reduce the risk associated with ingestion of contaminants, do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cucst reduction may be used on disinfected water that may contain filterable cysts.

For the maximum benefit of your filtration system, GE Appliances recommends the use of GE-branded filters only. Using GE-branded filters in GE Appliances and Hotpoint® refrigerators provides optimal performance and reliability. GE-branded filters are always the right choice because they are patented and designed specifically for GE Appliances products.

GE Appliances filters meet rigorous industry NSF standards for safety and quality that are important for products that are filtering your water. GE Appliances has not qualified non-GE-branded filters for use in GE Appliances and Hotpoint refrigerators and there is no assurance that non-GE-branded filters meet GE Appliances standards for quality, performance and reliability.

If you have questions, or to order additional filter cartridges, visit our website at www.gewaterfilters.com or call GE Appliances Parts and Accessories, 877.959.8688.

Customers in Canada call 800.661.1616.

Removing/Installing Replacement Filter Cartridge

Removing the Filter Cartridge

If you are replacing the cartridge, first remove the old one by slowly turning it to the left. Pull down gently on the cartridge. A small amount of water may drip down.

⚠ CAUTION To reduce the risk associated with property damage due to water leakage read and follow instructions before installation and use of this system. Installation and use **MUST** comply with all state and local plumbing codes. The disposable filter cartridge should be replaced every six months, at the rated capacity or sooner if a noticeable reduction in flow rate occurs.

Installing the Filter Cartridge

1. On models without a replacement indicator light, apply the month and year sticker to the new cartridge to remind you to replace the filter in **six months**.
2. Remove the protective foil from the end of the cartridge.
3. Position the cartridge inside the cartridge holder and slowly rotate the cartridge to the right (clockwise) until it stops. The cartridge will rotate about a 1/4 turn. When installed correctly, the grip blade on the end of the cartridge should be positioned vertically for top-freezer models and horizontally for bottom freezer models. **DO NOT OVERTIGHTEN**.
4. Close the cartridge cover.
5. On models with a replacement indicator light, press and hold the **RESET WATER FILTER PAD** on the dispenser for three seconds.

Models with a Dispenser

Run water from the dispenser for 1-1/2 gallons (approximately three minutes) to clear the system and prevent sputtering.

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

Filter Bypass Plug

To reduce the risk of property damage due to water leakage, 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.

Performance Data Sheet

SmartWater Filtration System—GE Appliances GSWF Cartridge

This system has been tested and certified in filter model GE MSWF according to NSF/ANSI Standards 42 and 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 Standards 42 and 53.*

Capacity 750 Gallons (2,839 Liters). Contaminant Reduction Determined by NSF testing.

| Substance Tested for Reduction | Average Influent | NSF specified Challenge Concentration | Avg % Reduction | Average Product Water Concentration | Max Permissible Product Water Concentration | NSF Reduction Requirements | NSF Test Report |
|---|-------------------|---------------------------------------|-----------------|-------------------------------------|---|----------------------------|-----------------|
| Chlorine Taste and Odor | 2.0 mg/L | 2.0 mg/L ± 10% | 97.5% | 0.05 mg/L | N/A | ≥ 50% | J-00056501 |
| Nominal Particulate Class I, ≥0.5 to < 1.0 µm | 13,666,666 pts/mL | At least 10,000 particles/mL | 98.9% | 143,333 pts/mL | N/A | ≥85% | J-00056506 |
| Cyst* | 122,500 cysts/L | Minimum 50,000 cysts/L | 99.99% | 1 cyst/L | N/A | ≥99.95% | J-00056513 |
| Atrazine | 0.009 mg/L | 0.009 mg/L ± 10% | 89.3% | 0.0001 mg/L | 0.003 mg/L | N/A | J-00056512 |
| Lead @ pH 6.5 | 0.153 mg/L | 0.15 mg/L ± 10% | 99.3% | 0.001 mg/L | 0.010 mg/L | N/A | J-00056515 |
| Lead @ pH 8.5 | 0.050 mg/L | 0.15 mg/L ± 10% | 99.3% | 0.001 mg/L | 0.010 mg/L | N/A | J-00058784 |
| Lindane | 0.002 mg/L | 0.002 mg/L ± 10% | 97.8% | 0.00004 mg/L | 0.0002 mg/L | N/A | J-00058969 |
| Turbidity | 10.8 NTU** | 11±1 NTU | 98.7% | 0.13 NTU | 0.5 NTU | N/A | J-00058972 |

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

**NTU=Nephelometric Turbidity Units

Application Guidelines/Water Supply Parameters

| | |
|--------------|-------------------|
| Service Flow | 0.5 gpm (1.9 lpm) |
| Water Supply | Potable Water |

| | |
|-------------------|--------------------------|
| Water Pressure | 40-120 psi (2.8-8.2 bar) |
| Water Temperature | 33°F-100°F (0.6°C-38°C) |

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 Installation Manual for Warranty information.

Special Notices

- Installation instructions are included with the product when shipped.
- This drinking water system must be maintained according to manufacturer's instructions, including replacement of filter cartridges.
- The contaminants or other substances removed or reduced by this watertreatment system are not necessarily in your water.
- Check for compliance with the applicable 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.
- Installation and use MUST comply with all state and local plumbing codes. Do not install if water pressure exceeds 120 psi. If your water pressure exceeds 80 psi (552 kPa), you should install a pressure-limiting valve. Contact a plumbing professional if you are uncertain how to check your water pressure.
- 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.

- Where a backflow prevention device is installed on a water system, a device for controlling pressure due to thermal expansion must be installed.
- Product certified by NSF International, which requires retesting of product every 5 years for material safety, structural integrity, and performance claims.

Tested and Certified by NSF International against NSF/ANSI Standards 42 and 53 in model GE Appliances MSWF for the reduction of:

Standard No. 42: Aesthetic Effects

| | |
|-------------------------|--------------------------------|
| Chemical | Mechanical Filtration |
| Chlorine Taste and Odor | Particulate Reduction, Class 1 |

Standard No. 53: Health Effects

| | |
|----------------------------|-----------------------|
| Chemical Reduction | Mechanical Filtration |
| Atrazine Reduction | Cyst Reduction |
| Turbidity Reduction | |
| Lead and Lindane Reduction | |



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