



STERISIL®

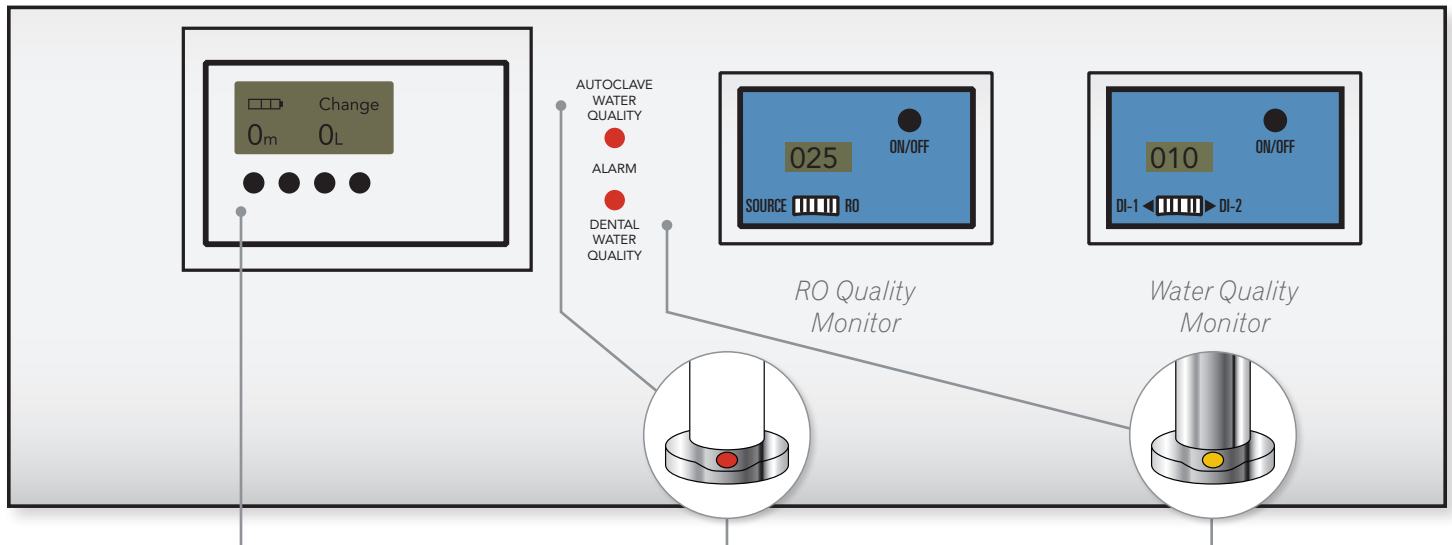


STERISIL® SYSTEM G4

USER MANUAL

PART NUMBERS: G4-1 | G4-3 | G4-7 | G4-10

System Notifications



Filter Monitor

Autoclave Water Quality/
Autoclave Faucet Disc

Dental Water Quality/
Dental Faucet Disc

MONTH COUNTS (Audible Alarm)

When the count reaches 0m, an intermittent audible alarm will sound, and the word "change" will appear at the top of the Filter Monitor indicating its time to change cartridges 1-3 and the UV light.

LITER COUNTS (Audible Alarm, Stage 5 only)

When a liter count reaches its set point, the word "change" will appear in the top section of the Filter Monitor.

CHANGE BATTERY

The battery icon will appear in the upper left portion of the Filter Monitor, signaling that a battery (AA) change is needed for the Filter Monitor. Be sure to take note of existing month and liter counts prior to changing batteries.

RED INDICATOR (Visual and Audible Alarm)

The effluent water from the lead (leftmost) Stage 4 Cartridge has reached 10ppm and is due to be changed. DI-1 on the Water Quality Monitor will read at or above 10ppm.

YELLOW INDICATOR (No Audible Alarm)

The Stage 5 Cartridge has processed 90% of its liter capacity.

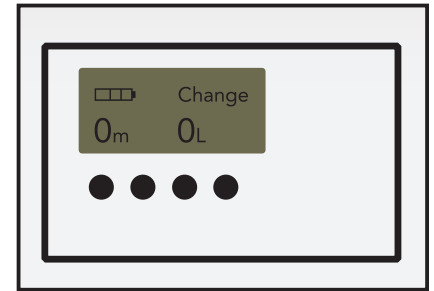
RED INDICATOR (Visual and Audible Alarm)

The Stage 5 Cartridge has processed 100% of its liter capacity and is due to be changed.

Ideal Readings and Operation

FILTER MONITOR

The Filter Monitor, when properly programmed, tracks the remaining lifespan for stages 1-3, Stage 5, and the UV light. The annual kit (P/N: SS-AK) is changed 365 days from the date of installation and includes Stages 1,2,3, and the UV bulb. The Stage 5 Cartridge's lifespan is based on the count of liters of dental water processed.





FILTER MONITOR ALARMS

Month counts will always descend from a 12 month starting point. When the count reaches 0, an audible alarm will sound, and the word "change" will appear in the upper portion of the Filter Monitor indicating it's time to change cartridges 1-3 and the UV light.

When properly programmed, liter counts start at zero and count up to the programmed alarm point corresponding with the capacity rating on the Stage 5 Cartridge. When the count reaches 90% of the total programmed capacity for Stage 5, the "Dental Water Quality" LED Indicator at the unit and the LED indicator on the dental water faucet disc will illuminate yellow. When the liter count has reached the programmed capacity of Stage 5, the indicator lights will illuminate red signaling the Stage 5's expiration.

PROGRAMMING

 Only Stage 1 on the filter monitor needs a month count. All other stages should be programmed to dashes for the month count. Improper programming will lead to false alarms.

 Only Stage 5 needs a liter count. All other stages should be programmed to dashes for the liter count. Improper programming will lead to false alarms.

Setting Month Counts

1. Use the "PWR/STG" button to turn on the monitor, and cycle through the stages until you reach the stage to be programmed.
2. Press the "SET" button. The unit will beep once, and the word "SET" will appear in the upper section on the Filter Monitor indicating it is in set mode. Verify the solid bar is above the left (month) side of the display. If it is not, press the "PWR/STG" button to move it over. It must be in set mode to do this.
3. You can now program the monitor to 12 months with the arrows.
4. When you reach the correct number, hold down the "SET" button to save it. The unit will beep twice to confirm you have saved the setting.
5. The counter will show the number selected.

Setting Liter Counts

1. Use the "PWR/STG" button to cycle through the stages until you reach Stage 5.
2. Press the "SET" button. The unit will beep once, and the word "SET" will appear in upper section on the filter monitor indicating it is in set mode. Verify the solid bar is above the right (liter) side of the display. If it is not, press the "PWR/STG" button to move it over. It must be in set mode to do this.
3. You can now program the liter count to correspond with the Stage 5 capacity rating with the arrows.
4. When you reach the correct number, hold down the "SET" button to save it. The unit will beep twice to confirm you have saved the setting.
5. The count will return to 0. Liters used will count up.

Setting Dashes

1. Use the "PWR/STG" button to cycle through the stages until you reach the desired stage.
2. Press the "SET" button. The unit will beep once, and the word "SET" will appear in upper section on the Filter Monitor indicating it is in set mode. Verify the solid bar is above the side of the display you wish to change. If it is not, press the "PWR/STG" button to move it over. It must be in set mode to do this.
3. Hold the DOWN arrow and the "SET" button at the same time. The dashes will appear underneath the solid bar, and the unit will beep once.
4. Hold the "SET" button to save it. The unit will beep twice to confirm.

CHANGING THE BATTERIES (AA)

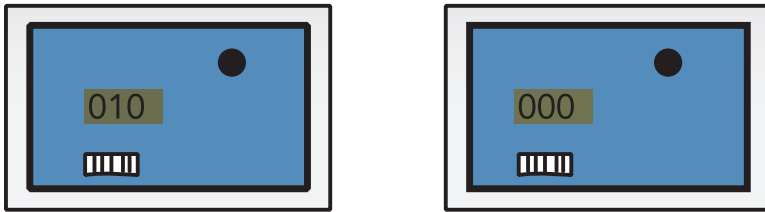


IMPORTANT

When replacing the batteries in the Filter Monitor, all programmed settings will be reset. Make sure to record all readings before changing batteries. Refer to the Programming section in this guide.

1. Starting with a Philips head screwdriver, remove the two screws securing the faceplate. Remove the faceplate and the Filter Monitor from the housing.
2. WITHOUT UNPLUGGING THE WIRES, locate the battery panel on the back of the Monitor.
3. Slide off the panel and replace batteries (Size AA).
4. Replace the back panel, place the Monitor in its location, and screw on the white bracket.
5. Reprogram the Monitor.

WATER QUALITY MONITORS



CHANGING THE BATTERIES (357-A)

1. Start with a Philips head screwdriver, and remove the two screws securing the faceplate. Remove the faceplate and the Water Quality Monitor from the housing.
2. WITHOUT UNPLUGGING THE WIRE, remove the three screws on the back of the Monitor.
3. Remove back panel.
4. Remove batteries (Size 357-A watch batteries), and install new batteries ensuring polarity is correct.
5. Replace the back panel, screw in the three screws, place the Monitor in its location, and screw on the white bracket.

IDEAL WATER QUALITY READINGS

Source/RO Water Quality Monitor

Sterisil® water quality standards dictate that a viable RO filter should reduce source water TDS by greater than 75%. If your rate of reduction drops below 75%, it's time to change your annual kit.

DI Water Quality Readings

Acceptable DI-1 readings should be <010ppm TDS. When readings exceed 10ppm TDS, the alarm will sound and the "DI Water Quality" LEDs will illuminate red on the system and faucet disc.

DI-2 will normally read <005ppm.

Annual Kit Replacement Instructions

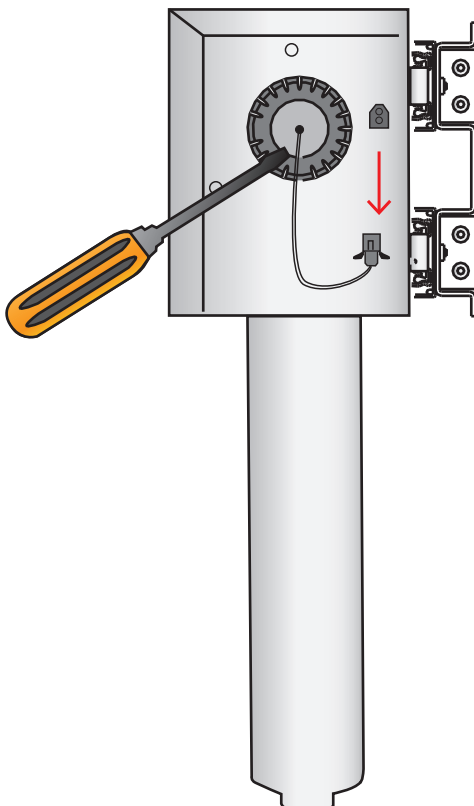
Stages 1, 2, 3 and the UV Light (SS-AK)

1 Unscrew Stage 1 and 2 cartridges. Water flow will stop automatically.

2 Remove the drain line on Stage 3 before unscrewing the cartridge. Push down on the compression fitting and pull out on the drain tube.



Dispose of cartridges
in regular trash
disposal



3

Unplug the UV Light plug from the System.

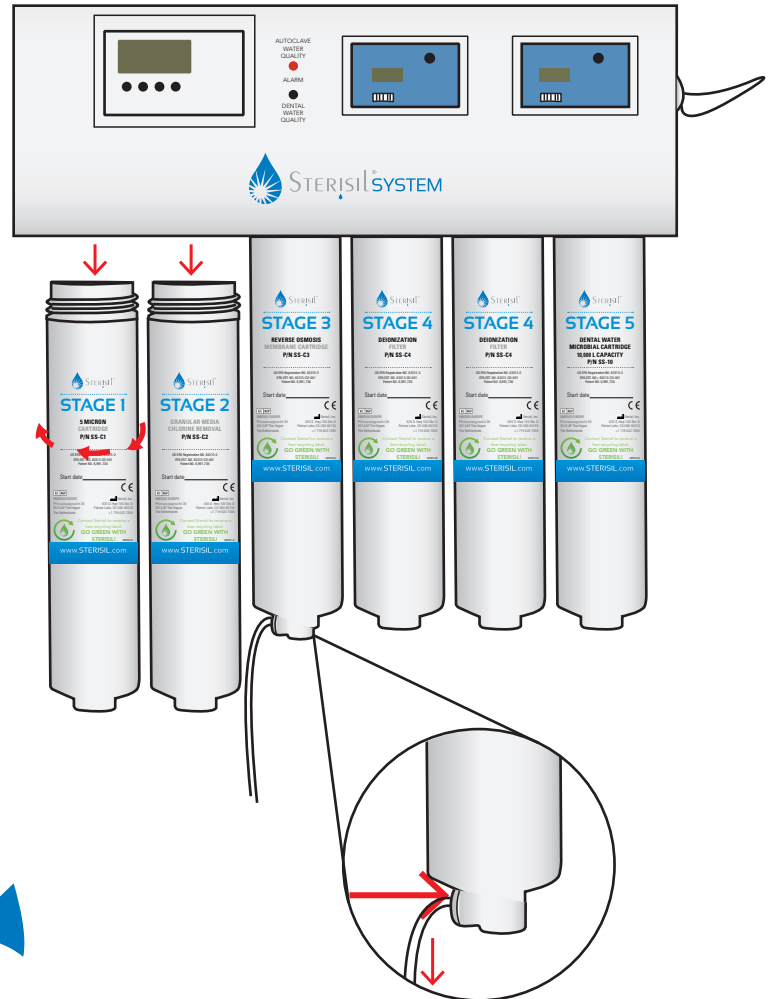
Use a flat head screw driver to pry out the grey/clear piece to pop out the UV bulb.

Insert new bulb and click into place.

IMPORTANT: Do not touch the bulb.

Grease from hands can cause damage to lamp.

NOTE: After installing the new cartridges and UV light, please read the Monitor Reset Instructions to properly reset the Filter Monitor



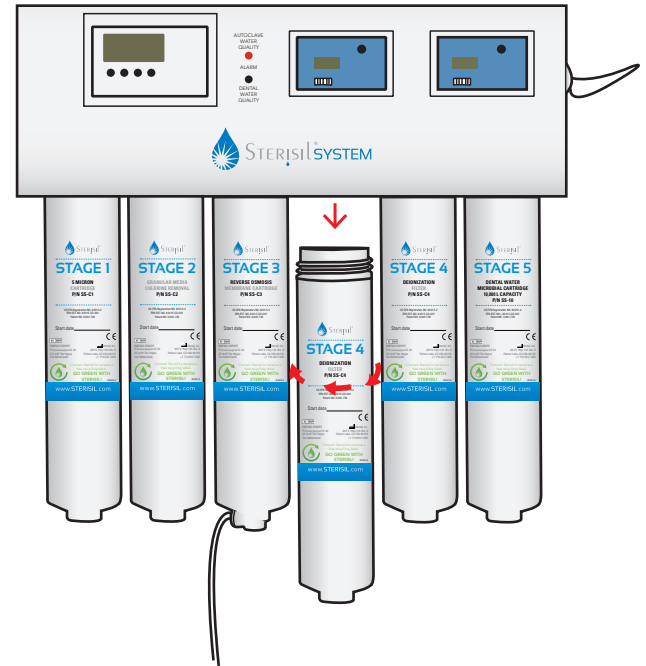
Stage 4 Replacement Instructions

(2) Stage 4 (SS-DI)

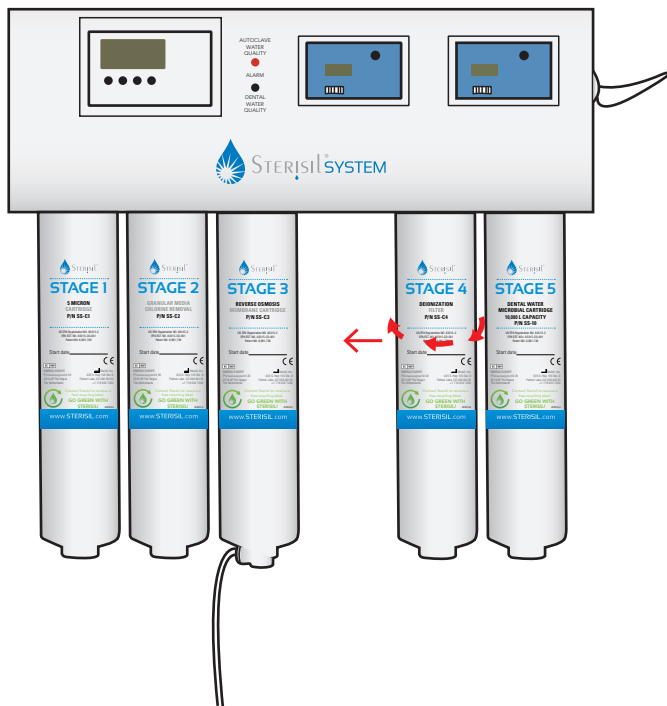
- 1 When the "Autoclave Water Quality" alarm beeps and lights up red, unscrew the left Stage 4 cartridge.



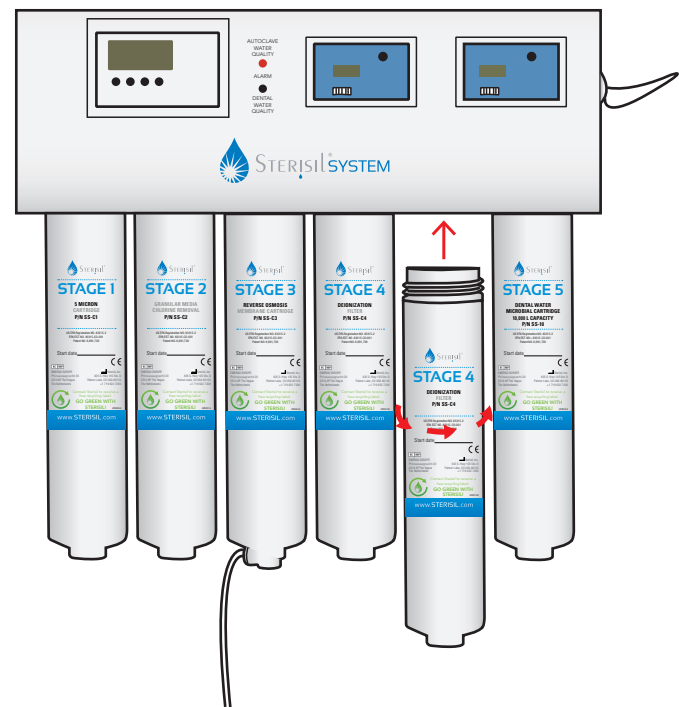
Dispose of cartridge
in regular trash
disposal



- 2 Slide the right Stage 4 cartridge to the left



- 3 Insert new Stage 4 cartridge in the right position.



Stage 5 Replacement Instructions

Stages 5 (SS-1, SS-3, SS-7, SS-10)

- 1 When the "Dental Water Quality" alarm beeps and lights up red, unscrew the Stage 5 cartridge.

Four sizes available for the Stage 5 cartridge. Make sure to install the correct size cartridge.

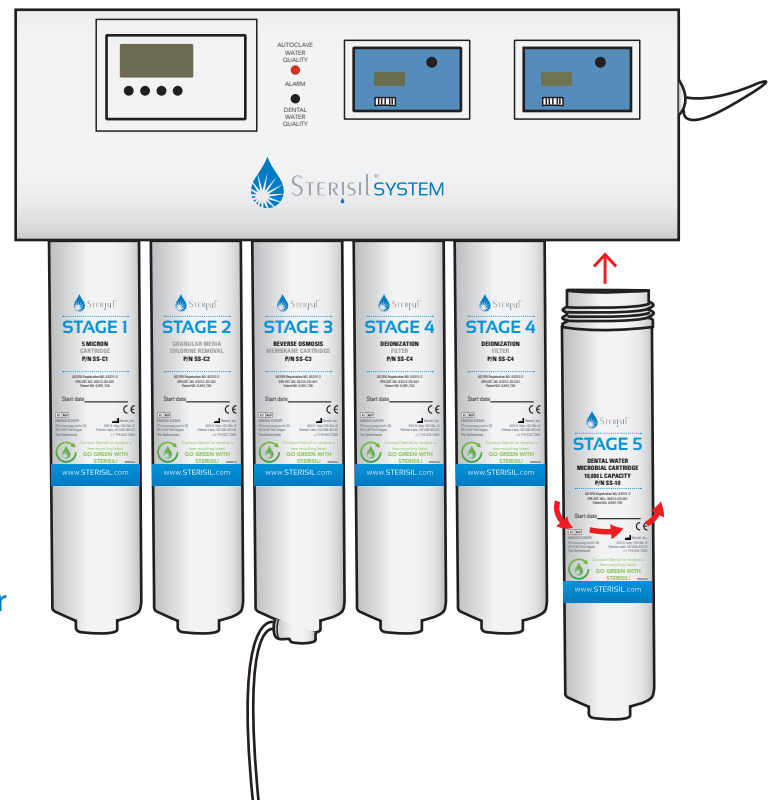
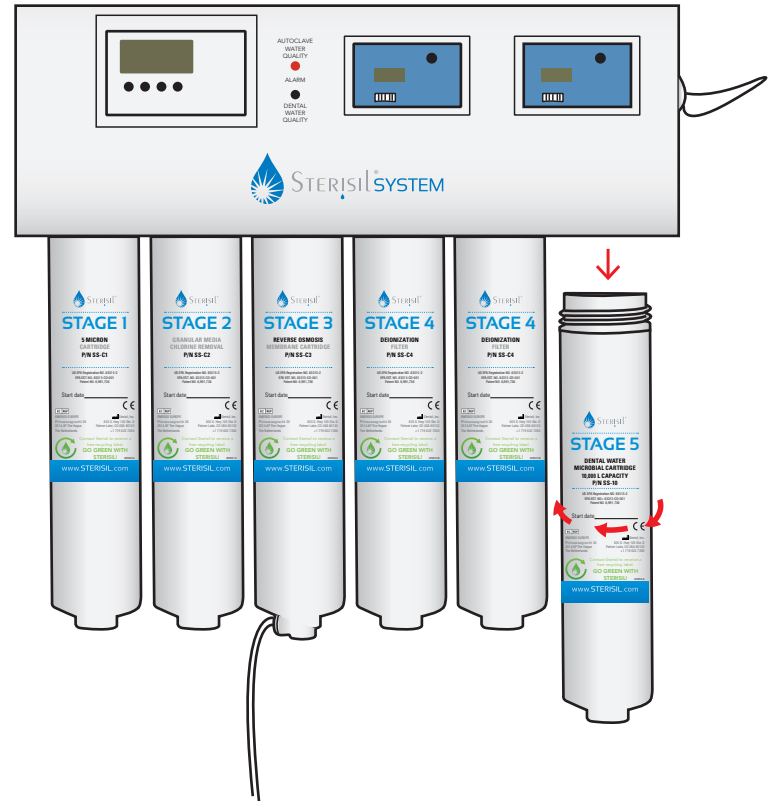


Dispose of cartridge in regular trash disposal



- 2 Insert appropriate size Stage 5 cartridge into the far right position.

NOTE: After installing the new Stage 5 cartridge, please read the Monitor Reset Instructions to properly reset the Filter Monitor



REPLACING THE PRE-FILTER

Replace the filter once a month. If the filter has turned brown before a month has passed then replace the filter every two weeks. Mark your calendar for the specific interval.

1. Close the inline ball valves before and after the housing.
2. Purge the pressure from the filter housing by depressing the red button on the top of the lid.
3. Unscrew the water reservoir lid to access and replace the micron filter inside.
4. Reassemble and open the inline and source water valves to restore flow to the system.
5. Visually confirm water is flowing freely.



NEED HELP OR HAVE QUESTIONS?

Our technical support staff is available and ready to help. Please call, email, or visit us online for additional support.



719 622 7200



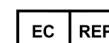
support@sterisil.com



sterisil.com

835 S Highway 105 Suite D
Palmer Lake, CO 80133

Office: 719 622 7200
Fax: 866 299 2495



EMERGO EUROPE
Prinsessegracht 20
2514 AP The Hague
The Netherlands