

## Purifier Cartridge removal and installation.



### REPLACEMENT CARTRIDGE PURIFIER

**Flow Rate:** 15 seconds per 16 oz (2 liters/minute)

**Lifespan:** 300 uses (40 gal/150 L)

**Active Technology:** electroadsorption (electroadhesion and ion exchange), ultra-powdered activated carbon, and silver treated zeolites.

**Antimicrobial:** Yes

**Chemical-free:** Yes

**BPA free materials:** Yes

**Tested to NSF Standards 42+53**

### REMOVES

**99.9999% of viruses** (e.g. Rotavirus, Norovirus, Hepatitis A)

**99.9999% of bacteria** (e.g. E.coli, Salmonella, Cholera, Shigella)

**99.999% of protozoan cysts** (e.g. Giardia, Cryptosporidium, Amoebae)

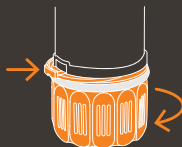
### FILTERS

**Particulates** (e.g. sediment, silt), many **chemicals** (e.g. chlorine, iodine) and **heavy metals** (e.g. lead, arsenic) that affect **health, flavor, odor, and clarity.**

## [ONE PRESS]

### Purification & filtration.

Unlike standard mechanical filtration, our purifier is driven by a game-changing electroadsorptive media which is capable of removing submicron pathogens and inorganic contaminants through a process of electroadhesion and ion exchange. With [ONE PRESS], electroadhesion and ion exchange create a powerful submicron trap for pathogens including viruses, bacteria, and protozoan cysts. Many embedded layers of ultra-powdered activated carbon create a large surface area for removing toxins like chemicals and heavy metals. A natural antimicrobial, silver treated zeolites, inhibits growth and keeps the purifier fresh in between uses.



### REMOVAL

Locate purifier lock tab at bottom of INNER PRESS. Pull out purifier lock tab and twist purifier clockwise.



### INSTALLATION

Insert purifier into INNER PRESS and rotate counter-clockwise. Screw purifier until purifier lock tab clicks into purifier lock slot. Do not over tighten.



### BEFORE USE !

Before drinking, press water through the purifier system twice. Discolored water (caused by harmless activated carbon dust) is normal during the first few cycles.

# Cleaning, maintenance, and care between uses.

## **Don't use soap on purifier.**

Do not wash purifier with soap or other cleaning agents. You may rinse the purifier with clean water as needed.

## **Wash bottle (not purifier cartridge) by hand.**

Your OUTER [RE]FILL, INNER PRESS should be washed by hand with warm, soapy water. Wash before first use.

## **Care between uses.**

Purifier media can last up to a year after opening if cared for properly between uses. Powdered carbon, the active ingredient which removes many chemicals and heavy metals, can degrade over time when exposed to air. To limit degradation; clean, air dry completely, reassemble INNER PRESS and OUTER [RE]FILL, and store with cap on.

## Precautions.

### **Water only.**

Use water only (no other liquid) in your GRAYL.

### **Choose your water source wisely.**

Always use the cleanest, safest, and most reliable water source possible. Do not expose/fill the INNER PRESS with untreated water.

### **Before separating INNER PRESS and OUTER [RE]FILL, make sure the INNER PRESS is empty.**

When separating parts, be aware that residual water will drip from purifier.

### **NO freezing.**

Purifier cartridges can withstand up to three (3) freeze/thaw cycles. Beyond three cycles, purifier performance begins to diminish and the purifier cartridge should be replaced.

### **NO boiling water or microwaves.**

Do not use boiling water inside your GRAYL or put any parts in the microwave.

# We have you covered.

## **Purifier lifespan.**

The lifespan of the Purifier Cartridge varies with the quality of your water source. High levels of sediment in the water will shorten the life span of the Purifier. When using clear water, the Purifier will last about **300 cycles (40gal / 150L)** – about three uses per day for three months. Use beyond Purifier capacity diminishes purification effectiveness and may result in drinking unsafe water. If water flow rate is noticeably slower than usual then the purifier should be replaced.

## **Ten year warranty.**

Every GRAYL is accompanied by a ten (10) year warranty covering workmanship and materials. For replacement information please contact us at:

[www.thegrayl.com/customer-service](http://www.thegrayl.com/customer-service).

## **Parts and contact information**

For replacement parts, purifier cartridges, performance ratings, frequently asked questions, or to contact us with questions or comments, please visit us at: [www.thegrayl.com](http://www.thegrayl.com)

## **International manuals**

Manuales / Manuels / Manuali / Handbücher  
[www.thegrayl.com/manuals](http://www.thegrayl.com/manuals)



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