

**GRAVIL**

# GEOPRESS™

**PURIFIER CARTRIDGE**

## TECHNOLOGY

**Active Technology:**

Ion exchange, ultra-powdered activated carbon.

**Antimicrobial:** Yes**Chemical-free:** Yes**BPA free materials:** Yes**Size:** 2.9" (7.3 cm) H x 3.1" (7.8 cm) W**Weight:** 3.8 oz (108 g)**Fast Flow Rate:** 8 seconds per 24oz (5 liters/minute)**Lifespan:** 350 presses (250L/65 gal)**Shelf Life:** Stored under proper conditions, an unopened Purifier Cartridge has a shelf life of 10 years. After a cartridge has been used, it lasts at least 3 add'l years.

## REMOVES

**VIROSES** ( 99.99% )

ROTOVIRUS, NOROVIRUS, HEPATITIS A

**BACTERIA** ( 99.9999% )

E. COLI, SALMONELLA, DYSENTERY

**PROTOZOA** ( 99.9% )

GIARDIA, CRYPTOSPORIDIUM, AMOEBAE

## FILTERS

**PARTICULATES**

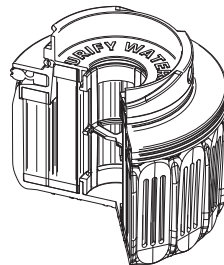
MICROPLASTICS, SEDIMENT, SILT

**CHEMICALS**

CHLORINE, BENZENE, CHLOROFORM

**HEAVY METALS**

LEAD, ARSENIC, CHROMIUM

**350 PRESSES****250 L / 65 GAL****5L / MIN****ONE PRESS™****8 SECONDS**

## PURIFIER LIFESPAN

The lifespan of a cartridge varies with the quality of the water sources; the clearer, the better. High levels of silt or sediment will shorten the lifespan of the cartridge. Typically, when using clear water, a cartridge will be effective for **~350 cycles (250L / 65 gal)**. As "press time" reaches **~25 seconds** (or three years have elapsed since first use) it's time to replace your cartridge. *Cartridge continues to protect, even as press time increases.*

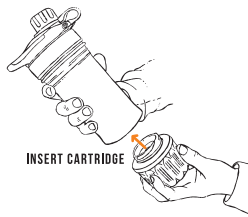
## CARTRIDGE REMOVAL

**COUNTER-CLOCKWISE**

### REMOVAL

Firmly grasp the Inner Press. Rotate the cartridge **counter-clockwise** until it separates from the Inner Press.

## CARTRIDGE INSTALLATION

**INSERT CARTRIDGE**

### INSTALLATION

Firmly grasp the Inner Press. Insert cartridge into the bottom of the Inner Press.

**CAUTION:** Proper installation of cartridge prevents cross-contamination.

**CLOCKWISE**

### IMPORTANT: LOCK CARTRIDGE

Rotate cartridge clockwise until you feel it **CLICK** and **LOCK INTO PLACE**. If the cartridge is not locked, it can fall off during use.

# PRECAUTIONS

## NO FREEZING.

Cartridges are not significantly degraded after one freeze/thaw cycle. However, don't use a cartridge after 3 or more freeze/thaw cycles. Protect your GEOPRESS in freezing temperatures by keeping it full of water and insulate in a jacket or sleeping bag.

## NO HOT (OR BOILING WATER) OR MICROWAVES.

Do not expose Purifier Cartridge to water hotter than 120F (50C), it will harm purifier media. Do not put the GEOPRESS in the microwave.

## SOURCING THE BEST WATER.

Always begin with the cleanest (least silty) water available. For instance, streams are generally better than lakes and bogs (which are often have higher levels of sediment and tannins).

## CYANOBACTERIA, EXCESSIVELY HIGH LEAD LEVELS, MERCURY, ETC.

Purifier Cartridges are designed to remove trace levels of chemicals and heavy metals. The GEOPRESS was NOT designed to protect against industrial disasters, coal ash spills, very high lead levels, mercury, nuclear disasters or toxic blue-green algae (cyanobacteria), etc. Find another water source in these situations.

## CROSS-CONTAMINATION.

Do not expose/fill the Inner Press with untreated water, cross contamination may occur. If this does happen, disassemble and wash GEOPRESS (not Purifier Cartridge) with soapy water and rinse thoroughly. Alternatively, thoroughly dilute potential contaminants by pressing (and agitating) water through the GEOPRESS Purifier 5-7 times.

## DURABILITY AND ACCIDENTAL DROPS.

Incredibly durable, a GEOPRESS Purifier withstands drop tests (at full capacity) up to 10 feet (3 meters).

# CARE BETWEEN USES

## DO NOT USE SOAP ON PURIFIER CARTRIDGE.

Do not wash cartridge with soap or other cleaning agents. Soap will damage the purifier media. You may rinse cartridge with clean water as needed.

## PROPER CARE & STORAGE.

For long-term storage, prepare GEOPRESS for storage to prevent growth of mildew and odors. Thoroughly dry cartridge by performing one 'dry press' by pressing the wet Purifier into an empty (no water) Outer Refill and dump excess water. Allow cartridge to air-dry thoroughly (depending on humidity it will take 2-4 days to completely dry). Hand wash all other parts with warm, soapy water. Reassemble unit to create air tight seal for storage. Cartridges can last up to three years after opening if cared for properly between uses.

# WE HAVE YOU COVERED

## TESTING STANDARDS.

Independently tested by certified laboratory to meet or exceed NSF protocol 42 and 53 for pathogen and chemical removal. Meets the EPA Guide Standard and Protocol for testing microbiological water purifiers.

## ZERO WASTE RECYCLING PROGRAM.

To participate in our zero waste cartridge recycling program, please visit [www.grayl.com/recycle](http://www.grayl.com/recycle)

## QUESTIONS?

For answers to the most common questions, live chat, and product support, please visit [www.grayl.com/help](http://www.grayl.com/help)

## INTERNATIONAL MANUALS.

Manual / Handbuch / Manuali / Manuals / マニュアル / 取扱  
[www.grayl.com/manuals](http://www.grayl.com/manuals)

#EMPOWERADVENTURE

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