

Thanks for choosing the HydroBlu Jerry Can Water Filter

Virus Free Package

The HydroBlu Jerry Can Water Filter is an innovative, professional outdoor water purification system. With an integrated design and advanced hollow fiber membrane filtration technology, the Jerry Can uses manual air pump pressure to filter out solid impurities, bacteria, viruses, cysts, parasites that are harmful pollutants to human health, while reducing water hardness. Removal of some heavy metals and organic matter, to optimize the taste from lakes, rivers, streams and other outdoor fresh water, to ensure safe and clean drinking water.

The Jerry Can style is very robust and strong, and makes it easy to carry it with you. With the easy to use manual pump, you don't have to worry about electricity or batteries, and it is environmental friendly. The Jerry Can Water Filter is perfect for small to large groups, for camping, scout trips, travel, and more. It is also incredibly effective for daily drinking water purification in remote areas, and also for earthquake, floods, tsunamis and other emergencies where the water supply may be compromised.

Important Note

Please read this user manual carefully before use, and keep it for further information.

- ① Do not use pressurized piston pump without water.
- ② After each use, the Jerry Can should be rinsed of debris and stored completely dry.
- ③ Water should not be stored inside the Jerry Can for long periods of time.
- ④ Avoid keeping the Jerry Can in freezing temperatures and do not use boiling water in the Jerry Can.

Diagram



Product Specification and Parameters

Name	HydroBlu Jerry Can Water Filter
Item No	HB-JC-01
Size	14" x 8" x 13"
Materials	PE (BPA-free)
Housing Materials	ABS
Net Weight	4 lbs.
Working Temp	39 - 104° Fahrenheit
Jerry Can Size	15L
Accessory	Hand Pump

Name	HydroBlu Standard UF Hollow Fiber Filter Module
Item No	HB-SUF-01
Bacterial Removal	>99.9999%
Standard UF	0.1 Microns
Flow rate	Max 4L/min
Life Capacity	10,000 Gallons

Name	HydroBlu Activated Carbon Filter Module
Item No	HB-AC-01
AC Module	Activated Carbon
Life Capacity	250 Gallons

Note: Flow rate and filter life capacity depends on input water quality.

■ Standard UF Hollow Fiber Module

Filtration technology: precision hollow fiber ultrafiltration membrane

Filtration Accuracy: 0.1 µm (0.0001 mm) / 0.01 µm ((0.00001 mm)

Performance: Remove 99.9999% of Bacteria, Giardia, E. coli

Working temp: 39 - 104° Fahrenheit

Weight of UF module: 3.4 ounces

Filter size: 1.65" x 1.65" x 7.9"

Life capacity: 10,000 gallons or every 2 years

■ Activated Carbon Module

Filtration technology: Food grade coconut shell activated carbon and efficient ion exchange resin

Performance: Long-term adsorption of water odor, color, chemicals and heavy metals

Working temp: 39 - 104° Fahrenheit

Weight: 2 ounces

Size: 1.65" x 1.65" x 2.9"

Life Capacity: 250 gallons or every 6-8 months (depending on water quality)

■ 0.02 Hollow Fiber Virus Filter

Removes viruses such as Hepatitis A, Polio, Typhoid, Enteroviruses.

Removes 99.999% of all bacteria, such as E.coli, salmonella, and cholera. It also removes 99.999% of all protozoan cysts, including giardia, cryptosporidium

0.02 Micron hollow fiber membrane

Perfect for camping, travel and for emergency situations

Flow rate of 1 gallon in 5 minutes

Operating instructions

Warning

Before initial use, it is recommended that you rinse the products and filter with clean water to remove possible particles, such as dust.

Do not over-pump (pressurize) the Jerry Can. The pump is only to provide the pressure required for filtration. When the water outlet valve is closed, the sealed Jerry Can is temporarily pressurized, thus ensuring that the water can be filtered out. Over-pressurization can lead to excess expansion of the Jerry Can and can damage the housing and the filters.

Try to choose a clean water source for filling the Jerry Can. Although the Jerry Can can be used for highly turbid water filtration, this will shorten the service life of the filter(s).

Do not allow grit, gravel, or other rough material to enter the Jerry Can. There is designed gap between the bottom of the filter and the Jerry Can floor which ensure that the any large particles will remain at the bottom of the Jerry Can and will not block or clog the filter membrane. Regular cleaning of the Jerry Can will help maintain the life. The Jerry Can is designed to have the Standard UF Module and the AC Module in used in tandem. If you choose to not use the AC Module, use the included hose tube to make up the difference in height from the Jerry Can floor to the Standard UF Module.

Unless you are installing or replacing one of the water filter modules, always keep the water valve closed.

A First Use

When using the HydroBlu Jerry Can for the first time, make sure that the water outlet cap is tightened and the water outlet valve is open. The Hollow fiber UF filter will come pre-installed.



1. Unscrew the pump cover cap, fill by other water containers or directly from the water sources.



2. Allow 5 minutes for the filter element to fully soak.



3. Use the piston pump to pump air into the Jerry Can until water flows out.



4. Allow water to flow naturally (do not drink).



5. Repeat steps 3 and 4, repeating two times, to ensure the system is working and to flush any manufacturing residue.

B Normal Use (water filling - pressurization - drinking)



1
Unscrew cap and fill water



2
Screw on the pump cap



3
Pull and push the handle bar several times



4
Open outlet valve



5
Close valve to stop flow of water

Warning

- ❶ Do not use this filter system to filter beverages, soft drinks and other liquids. Doing so can cause irreversible damage to the filter system.
- ❷ Do not attempt to use this product for seawater or high salinated water sources.
- ❸ Do not drop or puncture the filter container. This can damage the filter and cause it not to work.
- ❹ Do not use chemical detergents to clean the filter cartridge(s).
- ❺ If it is determined that the ultrafiltration membrane is damaged, please replace the filter element in time to ensure that the filtration system can be used properly.

Maintenance

The HydroBlu Jerry Can UF Filter Membrane is a low-pressure, high-output precision ultrafiltration membrane module that provides high volume at low-pressure to meet outdoor water requirements. At the same time, the life of the ultrafiltration membrane system also varies depending on water quality.

In order to extend the service life of this product, please clean the Jerry Can with clean water after use. Make sure any debris or other large particles are completely washed out from the bottom of the Jerry Can.

■ Filter replacement steps :

- ① Unscrew the filter cover cap.
- ② Unscrew the membrane filter and screw on a new UF filter.
- ③ Rinse and dry the Jerry Can.
- ④ Tighten the filter cover and flush the new filter cartridge (as described in the First Use directions).
- ⑤ After pre-flushing, the water purifier can be used normally.

■ Long-term Storage :

- ① For long-term storage of the HydroBlu Jerry Can, clean and rinse the Jerry Can with fresh water and allow to completely dry before putting the pieces back together. Store in a cool, dry location.

- ② For areas that have hard water, we recommend backflushing the hollow fiber filter with distilled water before allowing the filter to completely dry. Hard water, or natural water, contains many minerals, including calcium, magnesium and other dissolved salts. Once dry, these minerals can become crystals on the hollow fiber membrane surface and can significantly reduce the performance of the hollow fiber filter. In some cases, this can result in failure of the filter."

■ Transportation :

When transporting your HydroBlu Jerry Can, ensure that the Jerry Can is empty, and securely packed in your baggage to protect it from freezing. Make sure that the tank pressure has been released and do not keep pressure in the Jerry Can.

FAQ :

Q: Where can I purchase extra filter modules?

A: Additional modules can be purchased at www.hydroblu.com or from the dealer where you purchased the HydroBlu Jerry Can.

Q: What is the water requirement when using a HydroBlu Jerry Can?

A: Natural rivers, rain, lakes, pools, streams and other natural fresh water can be used in the HydroBlu Jerry Can. In order to extend the water filter life capacity and for better drinking water, you should try to use relatively clean water. DO NOT use paper, electroplating, printing and dyeing, smelting sewage and other industrial water waste as water sources. DO NOT use polluted water as a water source. If there is a large amount of sediment in the water, please allow the sediment to settle for a couple minutes and then pressurize the Jerry Can.

Q: Does the filter need to be replaced after a certain period of use?

A: Yes. HydroBlu standard UF filtration modules can treat the water up to 10,000 gallon. This assumes you are using relatively clear water, with low-sediment and you are cleaning and maintaining the Jerry Can correctly. Because minerals can build up over time, we recommend replacing the UF Filter every 2 years or 10,000 gallons, whichever comes first. This will keep your Jerry Can working at peak levels.

Q: Can I use the Jerry Can to filter seawater / brackish water for fresh water?

A: No, the HydroBlu Jerry Can can filter out large particles and bacteria contained in seawater, but can not remove salt from salt water and brackish water.

Disclaimer

Please follow the instructions, precautions, and warnings in this manual. If you fail to comply with the instructions in this manual, we can only provide replacement service .

Warranty

The HydroBlu Jerry Can Pressurized Filter comes with a Lifetime Manufacturers Warranty. This includes any manufacturer defects. Wear and tear or user damage to the filter is not covered under this warranty.

■ Filter Modules Warranty

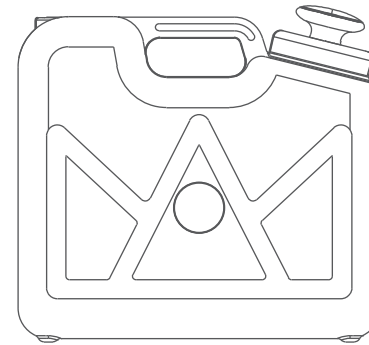
The individual filter modules have a Lifetime Warranty from manufacturer defects. In the case of a warranty claim, please contact customersupport@hydrohealthus.com or call 800-678-7888. We will either repair or replace the defective product. Products damaged by improper use, storage, or maintenance will not be covered by the warranty. Also not covered by the warranty is repairs done by others, man-made damage, or filter normal life loss.

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 **HYDROBLU**
Pressurized Jerry Can Water Filter

User Manual