



Instructions for Use

To Fill:

1. Remove cap
2. Remove filter
3. Soak filter in water for 10 min.
4. Fill bottle with water
5. Insert filter into bottle
5. Replace cap
6. Before initial use: flush water through the filter to remove carbon fines; repeat each time filter is replaced. Store filter dry.

Do Not:

1. Do not use Hot water
2. Do not freeze.

Item # 581 Cartridge - to be replaced every 400 refills, or every 4-6 months

The *Aquasmart*[®] Sport Bottle – Q & A

What's the most dangerous water to drink?

Untreated water is risky. Interestingly, a recent study by Dr. Gerba at the University of Arizona concluded that 26% of U.S. tap water has some giardia; 13% is found to have cryptosporidium. On average you have a 3% chance of ingesting one or both from chlorinated tap water. That's because chlorine has no lasting effect on giardia and cryptosporidium. How do you know when it has been ingested? Dr. Gerba suspects that 2 out of 3 so called "flu's" are really related to food or water which has been contaminated: most likely from our own taps. Since it takes one week to feel the effects of giardiasis or cryptosporidiosis, you may have ingested a microorganism over one week before feeling its first effects. These symptoms are stomach discomfort, diarrhea, aching muscle and headache. Sound like the flu? Use a good filter rated to remove cryptosporidium whenever possible. Neither giardia nor cryptosporidium will kill a healthy adult. Doctors warn that small children, the elderly, and people with compromised immune systems are at risk.

Facts about your Sport Bottle:

Your sport bottle will provide you with water free of added chemicals such as chlorine, free of bad taste and objectionable odours and most importantly, free of pathogenic cysts such as cryptosporidium and giardia. Please remember that your bottle operates on the pressure created by a combination of gravity and the squeezing motion applied by hand. It does not have the benefit of 40 PSI of water pressure, as does a filter installed in the home. As such, the flow rate of water through the filter in your bottle will be much slower. In order to be truly portable and achieve cyst removal, the filter is a very tightly packed matrix of carbon and proprietary compounds. Be patient and squeeze the water slowly through the filter. The additional contact time will clean the water much more efficiently. If you squeeze too hard, in an effort to increase the flow, the water will not be properly filtered and may leak out the sides of the cap. The filter cartridge is a radial flow design. The water will flow through the side opening and into the space between the plastic housing and the carbon cartridge. Here, the pressure you apply will then force the water through the matrix of the carbon block. The clean, filtered water will emerge in the hollow core of the carbon block and now gravity alone will allow it to flow through the large hole on the top of the cartridge and to the mouthpiece. In some cartridge housings, you may find some smaller holes around the large hole. These are for drainage and do not effect the flow rate in any way. Please store filter dry.

We hope that you enjoy your sport bottle and the freedom of having clean, safe water wherever you may be!

Trust the company that has been supplying water purification systems since 1984!

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