

Camelbak All Clear

Written by Christophe Noel
Friday, 15 February 2013 03:35



Let's open this piece with a few sobering facts. As of today, 780 million people worldwide lack access to clean drinking water. In the United States alone, we will consume 328 billion gallons of water every day. We needn't even mention the number of people that fall victim to water born pathogens leaving them sick or worse. Water is life—if it's clean.

One of the earth's magnificent givers of life, water is something we can't live without. At least not for more than three days say the experts. The brain trust at Camelbak know this better than most. Their hydration systems have kept millions of physiques hydrated and performing at optimum levels. It only makes sense they would create a means of not just delivering water, but making it safe to drink.

The Camelbak All Clear water purification system uses the power of ultra violet light to make any water safe for consumption. UV rays are often the bad boys of the light spectrum, but with regard to water purification, they are a powerful force. UV light, as used in the All Clear system, is a simplistic way of neutralizing harmful pathogens that would otherwise attack our bodies from within. Giardia, E. coli, Cryptosporidium, and even rare water born viruses are no challenge for the All Clear.

The All Clear is effectively a water purification system build within a standard sized water bottle. Housed inside the lid is a UV bulb, LCD readout screen, and a highly efficient rechargeable battery system. To make any water safe to consume, simply fill the bottle, thread on the lid, press the on button, follow the prompts, and wait just 60 seconds. The LCD screen will clarify if

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the procedure has been effective. That's all there is to it.

By the numbers, the All Clear will purify your water in exactly one minute. The bulb has a lifespan of 10,000 cycles, and the Lithium Ion battery can produce as many as 80 liters of water on a single charge. Charging the battery takes as few as five hours via the included USB charger, and can be charged with a number of consumer available solar chargers like the Solio Classic. The total system weighs little more than 7 ounces and costs only \$99.00. It fits neatly in a glove box, ditch bag, or backpack ready for bold adventures or unfortunate emergencies. When your thirst requires safe drinking water, wouldn't you like that water to be All Clear?

{youtube}oJNO3cG9-zM{/youtube}

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