

# Comparison: Bottled Water vs Cabin Clean Water Filter

**216 one litre  
bottles/pallet**



**About 22 days (person  
survival use)/pallet.  
Assumes consumption  
of about 10  
L/person/day.**

**Weight: about 240  
Kg or 440 pounds**

**Cost: At least \$0.40 per  
bottle, \$86.40/pallet.**

**Cost for 1 year for one  
person: \$1,460.**

**Cost for 2 years for one  
person: \$2,920.**

**Produces more than  
10 litres per hour**



**About 20 days (person  
survival use)/day of  
water per 20 hour day.**

**Weight: about 12  
Kg or 26.4 pounds**

**Cost: Initial cost of \$200.**

**Cost for 1 year for one  
person: \$20.**

**Cost for 2 years for one  
person per year: \$10.**

**Cost for 10 years for one  
person per year: \$2.**

## Case Study: Emergency Response Puerto Rico hurricane 2018 (CNN).



**20,000 pallets of bottled water (432,000 person-days survival supply). Enough for 1,184 people per year.**

**Cost of at least \$2,000,000 delivered by truck or helicopter. Consumed after one year. No legacy.**

**20,000 pallets worth of plastic bottles to waste/year.**

**Cabin Clean Water Filter: Assuming 5 people per family, it follows that about 237 filters would be required for 1,184 people. (Note that this will only use 1/2 the daily treatment capacity of a filter.)**

**Cost would be about \$47,342 delivered by truck, helicopter, car, motorcycle, bicycle, mule, horse, camel or person. Can be used for at least 10 years. Cost per family of five over ten years is \$20.00 per year or \$4.00 per year per person.**

**No plastic bottles to waste.**

See [www.cabincleanwaterfilter.com](http://www.cabincleanwaterfilter.com) and [www.manzwaterinfo.ca](http://www.manzwaterinfo.ca)