

# LifeStraw® Personal



## LifeStraw® Personal – Introduction

Half of the world's poor suffer from waterborne disease, and nearly 6,000 people - mainly children - die each day by consuming unsafe drinking water.

LifeStraw® water purifiers have been developed as a practical way of preventing disease and saving lives, as well as achieving the Millennium Development Goal of reducing by one-half the proportion of people without sustainable access to safe water by the year 2015.



## LifeStraw® Personal - Product Features

- Offers easy access to safe drinking water away from home.
- Filters a minimum of 700 litres of water.
- Kills and removes 99.999% of waterborne bacteria.
- Kills and removes 98.2% of waterborne viruses.
- Removes particles down to 15 microns.
- Requires no electrical power or spare parts for the life time of the straw.
- Easy to mass-distribute in areas where drinking water is contaminated.



## LifeStraw® Personal - Specifications

<b>Name</b>	LifeStraw® Personal	
<b>Description</b>	Portable water purifier	
<b>Composition</b>	Outer shell made of high impact polystyrene String to hang around the neck	
<b>Active Ingredient</b>	Halogenated resin Elutes active halogen into influent water for inactivation of bacteria  Strong base anion exchange resin Adsorbs negatively-charged halogen residuals  Granular activated carbon (silver-impregnated) Adsorbs residual active halogen	
<b>Efficacy</b>	Effective against waterborne bacteria and viruses.	
<b>Safety</b>	Residual silver levels: below WHO guideline value and the US EPA MCL of 100 ppb  Residual iodine levels: non-existent/ within WHO limits .	
<b>Capacity</b>	Minimum 700 litres or 1 year* (*calculated approximately on consumption of 2 litre water/day)	
<b>Filters</b>	2 stage particle filtration – filters particles from 125 micron down to minimal 15 micron.	
<b>Size</b>	31 cm long, 2.9 cm in diameter.	
<b>Weight</b>	140 grams (dry) 160 grams (wet)	
<b>Shelf Life</b>	3 years when stored in shade and exposed to maximum 30° C	
<b>Packing</b>	Type	PE barrier pack
	Qty per carton	100 pcs



**PLEASE CONTACT YOUR REGIONAL DISTRIBUTOR:**

**XSPEC TECHNOLOGY SDN BHD**

**No. 8, Jalan Industri USJ 1/8, Taman Perindustrian USJ 1, 47600 Subang Jaya, Selangor, Malaysia.**

**Tel: +60 3 80231161 Fax: +60 3 80231167 <http://www.xspec.com.my> or [inquiry@xspec.com.my](mailto:inquiry@xspec.com.my)**