

The Little Company with the Big Pitcher

According to the WHO/UNICEF (2008)

- 3 billion people lack access to clean safe drinking water
- 10,000 people die each day from drinking contaminated water (6,000 of these are children) and the health of millions is adversely affected.

The Big Pitcher Provides

- A developed world product to the developing world
- Pure clean filtered water on demand
- Minimal cost to all families worldwide
- A practical solution to Conserving water usage
- A reduction in the need for plastic bottles
- Superior filtration and takes out harmful microbes

✓	Cryptosporidium	> 99.9999%	✓	Legionella	> 99.9999%
✓	Giardia	> 99.9999%	✓	E.coli	> 99.99%
✓	Chlorine	> 85%,	✓	Bromates	>93.2% LLD etc

plus contaminants which includes hormones, pesticides and herbicides.

- A Filter capable of backwashing which gives a longer filtration life.
- 7,200 litres of safe clean drinking water per year for less than 1cent per litre

Also removes by occlusion/pore value:

- ✓ **Shistosoma causing Shistosomiasis** (According to Wiki: is the second most socioeconomically devastating parasitic disease after malaria).
- ✓ **Echinococcus Vogeli causes Echinococcosis** (According to Wiki: is a serious disease that not only has a significantly high fatality rate, but also has the potential to become an emerging disease in many countries).
- ✓ **Dracunculus** (Guinea Worm)
- ✓ **Trypanosoma** (Sleeping Sickness)
- ✓ **Fasciola Hepatica/Liver fluke** (Causes liver rot)
- ✓ **Onchiocerca Volvulus** (River Blindness)
- ✓ **Spiroketes** (Most well known of which is Leptospira causes weils disease)
- ✓ **Threadworm / Hookworm**
- ✓ **Pinworm** (causes enterobiasis in children in developed world)
- ✓ **Tapeworm / Roundworm**
- ✓ **Ascaris / Taenia Soliumts)**
- ✓ **Hymenolepsis Nana**
- ✓ **Cyclospora Cayetanensis (Protozoan Cysts)**
- ✓ **Unassisted flow rates**, for domestic and industry usage o f 1 litre per minute over 11 sq centimetres at 100 millibar which is up to 700 times faster than the closest rival in the ceramics market.
- ✓ **Low production cost**



Company	Capacity	Crypto & Giardia	Ecoli	Pesticides & Herbicides	Hormones & Zeno Oestrogens	Heavy Metal & Contaminants	Ingredients	Speed of Process	Turbidity
Aqua-Nu Big Pitcher	Water on Demand	Yes 99.99%	Yes 99.9%	Yes	Yes	Yes	All food safe ingredients	Water on Demand	Capable of back wash removes Turbidity
P & G Sachets	Depend on size of container	Yes	99.9%	No	No	Yes	Ferric Sulphate calcium hydrochlorate Both irritant of Digestive System	Depend on container	Removes
Lito Straw	N/A	No	Yes / No figures	No	No	Small Amount	Silver Iodine	N/A	Does not remove
Crystal Pur Jug	Very small 6 glasses	99.9%	99.9%	Yes	Yes	Yes	No Known	Very small 6 glasses only	Not to be used in Turbulent water
Sodus	Very slow depends on bottles Takes 1-2 days to filter	No	Yes / Depends on exposure	No	No	No	Pet plastic leaches hormone disruptors	Depends on availability of pet bottles	Does not remove
Biosand	Small amount at a time	No	Yes but not dependable	No	No	Yes	None	Depends on vessels	Removes partially
Chlorination	Depends on vessel	No Crypto Yes Giardia	Yes	No	No	No	Chlorine in itself is a chemical	30min stand time	Does not remove

“Aqua-Nu’s intention and vision is to provide clean, safe drinking water to people and organizations worldwide at a very low cost”.

