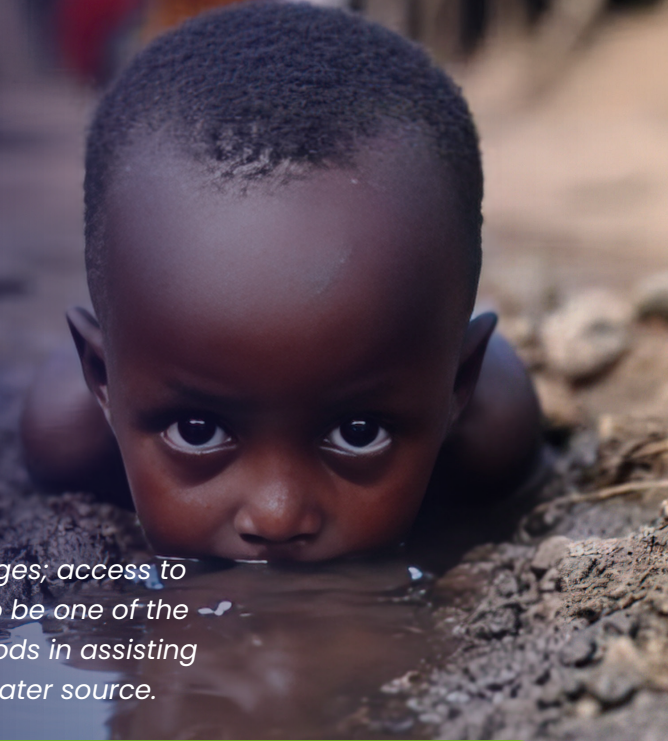




Sydney 905 FILTERS®



FACT SHEET

Sydney 905 Filters tackles one of the world's greatest challenges; access to clean water. Our innovative **Purifiers and Filters** are proven to be one of the fastest, easiest, highly efficient and most cost effective methods in assisting distressed communities to obtain safe water, regardless of water source.

THE GLOBAL WATER CRISIS...it doesn't need to be this way!

The Problem

(Source WHO, UN & Statista)

 **2.2 Billion**

people lack access to safely managed drinking water

 **200 Million**

people have been displaced in the last 10 years as a result of natural and man-made disasters

 **3.5 Million**

people die annually in emerging countries as a result of waterborne diseases

The Global Water Crisis

represents a global social and environmental challenge that Sydney 905 Filters is dedicated to improving in order to make a positive difference.

Contamination of groundwater sources leads to spread of waterborne diseases.



MISSION & VALUES

-  The company prides itself in its level of customer service and professionalism whilst still ensuring fair and competitive pricing.
-  Our product is vital to underpinning human and environmental betterment initiatives and thus make every endeavour to align our core capabilities to support these initiatives, both locally and internationally.



THE COMPANY

Based on the South Coast of KwaZulu-Natal, South Africa. We have designed, developed and supply two highly recommended and globally unique filters, namely, the Sydney 905 Filter® which is a 0.1 micron hollow fibre Point-of-Use (POU) microfiltration water filter as well as the Sydney 905 Purifier® which is a 0.01 micron hollow fibre POU ultrafiltration water purifier. Both are highly effective, versatile, cost efficient, fully sustainable, robust and portable and will augment any existing water supply systems, whether improved or unimproved, urban or rural.



EFFECTIVE **PORTABLE** AND SUSTAINABLE.

- High Flow Rate**
- Reduces Plastic Pollution**
as no need to buy bottled water
- Made with Durable Materials**
- Exceeds WHO Filtering Standards**
- 100% Sustainable**
as there are no replacement cartridges required
- Hollow Fibre Medical Dialysis Technology**
- No Loss of Natural Minerals**
as no chemicals are required
- Highly Cost Effective**
- No Wastage**
as there is no spare kits required
- Extremely Versatile**
- Can be used in Extreme Conditions**



HOW IT WORKS

Filter Kit includes portable water filter, syringe for cleaning, calico carrier bag, and easy-to-follow instructions.

- Utilises Hollow Fibre Medical Dialysis Technology.
- Equipped with a choice of either 0.1 or 0.01 micron membrane Point-of-Use (POU) micro and ultrafiltration pores for superior filtration, making them way more effective than most common filters.
- Operates with gravity systems, pressurized piped systems or portable plastic bottles.
- High flow rate (approximately 50l per hour) from gravity to a recommended approximate 2.5 bars pressure.
- 100% sustainable with no replacement cartridges, chemicals or spare kits required.
- Manufactured from durable materials for extended life-span.
- Cost effective, portable, the most versatile filter in the market and fully sustainable.
- Augments or replaces any existing water supply systems, whether improved or unimproved, urban or rural.

USE CASES



GRAVITY FED SYSTEMS

These filters will empower people and households.



PRESSURIZED PIPE SYSTEMS

Extend the reach of receiving clean and safe water.

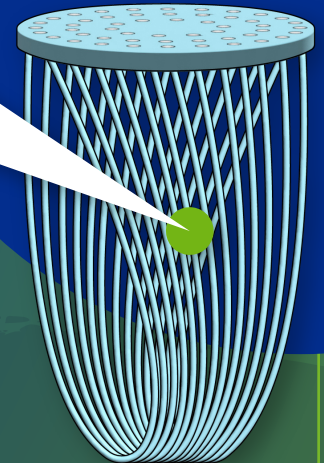
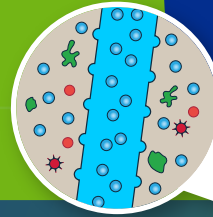


PORTABLE PLASTIC BOTTLES

Sydney 905 Filter being used on a bottle of dirty river water.

BENEFITS OF SYDNEY 905 FILTERS

99.999992%
Contamination
Removal Rate



- Certified by WHO to be Log 7.2, far exceeding WHO standards for the removal of microbiological contamination in water, and thus 99.999992% effective in the removal of all microplastics and **pathogens*** from water, which includes Cholera, E-coli, Salmonella, and many viruses. The 0.01 micron ultrafiltration purifier has the additional benefit, whereby all known waterborne viruses, such as Hepatitis A&E, Poliovirus and many others, are removed.
- They empower households to maintain the integrity of their own water consumption, i.e. becoming "self-providers", and have a "decentralising effect" on the supply of potable water by government, local authorities and any other support entities.
- Beneficiaries will have access to clean and safe water no matter the source of the raw water.
- They provide the ability to create lasting improved health, good hygiene practices and thus sustain human growth and development and overall improved wellbeing.
- There will be less absenteeism from school and work because the incidences of disease especially preventable waterborne disease, are significantly lowered.
- Less money needs to be spent on, inter alia, buying fuels to burn to boil water for purification and on medication and doctor or clinic visits, which is a cost saving for the individual, family and government/support entity.
- There is no loss of the good natural minerals in the filtered water and no chemicals are required for filtration.
- Deforestation is slowed as communities no longer need to burn wood in order to boil drinking water.
- Plastic water bottle pollution is substantially reduced as bottled water is no longer an aid necessity.

**Pathogen: An organism which causes disease to its host; comprising viruses, unicellular and multicellular eukaryotes including bacteria, fungi, protozoa, worms and viruses.*



"For years we were considering a filtration system, most of the systems we looked at were overpriced and complicated to fit. By chance, we came across the Sydney905 water filter. We are now enjoying filtered tap water with just a little extra freshness to it. Super affordable, easy to fit, and a simple online purchase. Thanks for this great little gadget and lovely sparkling drinking water."

– *Jenny and Johan Radcliffe*

CHANGING LIVES – ONE FILTER AT A TIME



WATCH NOW

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 **Sydney 905**
FILTERS®

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