



CLEAN DRINKING WATER FROM A FRESHWATER SOURCE OR SEAWATER SOURCE

NISIT International Ltd and Wananchi UK Ltd are introducing a new portable solution for those affected by drought and water shortages worldwide.

The smallest system is man-portable but options are available on Trailers and in containers for considerable increase in drinking water creation.

UN World Water Development Report 2023 stated that.

https://en.wikipedia.org/wiki/UN_World_Water_Development_Report

“Between two and three billion people worldwide experience water shortages. These shortages will worsen in the coming decades, especially in cities, if international cooperation in this area is not boosted, warn UNESCO and UN-Water in the latest edition of the UN World Water Development Report.”

We have developed both modular, man-portable systems to provide fresh drinking water from any fresh water source available. In addition, we also provide man-portable systems which will create fresh drinking water from seawater or salt water.

Two distinct units are available, depending on the requirements, they are summarised below;

FRESH WATER SOURCES

The **Séon UV** fresh water purification system has been developed over many years working directly with Search and Rescue Teams, Humanitarian Organisations and UK and Overseas Defence organisations to provide safe drinking water in the most isolated of locations.

The smallest unit capable of providing fresh clean drinking water at the source, with a capacity of 600 litres per hour is;

- Lightweight, portable
- 600 litres of pure water per hour
- Fresh water system
- Set up in minutes.
- Military standard housing
- 12 Volt Operation power



- Integral power pack and pump

Weighing in at only 43 kg whilst delivering up to 600 litres per hour, **Séon UV** is a powerful tool for any deployed team working in remote places. Currently in use with several aid organisations and military including UKSF, this unit has seen operation in some of the harshest terrains in the world.

All that is required is a freshwater source. Using ultramodern technology this unit negates the need to carry or transport large volumes of drinking water, with a weight of 1 Kg per litre, providing 600 litres is a logistic nightmare whether transported by vehicle or by manpower.

The **Séon UV** system can provide critical water anywhere there is a freshwater source of any kind nearby.

Click here for **Séon UV** Freshwater system in English or Arabic

Videos



English
Video



English and Arabic
Video

Brochures



English
Brochure



Arabic
Brochure

Seawater purification to clean fresh drinking water

As with the freshwater unit, the Séon RO System is designed to convert any seawater source to fresh clean drinking water.

The Séon RO Seawolf system was developed over many years working directly with Search and Rescue Teams, Humanitarian Organisations and UK and Overseas Defence organisations to provide safe drinking water in the most isolated of locations.

The system operates on 12 Volts and with a filter life of up to 10,000 hours, it is a valuable resource for countries where freshwater is at a premium or does not exist. This system has also been proven in many harsh regions with great success making it the favoured, mobile system for many search and rescue, humanitarian organisations and military units.

- ✓ 60 litres of clean water per hour
- ✓ Fresh water system
- ✓ Set up in 5 minutes
- ✓ Military Approved housing
- ✓ Integral power pack and pump
- ✓ Water drinkable within 2 minutes after turning on
- ✓ Man-portable



Both systems are leading the way in providing essential life-saving water to areas where water is at a premium.

- No longer the need to dig expensive wells.
- No longer does water have to be transported in storage tanks when pure, clean drinking water can be made available from Freshwater sources, nor through large Desalination plants.
- Both systems are portable and man-portable or readily fit in the boot of a standard vehicle.

Videos



Saltwater video
English



Saltwater video
Arabic

Brochures



Saltwater Brochure
English



Saltwater Brochure
Arabic

Both units are available also in differing formats such as;



Séon RO Seawolf Trailer unit



Séon Freshwater Trailer unit



Both units can be in Containers.
(Made to Order only)

IMPORTANT

NO EXPORT LICENSES ARE REQUIRED FOR THESE PRODUCTS.

Enquiries: Contact@nisit.co.uk

Link: [email](#)

Stephen McCully

BSc (Hons), D.I.S., C.Eng., M.I. Mech.E

Managing Director

NISIT International Ltd