

**MUCH  
MORE  
WATER**

**We make any  
water source  
safe to drink**



**Water Made Safe. Anywhere. Anytime.**

# List of references



## Selected installations in more than 40 countries

### EMERGENCY RESPONSE

<b>Afghanistan</b>	Water supply for Field hospital in Kabul, 2013	Danish Emergency Management Agency
<b>Chad, D.R.</b>	Solar powered water supply for hospitals Trailer mounted	UN, WHO
<b>Estonia</b>	capacity building for fast response	Estonian Rescue Board
<b>Haiti</b>	Water purification for UN camp in Haiti	DEMA Danish Emergency Mgt Agency
<b>India</b>	Water supply for Emergency Relief at Kashmir earthquake site	DEMA Danish Emergency Mgt Agency
<b>Indonesia</b>	Emergency supply for the tsunami-struck area, Banda Aceh	PT Bintang Inti Baya
<b>Iran</b>	Water supply for relief mission during earthquake in Bam	UNICEF, UN
<b>Nigeria</b>	Solar powered water supply for hospitals & helath clinics Trailer mount	UN, UNICEF
<b>Pakistan</b>	Water supply village during flooding	DEMA Danish Emergency Mgt Agency
<b>Sierra Leone</b>	Mobile water refugee camp fighting against Ebola	DFID UK, DEMA DK, DSB Norway
<b>Uganda</b>	Mobile water supply for International agencies fighting against Ebola	Ukraine relief organisation
<b>Ukraine</b>	Water during conflict in Mykoljiv and emergency hospitals	Red Cross, DK and DE governments

### DEFENCE

<b>Brazil</b>	Mobile water supply for Brazilian border patrols	Brazilian Armed Forces
<b>Finland</b>	Mobile units for fast reaction	Finnish Emergency Agency
<b>Mozambique</b>	Fresh & Saline Water purification mobile units	Mozambique Army
<b>NATO</b>	Capacity building for short response time	NATO
<b>Nederlands</b>	Camp capacity	Ministerie van Defensie
<b>Sweden</b>	Capacity and fast response	Swedish Armed Forces
<b>UK Armed Forces</b>	Capacity building for short response time	UK Armed Forces
<b>Uruguay</b>	Capacity building for short response time	Uruguay Armed Forces

### HUMANITARIAN AND OTHER

<b>Bangladesh</b>	Permanent water supply for OEKO Tex - textile factory Dhaka	Foreign Ministry Denmark
<b>Brazil</b>	Permanent water supply for 10 schools in rural Amazons	Danida, Foreign Ministry Denmark
<b>Cameroun</b>	Installation remote village Ltd.	Water & Welfare Equipment Camoeroun
<b>Central African Republic CAR</b>	Emergency Water supply	DEMA DK Emergency Agency relief mission
<b>China</b>	Private company water supply	Fastway Technology (HongKong) Ltd.
<b>Denmark</b>	Water supply for Rapid Relief camp and hospital	Danish Emergency Management Agency
<b>Gaza</b>	Water supply for field hospital	Red Cros
<b>Somalia</b>	Water supply to major city	UN
<b>Vietnam</b>	Permanent water supply at Health Clinic in Vi Thui village, Can Tho	Center for Rural Water Supply & Sanitation

# What if a box could make any water source safe to drink

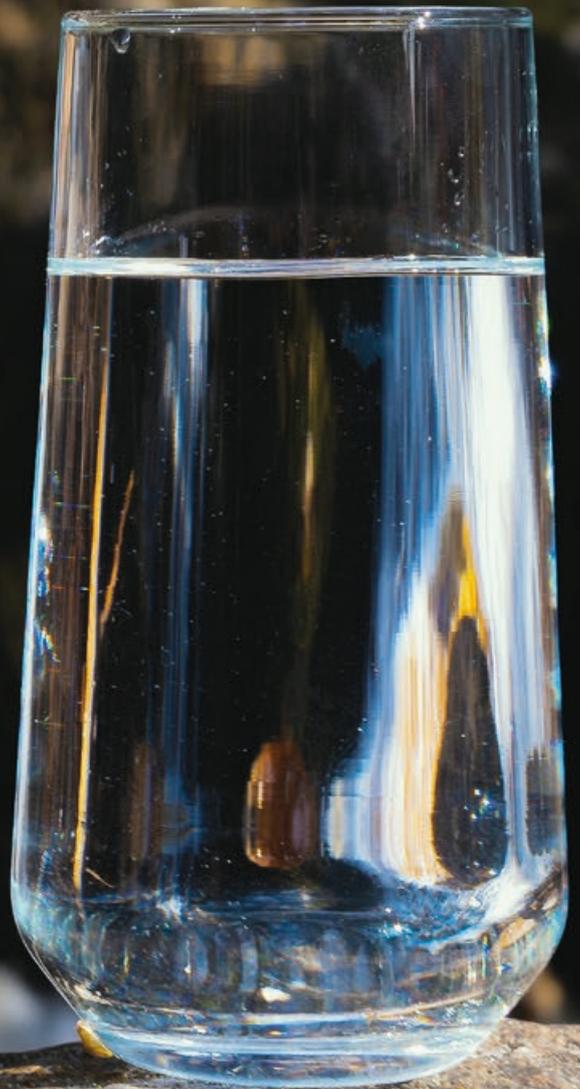
## BlueBox by MuchMoreWater

Safe drinking water is never a given. That's why we've developed mobile water purification systems built for where clean water is needed most.

BlueBox solves this challenge by making it possible to produce safe, drinking-grade water on-site – from rivers, lakes, wells, sea water, and brackish or contaminated sources.

From remote villages to military camps and disaster zones, each BlueBox is a complete, compact solution that transforms virtually any water source into water that's safe to drink.

**Water Made Safe. Anywhere. Anytime.**



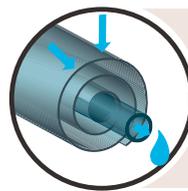
MUCH  
MORE  
WATER



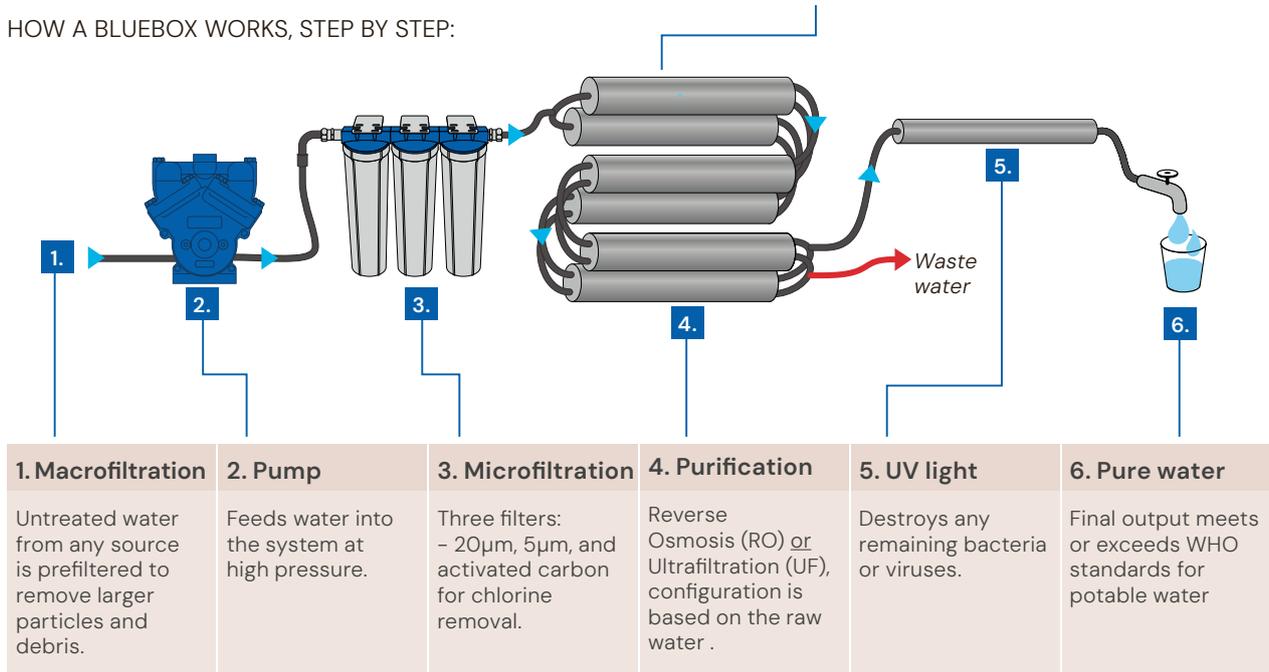
# Inside the BlueBox: How raw water becomes safe to drink

We have ensured the BlueBox can stand up to the harsh conditions with a solid construction and a simple design. Raw water is pressurised and passed through a series of purification stages. The process combines mechanical filtration, membrane technology and UV disinfection – all integrated in a single compact system.

HOW A BLUEBOX WORKS, STEP BY STEP:



**Reverse osmosis membrane**  
Pressurised water is forced through a dense membrane. Only pure water molecules pass through – contaminants are flushed away.



TREATMENT INCLUDES:

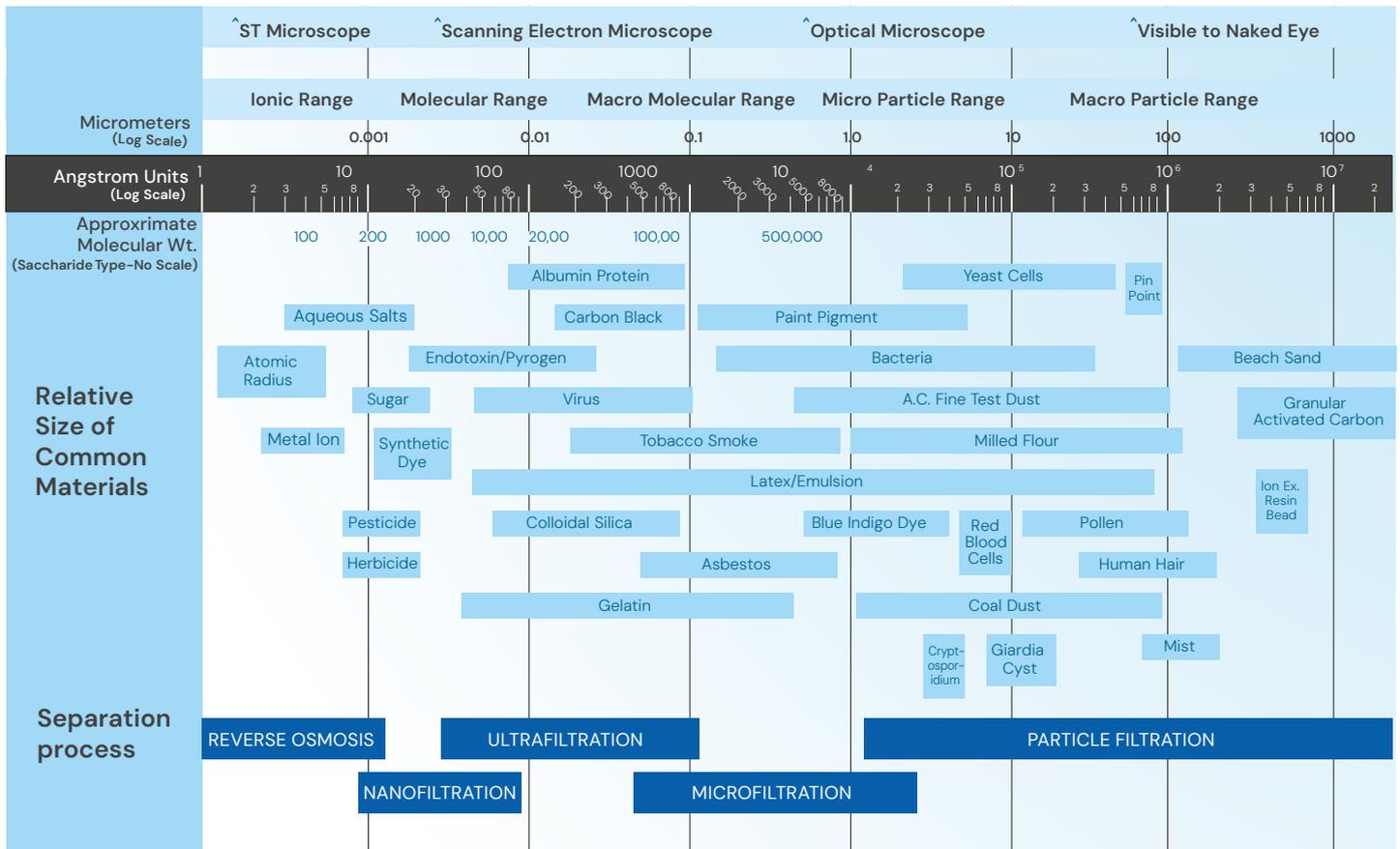
In some cases, additional treatment is needed after UV purification to stabilise the water, ensure safe storage, or meet specific health standards. Here are three common treatment options:

Aluminium sulphate (pre-treatment)	Chlorination (post-treatment)	Re-mineralisation (post-treatment)
Aluminium sulphate helps coagulate and bind microscopic matter, making it easier to filter or settle out. This is especially relevant for turbid or surface water sources.	Adds a controlled dose of chlorine to ensure residual disinfection. This protects the water during transport and storage, reducing the risk of recontamination – especially in warm climates or in distribution systems.	Reverse osmosis removes nearly all dissolved minerals. Re-mineralisation restores essential minerals like calcium and magnesium to improve taste and health – particularly for long-term consumption.

# How filtration works

Water purification uses different separation processes depending on what needs to be removed. This diagram shows the relative size of contaminants – from microplastics to viruses – and where each filtration method is most effective.

Reverse osmosis removes even the smallest contaminants. Ultrafilters stop bacteria and most viruses. Micro- and particle filters catch sand, rust and larger debris. Each BlueBox is built to suit your specific needs.



## Reverse Osmosis: Removing 99.6% of all contaminants

Reverse osmosis (RO) uses high pressure to force water through an extremely dense membrane. Only pure water molecules pass through – almost everything else is blocked and flushed away. **RO is one of the most effective technologies available for fresh, brackish and sea water.**

It reliably removes 99.6% of all contaminants, including:

- **Heavy metals** such as lead, copper, chromium and mercury
- **Toxins and chemicals** like arsenic, fluoride, nitrates, PFAS and pesticides
- **Microorganisms** including bacteria (e.g. E. coli), viruses and parasites (e.g. Giardia)
- **Organic materials** such as industrial waste and pharmaceutical residues

The result is ultra-clean water that exceeds WHO and NATO standards – even from sources contaminated by CBRN threats.

# No BlueBox is the same. But every BlueBox is built the same way.

At MuchMoreWater, we don't just deliver mobile water units — we build reliable solutions for your exact situation. Whether it's a compact suitcase or a large-scale setup, every BlueBox is designed with the same core principles in mind.

From mobility and simplicity to durability and readiness — these are the values engineered into every unit. Proven in the field, and built to perform where failure is not an option.



## Mobility is key.

- ☑ Optimised for smooth logistics and transport
- ☑ Compact and self-contained for instant use
- ☑ Built to access remote or damaged areas



## Simplicity in action.

- ☑ Easy to operate — no specialists needed
- ☑ Rapid setup — safe water in minutes
- ☑ Intuitive design — minimised risk and user error



## Built to endure.

- ☑ Robust construction for the toughest environments
- ☑ Easy maintenance with standard tools
- ☑ Built to last, mission after mission.



## Complete. Delivered.

- ☑ Fully configured solutions — ready to integrate
- ☑ All components, accessories and connections included
- ☑ Expert guidance 24/7/365

# Form follows function. And mission.

Every BlueBox is built to meet a specific water need – not a predefined shape.

That's why we group our solutions by output, not by format.

From lightweight suitcase units to robust container systems, each BlueBox is made to order and configured to match your operational setup.

Whether it's a hand-carried unit for emergency response or a high-capacity installation for long-term use, the function defines the form.



## BlueBox 30-300

COMPACT. CARRIED. READY IN MINUTES.

Designed for mobile teams and rapid deployment, this unit can be carried by one person. Ideal for first responders and missions where time and mobility are critical.

Capacity: 30-300 l/h. Supplies 144-1440 People.  
Format: Hand-carried case or vehicle-mounted (~28 kg)



## BlueBox 300-8000

FLEXIBLE, POWERFUL, AND FIELD-PROVEN.

Used by armed forces, civil protection and humanitarian actors across the world, this category offers the best balance between size, capacity and adaptability. Each unit is configured to meet your specific needs.

Capacity: 300-8,000 l/hr. Supplies 1440 - 38,400 People.  
Format: Pallet-size box, skid-mounted or custom-integrated (125-360 kg)



## BlueBox 6000-20,000+

BUILT FOR SCALE. DESIGNED TO INTEGRATE.

Configured for large-scale or fixed installations, this solution meets the needs of high-volume operations. Whether in field hospitals, basecamps or infrastructure hubs, it delivers safe water where it matters most.

Capacity: 6,000-20,000l/hr l/hr. Supplies 28,800+ People.  
Format: Container, skid-mounted or fixed installation

# BlueBox 30–300



## Compact. Carried. Ready in minutes.

When time, access and weight are critical, this is the solution.

BlueBox 30–300 units are designed for single-person handling and quick deployment. Despite their size, they deliver the same level of water safety as larger systems – and all configurations are built to order and can be adapted for vehicle-mounting, solar power or integration in mobile teams.

From expeditions and emergency teams to field medics and civil protection units – this category gets safe drinking water to the point of need.

### REAL-WORLD EXAMPLE FROM NORWAY:



NORWEGIAN  
CIVIL DEFENSE

## BlueBox 60RO/120UF

### A DUAL-MODE SYSTEM FOR UNPREDICTABLE MISSIONS

The Norwegian Civil Defense needed a lightweight unit that could handle varying water sources – from clean lakes to contaminated wells.

This BlueBox was configured with both UF and RO filtration, allowing field teams to switch between high output or maximum safety, depending on local conditions.

### SPECIFICATIONS

**Capacity** 30–300 L/h

**Supplies** 144–1440 people (5L/day)

**Format** Hand-carried  
or vehicle-mounted

**Weight** 28 kg

**Footprint** 650 × 500 × 400 mm

**Salinity** TDS up to 2,500 PPM

**Filtration** Multi-stage, configured to match  
source and risk level

**Pump** Self-priming membrane pump  
(can run dry)

### POWER SUPPLY

**Power consumption:** 0.1 kW

**Input voltage:** 220–230 V, 50/60 Hz

Systems can operate on:

- Power grid (110/230V)
- Integrated 12V battery
- Solar panel (soft or rigid)
- External battery or generator

*General accessories – such as power supply options, storage solutions and spare parts – are shown on a separate page and apply to all BlueBox categories.*

# BlueBox 300–8000



## Flexible, powerful, and field-proven.

Used by armed forces, civil protection and humanitarian actors across the world, this category offers the best balance between size, capacity and adaptability.

Each unit is made to order and configured to meet your specific needs – from standalone systems to scalable multi-unit setups.

Whether you're deploying to a field hospital, operating a camp, or supporting civil infrastructure, the BlueBox 300–8000 delivers proven performance in demanding environments.

### REAL-WORLD EXAMPLE FROM UNESCO:



## BlueBox 1200 RO Solar – Trailer Mount

### CASE: SELF-SUFFICIENT CLEAN WATER IN THE FIELD

Built on a trailer and powered entirely by the sun, this BlueBox can operate without fuel, grid or technical support – making it ideal for disaster zones or energy-scarce areas.

- No lifting or setup required – the system stays mounted and ready on the trailer
- Solar power with battery bank enables 24/7 operation, even at night
- Can be towed directly to the water source – no infrastructure needed on site

### SPECIFICATIONS

**Capacity** 300–8,000 L/h

**Supplies** 1440–38,400 people (5L/day)

**Format** Pallet-size box, skid-mounted or custom-integrated

**Weight** ~125–360 kg

**Footprint** ~800 × 600 × 800 mm (pallet-size example)

**Salinity** Up to 50,000 PPM

**Filtration** Fresh, brackish or sea water

**Pump** Self-priming membrane pump (can run dry)

### POWER SUPPLY

**Power consumption:** 0.9–4.0 kW (typical)

**Input voltage:** 110–230 V / 400 V, 50/60 Hz

Systems can operate on:

- Power grid (110/230/400 V)
- Integrated or external battery banks
- Solar panel (soft or rigid)
- Generator systems

*General accessories – such as power supply options, storage solutions and spare parts – are shown on a separate page and apply to all BlueBox categories.*

# BlueBox 6000-20,000+



## Built for scale. Designed to integrate.

When high-volume output, long-term reliability and system integration matter most, this category delivers.

Whether it's supporting large basecamps, municipalities or infrastructure-critical sites, BlueBox 6000-20,000+ units are built to handle complex needs – and configured to match your specific technical setup.

These systems are typically installed in containers, on skids or as part of permanent facilities – and they can be adapted to treat highly contaminated or large-volume water sources, even in CBRN-risk zones.

REAL-WORLD EXAMPLE FROM NATO:



## BlueBox 1200RO / 2400UF Container

### FLEXIBLE CAPACITY IN EXTREME CONDITIONS

This BlueBox container delivers safe drinking water for NATO troops – with both RO and UF purification built into one system.

It includes a 2,500 L tank and is equipped for Arctic and tropical conditions.

- RO: 1,200 L/h – UF: 2,400 L/h – switchable as needed
- Built-in storage tank with optional expansion
- Military-grade insulation and climate control

### SPECIFICATIONS

**Capacity** 6,000–28,800+ L/h

**Supplies** 48,000+ people (5 L/day)

**Format** Containerised, skid-mounted or fixed installation

**Weight** Depends on configuration

**Footprint** Scalable – from 10ft units to full modular arrays

**Salinity** Fresh, brackish or sea water (based on membrane selection)

**Filtration** Fully configurable

**Pump** Self-priming membrane pump (can run dry)

### POWER SUPPLY

**Power consumption:** 4–20+ kW

**Voltage:** 230V / 400V / 3-phase, 50/60 Hz

Systems can operate on:

- Power grid
- Hybrid power modules
- Solar-ready with appropriate capacity
- Integration into existing power supply

### AVAILABLE EXTRAS

- Remote monitoring module
- Custom automation and control integration

*General accessories – such as power supply options, storage solutions and spare parts – are shown on a separate page and apply to all BlueBox categories.*

# A complete setup for safe water: Introducing the BlueBox Ecosystem

MuchMoreWater's mission is to make safe water available wherever it's needed – but we know it takes more than purification alone.

Whether you're responding to a crisis, supporting mobile operations or building long-term infrastructure, water needs to be stored, powered, distributed and protected. It must be handled safely – even after use – and operated by people who know how to respond in the field.

That's why we've developed the BlueBox Ecosystem, from source to tap:

A modular suite of support systems that extends the capabilities of any BlueBox and ensures safe water becomes a complete, deployable solution.

Each part of the ecosystem is field-tested, scalable and designed to work seamlessly with our water purification units.

## THE ECOSYSTEM INCLUDES:

### **Power**

Fuel-powered generators, methanol, solar and hybrid systems to run your BlueBox anywhere, anytime.

### **Water Storage**

Flexible tanks to store, buffer or transport clean water on site

### **Distribution**

Tap kits, hoses and setups to get safe water to the point of use

### **Camp setups**

Protection and usability – from desert heat to Arctic cold

### **Wastewater**

Safe handling and discharge of used or greywater

### **Decontamination (CBRN)**

For high-risk environments with chemical, biological or radiological or nuclear threats

### **The Water Academy**

Training and onboarding to ensure confident, effective use in the field





# Power

## RELIABLE POWER FOR EVERY SCENARIO

Fuel-powered generators, solar panel kits, battery banks and hybrid systems – all matched to BlueBox specs. Power modules cover 0.1 to 20+ kW and are compatible with 12V, 230V and 400V setups.

Some examples:



### Solar power packs

Silent, low-maintenance energy for mobile operations. Our solar packs combine lightweight panels with smart battery storage – ideal for off-grid missions and locations where fuel is limited or noise is a concern.

Each system includes foldable or rigid panels, charge controller and battery bank. Perfect for powering smaller BlueBox units or supporting hybrid setups. Can be configured for rapid deployment and daily recharging, even in remote areas.



### Fuel Cell PowerBox 450

Compact and highly efficient power unit that runs silently on methanol cartridges. Designed for missions where conventional fuel or solar isn't practical.

The PowerBox 450 delivers stable 230V output and can power medium-sized BlueBox systems for long periods with minimal supervision. It runs on M28 EFOY Energy Cartridges – each providing up to 2.5 kWh of clean energy per fill. With low heat and no exhaust, it's safe for indoor or semi-enclosed environments. Ideal for medical posts, basecamps and mobile labs.



# Water storage

## FLEXIBLE STORAGE FOR SAFE WATER

Flexible storage solutions let you buffer purified water or create reserves for peak demand. Our tanks are collapsible, transportable, and available in various sizes and formats – from small-scale to large installations or to transport water to point of usage.

Some examples:



### BlueBox Bladder Tank

Flexible and foldable tank with low profile. Ideal for temporary storage and fast setup in the field.

The BlueBox Bladder tank is often used for clean water and is available from 500 litres to 100m<sup>3</sup>.



### BlueBox Onion Tank

Self-supporting tank with open top for quick visual inspection and easy filling. Designed for rapid deployment in rough or remote terrain.

The BlueBox Onion Tank is ideal for buffer storage of intake water and temporary setup near purification units. Available in multiple sizes up to 20 m<sup>3</sup>.



### BlueBox Combo

Stackable tank solution with integrated tap module and rugged outer shell. Used for both storage and controlled water distribution.

BlueBox Combo is well suited for mobile field units or camps, and is compatible with all BlueBox water output fittings.



### BlueBox Carry On

Lightweight and foldable jerrycan for personal or team-level water supply. Durable design with built-in handle and easy-fill cap.

The BlueBox Carry On holds 10 litres of clean water and can be packed flat when not in use – ideal for mobile teams and compact setups.



## Distribution

FROM WATER SOURCE TO TAP

We offer complete tap kits, hose solutions and modular setups that make it easy to deliver water where it's needed – whether that's a field clinic, camp kitchen or public distribution point .



## Camp setups

PROTECTION AND USABILITY – FROM DESERT HEAT TO ARCTIC COLD

Shelters, tents and protective covers that shield systems and teams from heat, frost and rain – and support complete camp infrastructure in any climate, from desert to Arctic.



## Wastewater

RESPONSIBLE HANDLING OF USED WATER

When water is used, it needs to be handled safely. We provide solutions for wastewater collection, controlled discharge and temporary storage – ensuring environmental protection, hygiene and compliance with field standards.



## Decontamination (CBRN)

CONFIGURED FOR HIGH-RISK ENVIRONMENTS

BlueBox systems can be configured for CBRN-contaminated water and combined with mobile decontamination for personnel and gear – fast to deploy, easy to integrate.



## The Water Academy

RAINING THAT MAKES A DIFFERENCE

We offer hands-on training and onboarding – in person or remotely – to ensure your team can operate, maintain and deploy your system with confidence, wherever the mission takes you.



# Water purification tailored to your needs

Because every BlueBox is built to your specifications we ask pertinent questions to ensure the machine meets your requirements.

- **How many litres per hour or day do you need?**
- **Alternatively how many litres do you need per person per day?**
- **What is the water going to be used for?**
- **What is the water source. Is it fresh, brackish or sea water?**
- **What is the distance from the water source to the machine?**  
We may need to provide an additional pump if it is too far away.
- **What other information do you have on the water source?**  
If available please provide a water analysis.
- **Do you know which technology is needed; RO, UF or DS?**
- **If needed which pre- or posttreatment is required?**  
For example aluminium sulphate for pretreatment and remineralisation or chlorination for posttreatment.
- **Which power supply is available?**



# The solution for clean drinking water in any situation



**MUCH  
MORE  
WATER**

**MUCH  
MORE  
WATER**

**Want to know which BlueBox  
fits your mission?**



**Water Made Safe. Anywhere. Anytime.**