

Product Catalogue



Clean water

– wherever you need it!

Eco Water provides a wide range of water purification systems suitable for most needs and situations.

Eco Gravity

A unique purification system, which can be used in any coherence, in any part of the world. No need for electricity or water pressure!

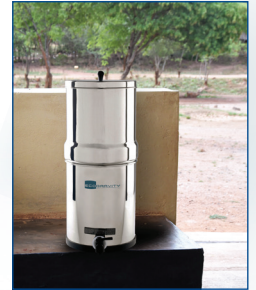
This system is perfect for households, cabins, refuge camps and emergency situations. Eco Gravity is a purification unit run solely by gravity. By simply filling water into the top compartment, it is then filtered through ceramic candles and filling up the lower compartment with clean, uncontaminated drinking water. The lower compartment has a small tap, open it, and you can enjoy clean drinking water. The system can deliver 2 liters of drinking water per hour.

This system is extremely easy to set up and highly user friendly. Weighing only 3 kg, it is easy to move. Simple maintenance. Stainless steel.

The system removes/reduces:*

- ✓ Bad taste, bad smell and colouring
- ✓ 99.9% particles/humus, including microplastics
- ✓ 99.9999% bacteria and cysts, like E. coli, shigella, cryptosporidium, giardia
- ✓ 99% volatile organic chemicals, nitrates, nitrites, chlorine and chloramine
- ✓ 99.3% lead
- ✓ 99.9% pesticides and herbicides

*Scan QR code for a complete performance data sheet



Capacity

Up to 2 liters per hour with two ceramic candles (water pressure dependent). It is advisable to change the candles after 2000 liters, or 6-12 months of daily use. The unit does not tolerate frost.

Measurements

Diameter: 22 cm
Height: 48 cm

Eco Rescue Flex

Small. Light. Customizable.

A unique portable water purification system developed in collaboration with advisors from the military, humanitarian organizations and Norwegian universities.

Eco Rescue Flex provides clean and safe drinking water in the field, from any fresh water source. Ideal for use in field camps, field hospitals, mobile kitchens etc. The unit's compact design makes it suitable as standard equipment in all kinds of vehicles.

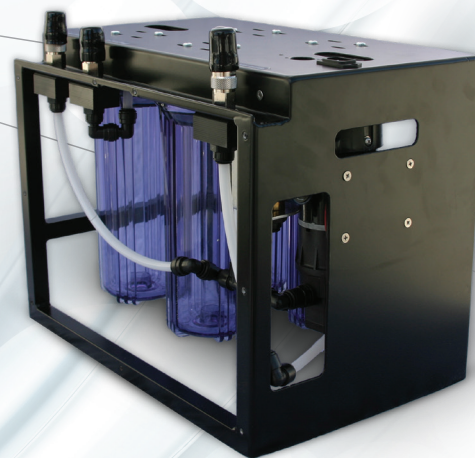
Eco Rescue Flex can be delivered with different filter configurations. **All configurations remove/control the levels of pathogenic bacteria, parasites, cysts, dangerous metals and chemicals.**

The system can also be delivered with a filter configuration that also removes 100% of viruses (8 Log) - a truly unique feature compared to other portable purification units available. This makes the unit suitable for situations that require "ultra clean" water (i.e. medical use/hospitals).

Eco Rescue Flex is designed to be customizable for individual needs. No need to carry a power adaptor if there's no electrical power available! In most situations our standard filter configuration is sufficient - but should you need it, the unit can protect you from viruses as well.

With Eco Rescue Flex you get reasonable size and reasonable weight - at a reasonable price!

The Eco Rescue Flex purification system includes: Inlet hose with prefilter, 4 Eco Rescue filters (configuration depending), detachable tap, outlet hose with tap. Versatile accessories / power options available (12V, 24V (NATO socket), 230V, manual handle).



Capacity

3-6 liters per minute. Up to 10 000 liters before replacement of filter cartridges. *) Capacity depends on filter configuration and water quality. Purified water will be safe to drink as long as the system delivers water through its filters. Taste, colour and odour may appear at an earlier stage, depending on input water quality (still safe to drink).

Measurements

Frame: H: 37cm, W: 44 cm, D: 30 cm
With case: H: 40 cm, W: 60 cm, D: 40 cm
Weight: From 15 kg

Eco Rescue+

One of the smallest and most portable POU systems on the market. The complete purification system fits into just one standard carrying case!

This is a new drinking water purification system developed in collaboration with advisors from humanitarian organizations and the Norwegian University NMBU.

With Eco Rescue+ you get an astonishingly efficient pumping station, with a reasonable size, weight and price. Due to an elevated level of performance, this unit delivers up to 1200 liters per hour!

Eco Rescue+ provides clean, safe and uncontaminated drinking water. The unit is compact, suitable for any area and any water quality. The system is ideal for use in any situation where there is an immediate need for high quality drinking water.

The system can also be customized to be delivered with a filter configuration, removing 100% of viruses (8 Log) - a truly unique feature compared to other portable purification units available.

The Eco Rescue+ system includes:

Inlet hose with prefilter, four Eco Rescue filters, detachable tap, outlet hose with tap and a pump needing 230V.

The unit can also be delivered with:

Low energy pump driven by a 6m² solar cell panel. No batteries needed. The pump can pump water from drill holes/wells down to 230m.

Pumping station

Pillow tank(s)



Capacity

Up to 25 liters per minute. About 125m³ before replacement of filter cartridges. Purified water will be safe to drink as long as the system delivers water through its filters. Taste, color and odour may appear at an early stage, depending on the quality of the water source (still safe to drink).

Measurements

Frame: H: 44 cm, W: 75 cm, D: 46 cm
 With case: H: 63 cm, W: 77 cm, D: 60 cm
 Weight: From 36kg

Eco Friendly/Friendly+

Developed to produce drinking water from water sources with poor quality!

The system is made up of several components with different characteristics, which together makes a very efficient and compact water purifier. All components are produced by well-known international manufacturers and thus the purification statistics are well documented.

Electricity is not required; the system runs on water pressure only. The unit is suitable for private households, offices and the humanitarian market i.e. staff camps, schools, health stations etc. It is also preferable to use in connection with water coolers and hot drink dispensers.

EcoFriendly+ is an extended version of the EcoFriendly purification system. The EcoFriendly+ has an extra pre-filter that removes larger particles like sand, rust, humus etc., preventing rapid clogging up of the other filters (if the quality of the water source is very poor).

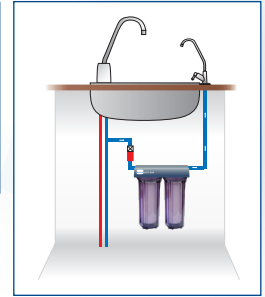
The system removes/reduces:*

- ✓ Bad taste, bad smell and colouring
- ✓ 99.9% humus, particles (including microplastics)
- ✓ 99.99999% bacteria and cysts, like E. coli, shigella, cryptosporidium, giardia
- ✓ 99.9% volatile organic chemicals, nitrates, nitrites, chlorine and chloramine
- ✓ 99.9% heavy metals, including lead and mercury
- ✓ 99.99% virus and disease-causing micro-organisms like rotavirus
- ✓ 99.9% pesticides and herbicides
- ✓ 99.9% pharmaceuticals

*Scan QR code for performance data sheet



Eco Friendly Pro



Capacity

2-4 liters per minute (water pressure dependent). Filter change after approx. 2 500 liters or after 6-12 months of daily use. Easy to install (i.e. in the cabinet under the kitchen sink). NB! water block is recommended. The unit does not tolerate frost.

Measurements

Width: 24 / 35,5 cm
Depth: 14 cm
Height: 32 cm

Eco Friendly Pro/Eco Friendly+ Pro

A customized system for healthcare/food industries, with valves for venting the system etc. Same performance data sheet as Eco Friendly/Eco Friendly+.

Eco Solution

Developed to produce optimal water quality for everyday use.

This filter system consists of several different components which together form a compact and very effective water purifier. All components are manufactured by reputable international manufacturers and purification properties are thus extremely well documented. The system is powered only by water pressure, power is therefore unnecessary.

The unit is very suitable for schools, health stations, staff camps, food production etc., where consumption does not exceed 1500 liters per hour.

The system removes/reduces:

- ✓ Bad taste, bad smell and colouring
- ✓ Particles/Humus
- ✓ 97 % chlorine
- ✓ 99,7 % turbidity
- ✓ Some heavy metals like lead and iron
- ✓ 99,99 % pathological bacteria
(E-Coli, salmonella, legionella, cholera, shigella, typhoid)
- ✓ 99,999 % parasites
(cryptosporidium, giardia)

The system also reduces the level of certain hazardous chemicals and heavy metals. This system will in most cases be able to produce drinking water quality. For optimal drinking water quality we recommended our Eco Friendly water purification unit.



Capacity

1500 liter pr. hour at 4 bar pressure. Filter replacement after 100.000 to 150.000 liters or approximately 12 months of daily use. To be installed on the water intake. The unit does not tolerate frost.

Measurements

Width: 38 cm
Depth: 21 cm
Height: 32 cm

Eco Lime/Calk Filter System

This system reduces the gray coating in the shower and prolongs the life of faucets, pipes and other equipment that is affected by lime deposits.

Can be used in all places where lime is a problem. Also suitable for waterborne heat systems and sprinkler systems. The system will protect against corrosion, providing optimal water flow and circulation.

The system is self-cleansing, requires minimal maintenance and is very easy to install.

Highlights:

- ✓ Protection against lime and corrosion
- ✓ Removes iron particles
- ✓ Self-cleansing
- ✓ Easy installation
- ✓ Minimal maintenance
- ✓ Do not require electricity
- ✓ Dosing by water use
- ✓ Satisfies all requirements and conditions for drinking water regulations
- ✓ Cartridge must be replaced when the red ball is situated at the bottom of the filter



Capacity

Approx. 30 000 liters before cartridge replacement.
 Max pressure: 10bar, (Tested under pressure: 25bar)
 Pressure drop: 0,2 – 0,7 bar

Drain valve: 1/2"
 Connections: 3/4"
 Material: PVC

Measurements

L: 115mm
 H: 210mm
 O: 72mm

Weight: 0.370kg
 Temperature: 0°C - 60°C
 Life span: +/- 35m3

Eco Flow

Water Purification Unit 4/6 m³

Our mobile water purification units are available from 4 – 6 m³/h mounted on trailer or skid. Designed to purify surface water from lakes, rivers or wells with turbidity up to 800 N.T.U. The unit is capable of producing drinking water free of physical and bacteriological contaminations.

The purification system has been used and proven its liability in emergency-situations for more than 20 years. The latest version with modifications was released in 2014.

Treatment process:

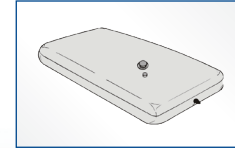
- 1 Suction and straining (diesel/solar motor pump)
- 2 Flocculation / Coagulation (alum sulphate – anionic/cationic polymer)
- 3 Filtration (sand and carbon filter)
- 4 Disinfection (inline venturi) - HTH Chambre

Packing list:

Diesel Motor-pump, with accessories and spare parts
 Flocculation and turbidity kit
 Hoses
 Tool-kit
 Consumables

Mechanical Warranty:

12 months from the date the goods are taken into use



Capacity

From 4 m³ per hour.
 Package includes media for 12 months of use.

Measurements

From 1 pallet, 60 cm x 80 cm x 100 cm

Eco Rack Unit

Rack unit developed to deliver optimal water quality.

The unit is delivered preassembled with pipes, fittings and taps. The only plumbing needed is to connect the unit to the inlet and outlet. Supplied flexi hoses with 3/4" female pipe threads makes the job easy for the plumber. The unit has a convenient drip tray at the bottom to avoid spills when changing filters. The unit is delivered with 2 pre-filter (5 and 1 micron filters), followed by the unique Eco Solution water filter technology to ensure safe and pure water.

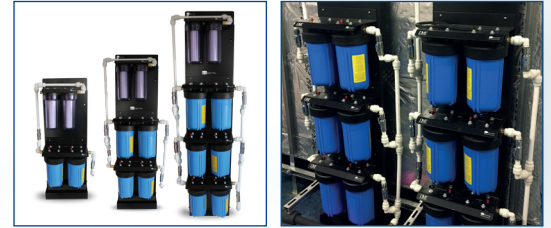
All components are manufactured by renowned international manufacturers. Purification specifications are well documented.

Operated solely by water pressure.

The system removes/reduces:

- ✓ Bad taste, bad smell and colouring
- ✓ Particles/Humus
- ✓ 97 % chlorine
- ✓ 99,7 % turbidity
- ✓ Some heavy metals like lead and iron
- ✓ 99,99 % pathological bacteria
(E-Coli, salmonella, legionella, cholera, shigella, typhoid)
- ✓ 99,999 % parasites
(cryptosporidium, giardia)

The unit also reduces the levels of some dangerous chemicals and heavy metals.



Capacity

1.500 - 4.500 liters pr. hour at 4 bars pressure.
Filter change recommended every 12 months (daily use).
The unit is to be installed on the water intake.

Measurements

Small; H:97 W:40 D:20 cm
Medium; H:141 W:40 D:20 cm
Large; H:178 W:40 D:20 cm

Eco Portable

Portable water filtration unit designed for outdoor use. Removes virus, bacteria, bad taste/smell and other pathogenic substances.

Eco Portable is light weight (only 238 grams) and ensures safe and clean drinking water wherever you are. Perfect for hiking, field trips etc. The patented purification system purifies any fresh water source, using 3 separate filtration stages; Polypropylene filter, carbon fibre and nano filter.

The unit can be used by squeezing the enclosed water bag or by attaching it to a PET bottle. You can also use the unit as a "straw" directly from the fresh water source!

Eco Portable is available in two models, manual or with a USB pump for higher capacity (powered by either the enclosed battery bank (AA batteries) or by using a power bank).

Easy to use. Small and light weight (238/496 g).
Refill filters available.

The system removes/reduces:

- ✓ Bad taste, bad smell and colouring
- ✓ 99.99994% bacteria
- ✓ 99.997% cysts
- ✓ 99.92% virus
- ✓ Particles/humus
- ✓ Microplastics



Capacity

Up to 1 liter per minute.
Filter lifespan: Up to 1000 liters.
The unit does not tolerate frost.

Measurements

245 x 65 x 60 mm / 220 x 110 x 75 mm (with pump)
Weight: 238g / 496g (with pump)

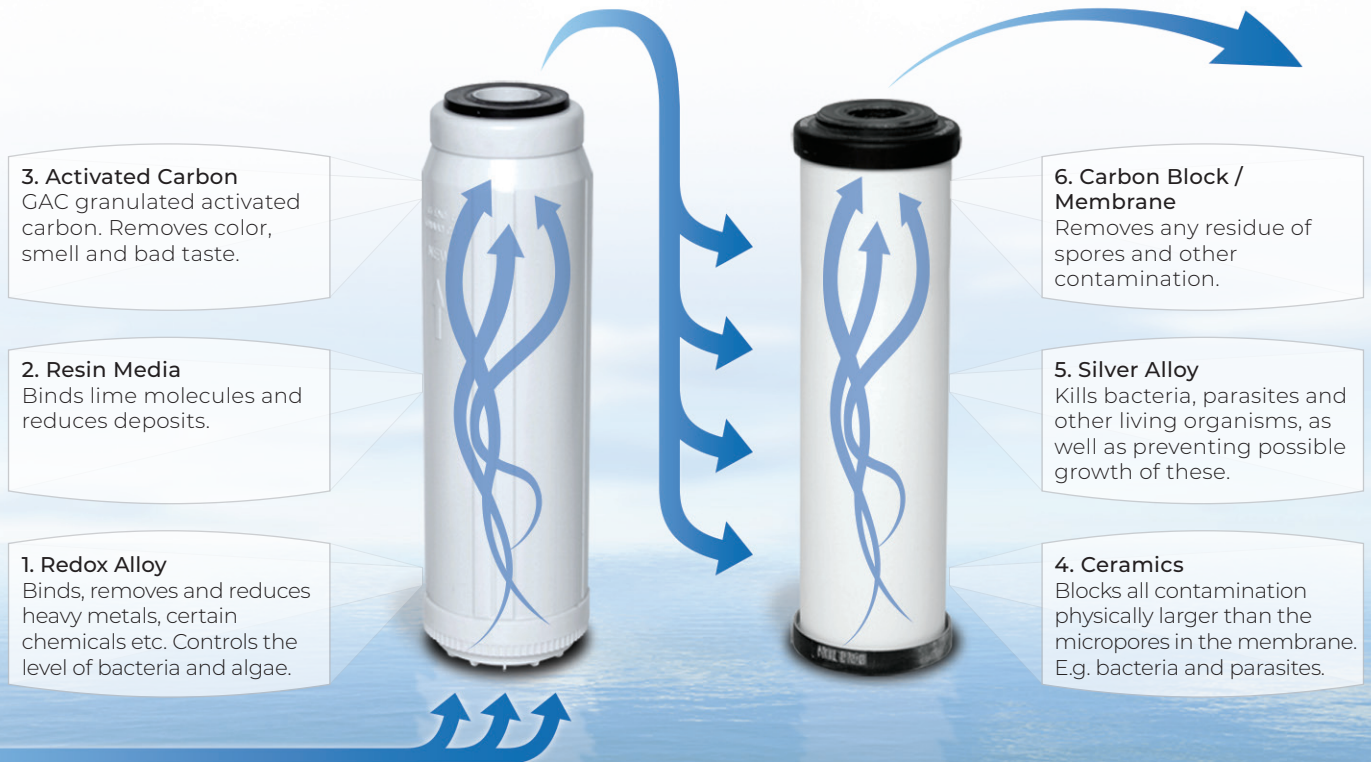
Technology

Eco Water has a safer and more cost-effective water purification technology for producing drinking water. Through its network, Eco Water provides water purification products to private households, medical services, dental markets and humanitarian organizations. We also deliver water purification systems to other industries, like fish farms, food industry, restaurants, office buildings and the military.

Eco Water manufactures water purifying products utilizing our own technology. The products are marketed under the trademark Eco Friendly, Eco Friendly Pro, Eco Solution, Eco Rescue, Eco Gravity, Eco Flow and Eco System.

The technology is based upon different well-known technologies and medias that have been used for decades. Some part of the technology has been in use to provide safe drinking water all the way back to ancient Rome. Some other parts have been used in industrial purification to remove heavy metals and chemicals from water sources.

It is the combination, and the order of the different medias, that makes the Eco Water technology unique. The technology does not require electricity. Hence, it is an environmentally friendly way to purify water.



Performance overview¹

Pathogenic Organisms/substances

Bacteria Removal:

Bacteria and cysts like E. Coli, Shigella, Cryptosporidium and Giardia 99.9999%

Parasite/Cyst Removal:²

Cryptosporidium 99.9%
Giardia 99.9%

Virus removal:

Rotavirus spp. 99.99%

Chemicals:

Volatile organic chemicals (VOC)², nitrates³, nitrites³, chlorine and chloramine 99.9%

Heavy metals:

Iron⁴ 94.64-99.8%
Lead >99.3%
Arsenic^{2,5}
Aluminium 99.5- 97.8%
Copper 54.1- 97.7%
Mercury 81.67-84.8%

Other:

Pesticides and Herbicides, including DDT 99.9%
Pharmaceuticals 99.9%
Particle reduction class 1, incl. microplastics 99.9%

Filters¹ are independently tested and certified to the following:

NSF/ANSI 42 Aesthetic Effects
NSF/ANSI 53 Health Effects
NSF - P231 Microbiological Water Purifiers

Approvals:
WRAS
KIWA

Scan QR code for performance data sheet



¹ Performance vary on different units/models.

² For further information on arsenic, VOC and Cyst, see performance data sheet.

³ In situations of high levels of nitrate and/or nitrites, a special modified resin filter cartridge is required.

⁴ In situations with high levels of iron, a special filter media is required.

⁵ In situations with high levels of arsenic, a special modified cartridge with Granulare Ferric Oxide is required.

Our vision

Corporate Social Responsibility should be a beacon in our line of work. We want to ensure environmental, social and economic considerations in all our operations and believe that the industry's future winners are those who manage to unite the global social and environmental challenges with profitable growth.

The products will provide customers with clear environmental benefits, made to encourage sustainable development. This means that our products and solutions shall meet current needs, while providing future generations the opportunity to meet their needs. It is also important that our subcontractors and partners live up to our requirements and that they are committed to protecting the environment in their own business.

You can have confidence that we as a provider are concerned about our social and environmental responsibility. The products help to enhance their own environmental efforts and can be used to document your own environmental and social responsibility.



Focusing on quality



Eco Water is working with customers in the retail and service industry, the humanitarian market, agriculture, dental, marine and offshore industries.



Eco Water is, through continuous improvement, innovative and strive to meet our customers' requirements for service, quality, environmental concerns, documentation and delivery.



Eco Water strive to be environmental and energy conscious and we always aim to reduce adverse environmental impact through our products and solutions.



Eco Water is a Norwegian company, specialized in developing and distributing water purification systems for several uses and settings.

Eco Water offers a unique range of high quality water purifications systems for a broad range of customers. We can also develop specialized systems according to our customer's special needs.

www.ecowater.no
post@ecowater.no

Product images may differ from delivered products. With reservations to misprints/typos.

Always with Eco Water

Eco Water's core competencies and competitive advantages are our knowledgeable and experienced staff, combined with our international network of professionals and leading manufacturers in its market segment.

Eco Water acts as producer, supplier and partner. We are a creative force that understands our customers' needs and assist in achieving their goals. This way we can contribute to enhance customer value.