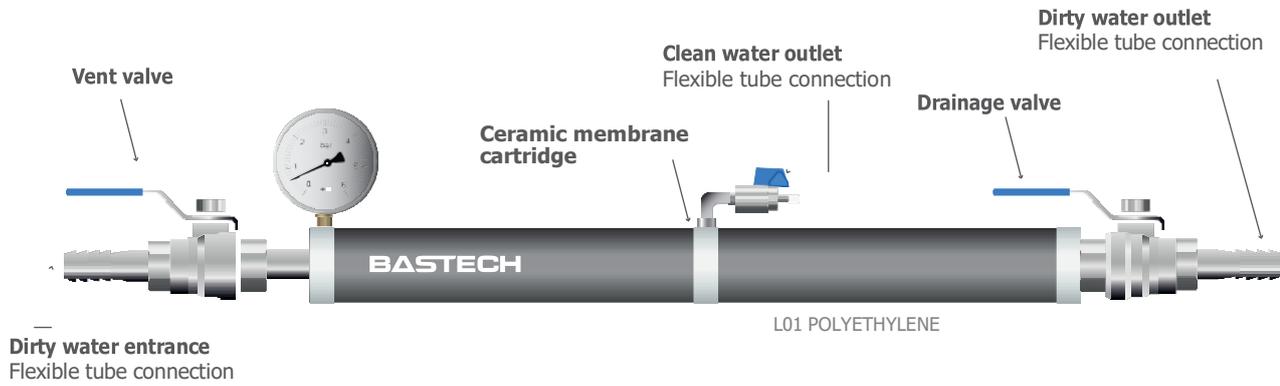


CERAMIC ULTRAFILTRATION

CARTRIDGE L01

PATENTED
SYSTEM

BASTECH[®]
WATER SOLUTIONS



Eliminates 99,9% of viruses and bacteria

What is it?

1

Cartridge L01® is a ceramic ultrafiltration system (nanotechnology). It eliminates bacteria, viruses and other pathogenic microorganisms from water.

What does it consist of?

2

The system is simple, the nanopores are smaller than the viruses, so their passage is impossible and so it leaves the water purified without any type of added process.

What makes it different?

3

The system has the capacity to supply purified water to a group of families, does not require electricity and includes a self-cleaning system that guarantees 10/12 years of use.



Cartridge LO1[®]

The cartridge is designed with a self-cleaning system. By simply opening the outlet valve (3), the deposits inside the cartridge are removed by dragging. With this simple action, complemented by cleaning with chlorinated water every 2 months, we guarantee 10/12 years of use of our system.

- **Eliminates 99.9% of viruses and bacteria**
- **Community use**
- **10/12 year of shelf life**
- **No electricity required**
- **High performance price/liter**
- **Capacity 480 liters per day**



No electricity required

Ultrafiltration membrane

A membrane is a semi-permeable physical barrier, capable of separating substances based on their size by a physical procedure and by applying a filtration pressure.





International certifications

Ceramic ultrafiltration

CARTRIDGE L01

PATENTED
SYSTEM

Bastech ® International is a registered trademark that holds the patent for the L01 Cartridge worldwide. This system is endorsed by the most relevant international certification companies and demonstrates the best results of the system for water purification through ceramic microfiltration.

The Cartridge L01 is a fully tested product to guarantee reliable results.

Certifying companies:



Collaborating companies:

SUPRACAFÉ®



PARQUE TECNOLÓGICO
TECNICAFE





Ceramic ultrafiltration

CARTRIDGE LO1

OWN MANUFACTURING

Bastech® manufactures its water solutions in its modern facilities in northern Spain. Bastech engineering capacity is capable of developing new applications suitable for every need.

It also has a large production capacity and logistics infrastructure, which allows it to manufacture any volumes the market may require.

Research and development is one of the strengths of Bastech®, always looking for new solutions in order to offer a personalized answer to each problem.

Our factory has a production and logistics capacity that allows us to manufacture large volumes in a timely manner.



RESEARCH + DEVELOPMENT
MANUFACTURING
ASSEMBLY
AND
LOGISTICS



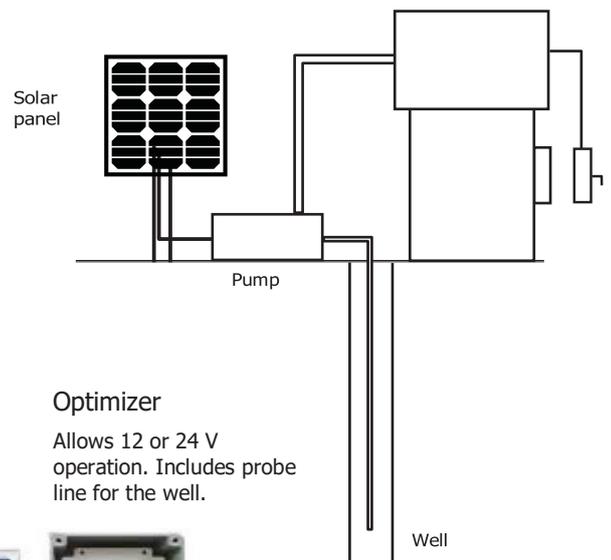
Ceramic ultrafiltration

CARTRIDGE L01

GRAVITY FILTERING

Bastech® has developed a system capable of extracting water from the subsoil with solar energy. A pump powered by a solar panel is capable of extracting water and raising it to different depths and powers.

EXTRACTION, STORAGE AND FILTERING



BASTECH®
WATER SOLUTIONS



1 Non-purified water container bag

Filter cartridge **2**

3 Filtered water ready to consume

Ceramic ultrafiltration

CARTRIDGE L01

SURVIVAL MILITARY KIT



1 Collect not purified water



2 Hang the bag at 3 m height



3 Filter and refill purified water container

Kit backpack
 Bag to collect unpurified water
 Hose quick coupler parts

3m long hose
 L01 Cartridge
 Transparent hose for filtered water