



Profine® UNO



Natural home-made water, removal of bacteria and viruses up to 0.15 µm

Profine® **UNO** offers in a single product:

- removes suspended matter, unpleasant odours and tastes, chlorine, any herbicides, pesticides, bacteria and viruses up to 0.15 µm
- ultrafiltration 0.15 µm
- bacteriostatic action
- compact size
- extended autonomy of 5,000 litres
- easy installation
- cartridge control LED
- does not require a dedicated tap

All characteristics that make it an ideal partner in the preparation of cold drinks and drinking water.

DIMENSIONS		
CODE	DIAMETER	HEIGHT
Y21601B-BLS UNO Profine®	ø 11.1 cm	30.4 cm

TECHNICAL SPECIFICATIONS	
Operating flow rate	3.5 l/min
Working pressure	1.5 bar
Temperature	5°/38°C
Autonomy	5,000 l

Quick coupling cartridge, with replacement water closure system, silver-plated Profine® Carbon Block microfiltration and ultrafiltration with hollow fibre.



THE IDEAL PARTNER FOR THE FAMILY AND FOR THE ENVIRONMENT

ONE IS SIMPLICITY MADE INTO AN OBJECT

BACTERIOSTATIC ACTION EVEN ON HOLIDAY

UNO was shaped from the dream of returning to our natural spring, to the water that comes directly from the land where we live and that is drunk directly from the tap. A sustainable choice that helps the environment and the family.

UNO is the perfect demonstration that it is also possible to be able to have everything immediately. It is simplicity made into an object. An easy filter that does not require difficult assembly. In fact, simply unscrew the water pipe, screw UNO and screw the pipe back on. Maintenance consists of changing the filter once a year or when the required number of litres is reached. It is therefore dedicated to those who like to say: it was very easy, to those who know how to enjoy a very small effort for a large company, to those who want to drink their home water without too much effort, to those who are not willing to put even a plastic jug on the table.

UNO is an antibacterial 0.15 micron ultrafiltration system to which the addition of silver ions gives an important bacteriostatic action. In addition, the cartridge has an autonomy of 5,000 litres. UNO has been designed and tested simulating family use. No pollution and contamination were detected even after the holiday periods (tests performed at the TIFQ LAB). If, instead, you don't want to give up good water even on holiday, take UNO with you! In fact, you can screw it under any sink.



Profine® UNO

0,15
µm

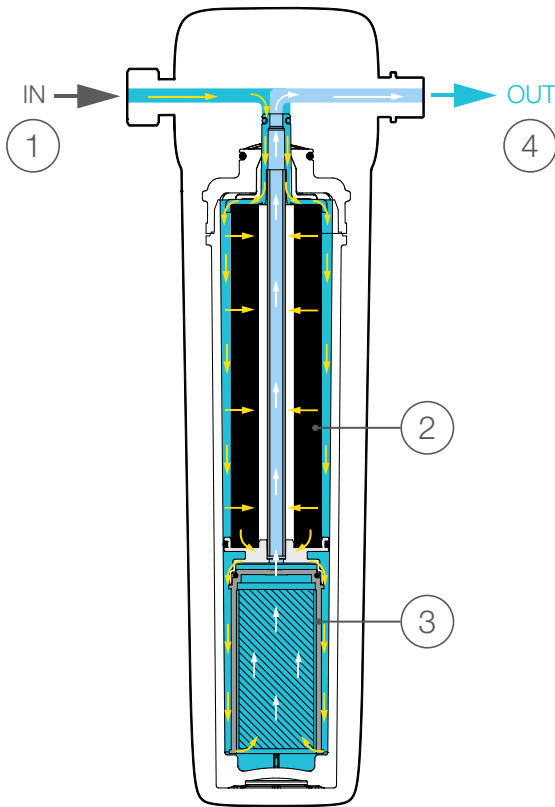
Natural home-made water, removal of bacteria and viruses up to 0.15µm



Temperature
Min 5 – Max 38°C



Working pressure
Min 1.5 bar



1 At the opening of the house tap, the water enters Uno.

2 It runs along the surface of the activated carbon. When water (which, let's remember, is a very complex system rich in various types of molecules and bacteria) begins to cross the filter wall in preformed activated carbon, it gradually lets various substances settle in the spacious recesses that characterise it; in fact, activated carbon has a very high internal surface (1 gram of carbon has a surface area equivalent to a football field) capable of retaining a very wide variety of chemical specifications, from large organic molecules (the first to stop), to mineral salts and metals in various forms (which, a little smaller, stop later), to small chlorine molecules that, after moving around a little inside, also decide to stop. This phenomenon is known as adsorption and affects a large part of inanimate substances. In our flow of water through the usual wall we also have animate beings, bacteria, naturally present in all systems; these have various sizes, obviously much larger than the molecules we previously mentioned; most of them find a physical barrier, because the porosity of the carbon cylinder (very regular precisely because it is preformed) is smaller than the size of most of them. The presence of silver, evenly distributed throughout the volume of coal and fixed such as not to be removed from the water flow, also guarantees non-proliferation of the afore-mentioned bacteria (bacteriostatic effect); silver, in fact, is the most effective natural deterrent for bacterial development.

3 But that's not all. The same flow now encounters another barrier, much more selective than the previous one: a composite polymeric structure (hollow fibre) whose meshes have passage holes of only 0.15 microns, lower, to be precise, than the dimensions of all other bacteria, of the spores themselves, of a good part of viruses; it is no coincidence that this system is called ultrafiltration.

4 Now our water flow, having passed through the silvery carbon block and carefully selected by the polymer hollow fibre, can safely reach the tap at home and generate a good and, above all, safe drink.

CHECK PARAMETERS

PARAMETER	DIRECTIVE EU 98/93	LABORATORY WATER	TREATED WATER
Iron	0.20 mg/l	≥ 0.15 / ≤ 0.17 mg/L	≥ 0.106 / ≤ 0.166 mg/L
Nitrates	50 mg/l	≥ 0.51 / ≤ 0.57 mg/L	0 mg/l
Hardness	≤ 50 °f	≥ 19.0 °f	≥ 11.5 / ≤ 16.3 °f
Colony count at 22°C and 37°C	Without abnormal variations	Without abnormal variations	Without abnormal variations Verification after 60 days of non-use
Active chlorine	0.20 mg/l M 2 mg/l (Indic. NSF 42)	2.00 mg/l	≥ 0.12 / ≤ 0.21 mg/L

INSTALLATION

UNO can be assembled in a vertical or horizontal position.
For installation, follow the local regulations in force and the instructions for the equipment.

REPLACEMENT

Cartridge replacement no later than 6 months from the installation date.
Replace the LED indicator battery every time the cartridge is replaced.

COMPANY CERTIFICATIONS

Produced in Italy by think:water, an ISO 9001 (quality), ISO 14001 (environment) and MOCA certified company.

PRODUCT CERTIFICATIONS

Complies with the **ICIM 0415CS REGULATION** products and components used in contact with water intended for human consumption (including **Italian Ministerial Decree 25/2012** according to the Tifq Lab laboratory test).

ENVIRONMENT

Dispose of the used cartridge according to decision 2000/532/EC (EWC code 15 02 03).