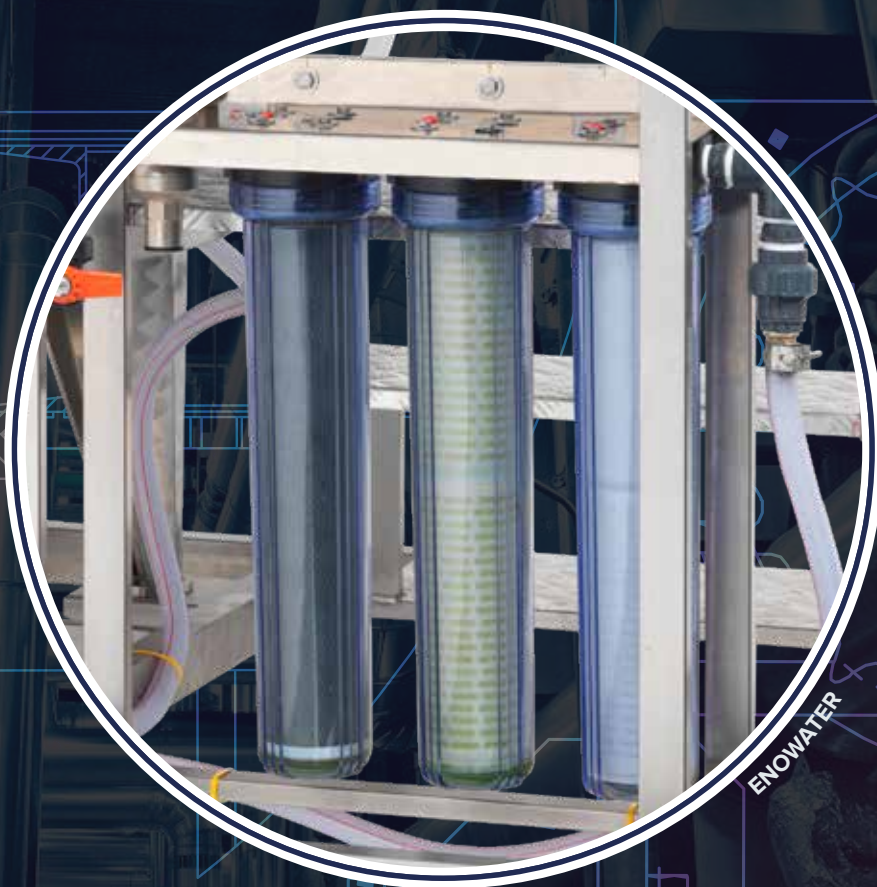


ENOWATER

PROCESS WATER
TREATMENT SYSTEM



BENEFITS

ELIMINATION OF
TRACES OF CHLORINE
AND UNPLEASANT
ODOURS

COMPLETE REMOVAL OF
ALL CONTAMINATING
MICRO-ORGANISMS

COMBINATION WITH
NUMEROUS TYPES OF
EQUIPMENT USED IN THE
FOOD & BEVERAGE INDUSTRY

INTEGRITY AND
BUBBLE POINT
TESTS CARRIED OUT

ADVANCED TECHNOLOGY FOR FOOD SAFETY

Enowater is designed by **AEB ENGINEERING**, the division specialised in the production of systems and equipment which, thanks to its know-how and **100% in-house and on-site production**, guarantees the highest quality and reliability of AEB technology. **AEB ENGINEERING** is unique in that it provides **constant support by our technicians**, both during installation and in the after-sales stage. For an unparalleled service that is **flexible and tailored** to the customer needs.



Enowater is a **simple, yet innovative system for making any mains water suitable for use in the food processing industry** and in all facilities where access to **drinking water** is required.

Enowater allows **water to be pre-treated** both in input and **integrated into the machinery used during the production cycle**.



THE IMPORTANCE OF WATER FREE FROM POLLUTANTS AND CONTAMINATING MICRO-ORGANISMS

Enowater can **eliminate traces of chlorine**, thus doing away with the risk of **unpleasant odours**. It can be used in all food and beverage industries to treat mains water in compliance with the **highest standards of safety** and constantly operate in the various processing stages with the **highest quality water**.

It also removes all coarse particles of various kinds which are often found in drinking water, **completely eliminating all yeasts, bacteria and moulds** which, in theory, should not be present, but at certain times of the year may be encountered due to the climate conditions (drought) or the seasonal use of water.



TECHNICAL SPECIFICATIONS

- **Maximum pressure:** 8 Bar (115 psi)
- **Maximum test pressure:** 30 Bar (435 psi)
- **Pressure test cycles:** 0-115 psi (0-7,8 Bar)
- **Recommended pressure use:** > 6 Bar (88 psi), 25°C
- **Maximum temperature:** below 50°C
- **Flow rate:** 1200-1500 L/ora

COMPONENTS

Enowater is a kit consisting of 3 x 20" in-line housings (50 cm) containing 3 different DANMIL filter elements which are particularly suitable for this purpose.

The **housings** are fixed to the wall with a stainless steel press bent bracket, with an in-out rubber hose connector and pressure reducer to ensure the optimal flow, guaranteeing the success of the purification process. The housings consist of a **body (vessel) in polypropylene** and a plastic-coated head on which a vent valve is mounted, which is required to fully diffuse the liquid into the cartridge.

The housing can contain:

- **CARBON BLOCK 5 p 20"** - Carbon-activated cartridge
A cartridge, made of cellulose and carbon, ideal for treating process water. The carbon, shaped by means of extrusion, has a high particle absorption and eliminates both organic matter and chlorine.
- **ENOW-PP 1 p 20"** - High-performance pre-filter
A pleated cartridge in polypropylene filter material with a wide chemical compatibility. Thanks to the ideal pleating and high filtering surface, it has a significant solid retention ability.
- **ENOW-NYLON 0,2 p 20"**
Pleated hydrophilic absolute testable membrane in nylon 6.6 at 0.2 µm. Its use allows the elimination of all micro-organisms above 0.21; the characteristics of the polymer used means the flows are proportional to the other Enowater cartridges.



Enowater can be combined with numerous systems used in the food and beverage production process.

For example, it can be applied on equipment from the **Reactivateur 60 range** for the **rehydration of yeasts** and on **demineralisation** and reverse osmosis (**Osmo**).

