



Enowater

Equipment for the treatment of process waters

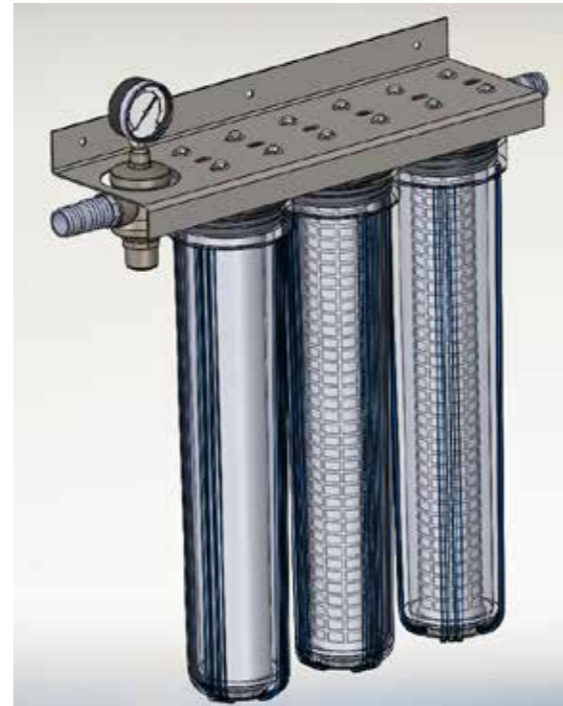
Enowater

AEB Engineering designed an innovative and easy to use system to make any network water ideal for the food and beverage industry.

Enowater removes chlorine residues in order to eliminate abnormal smells; it removes coarse particles of different nature which are often found in drinking waters; it completely removes all yeasts, bacteria and moulds that theoretically should be absent but that, at certain times of the year, could be found both for the climatic conditions (drought) and for the seasonal use of water.

The equipment created by AEB Engineering represents a simple and innovative system to make any water supply ideal for use in food sector and in all industries that need to use potable water during their production process.

Enowater is a pretreatment system for water that can be used in input and integrated into machinery employed during the production steps.



Components of Enowater

Enowater is a kit composed of 3 x 20" housing (50 cm) in line, where 3 different cartridges of the Vinpore range, (particularly suitable for this purpose) are lodged.

The housings are fixed to the wall by means of a stainless steel press bent support, with inlet-outlet hose and pressure reducer, allowing for optimal flow resulting in a successful purification process.

The housings are composed of a polypropylene body (vessel) and a plastic-coated head, where a vent-valve is mounted, necessary for the complete diffusion of the liquid into the cartridge.

One of the main features of Enowater, is that you can test the integrity and carry out the bubble point.

Technical specifications of the housings:

- ▶ Max. pressure: 8 Bar (115 psi)
- ▶ Max. trial pressure: 30 Bar (435 psi)
- ▶ Pressure test cycles: 0-115 ps (0-7,8 Bar)
- ▶ Recommended utilization pressure: > 6 Bar (88 psi), 25°C
- ▶ Max. temperature: not > 50°C
- ▶ Flow: 1200/1500 L/h

The housings can lodge:

CARBON BLOCK 5 p 20" Carbon activated cartridge

The cartridge, constructed from cellulose and carbon, is ideal for the treatment of process waters. The carbon, shaped by means of extrusion, has a high particle adsorption and eliminates both organic matter and chlorine.

ENOW-PP 1 p 20" High performance pre-filter

The pre-filter is a pleated cartridge in polypropylene filter material with a wide chemical compatibility. Thanks to the ideal pleating and the high filtering surface, the solid retention ability is noticeable.

ENOW-NYLON 0,2 p 20"

The utilization of the pleated hydrophilic absolute testable membrane in Nylon 6.6 0,221 enables one to remove all micro-organisms above 0,21 and the characteristics of the utilized polymer enables flows proportional to the other cartridges of Enowater.



Enowater can be combined with many different equipment involved in the production process of food and beverages. Here are some examples

- machinery in the Reactivateur range, for yeast rehydration, that can be used in the oenological and beer sectors (*model 60/1200 in the picture on the left*);
- demineralization equipment and reverse osmosis water treatment.

And many other kind of machinery employed in the Food & Beverage industry.

