

FULL-SCALE MEMBRANE FILTER PLANTS FOR RENT

Björks Rostfria AB has for many years built membrane filter plants, primarily for water treatment with very good results.

Today, there are a number of units in operation throughout Sweden and abroad.

NANO AND ULTRA-FILTERS

To help our customers evaluate how the membrane filter system can solve water purification problems, we have built a number of pilot units for nanomembranes, NF.

The membrane is used to separate free ions and molecules and is suitable e.g. in softening, removal of nitrate, fluoride, uranium, as well as organic compounds such as pesticides.

We endeavour to develop the membrane technology on the water purification market and have also introduced a pilot facility for ultrafilter membranes, UF, which can be used to separate particles, colloids and macromolecules.

UF may concern turbidity or pre-treatment prior to NF. A growing demand for NF is as a barrier against microorganisms in surface water purification plants or as a final purification stage for sensitive recipients at sewage treatment plants.

Our pilot plants are constructed as complete process stages with associated equipment; they have a high degree of automation, can be remotely monitored and are installed in a standard container.

The construction allows tests using different methods of operation in order to optimize the design of a full-scale site.

NF-pilots have a capacity of approx 1 - 3.5 m³/h and UF-pilots approx. 2.5 - 7 m³/h depending on the application. Typical pressure areas are 4 - 9 bar resp. 0.5 - 2 bar.



Ultra-filter plant



Nano-filter plant

RENT A PLANT FOR YOUR OWN FULL-SCALE TEST

We offer nano- and ultrafiltermembrane units in a wide spectrum of water treatment applications with retention weights from approx. 200 to 100 000 D.

Our membrane filter units can be delivered and operated in any place of your choice.

Please, phone or send an e-mail for more information, data and references!

Best regards
Björks Rostfria AB



P-O Björk