

# SELF-CLEANING FILTRATION SYSTEM NOBLOC 3 MICRON



## Filtration phases in this unit:

- \* Automatic cleaning coarse filter at 0.5 (optional 1 mm)
- \* Self-cleaning 50 micron (optional 25 micron) filter
- \* Self-cleaning 3 micron fiber filter

## Typical fields of application

- \* Replacement of cartridge filters
- \* Replacement of finer sand filters
- \* Replacement of UltraFiltration membrane filters when salt-free and bacteria free water is not a requirement in the industrial application
- \* Pre-filtration to RO



## Justification of Cost

- \* No chemicals
- \* Due to 24/7 self-cleaning no blocked flow
- \* No process down time for self-cleaning filter
- \* Low maintenance cost
- \* Short Return On Investment
- \* Optional high dirt load self-cleaning filter to accommodate production deviations
- \* Constant flush flow in our high dirt load self-cleaning filter is equivalent to the constant flush in a continuously cleaning sand filter
- \* Much lower site infrastructure cost
- \* Low operationa cost due to self-cleaning facility
- \* PLC control unit is included

## On-site requirements

- \* 5 bar air pressure to operate valves and pistons for the self-cleaning facility
- \* 230 V or 110V electricity or optional solar panels for smaller skids and 380 V for the larger skids
- \* storage tanks