



Process Technology

AutoFilt® RF14

New basket filter technology for ballast water treatment



AutoFilt® RF14

Product description

For the first time in a HYDAC filter, the technology of the basket-based back-flushing filter has been used in the AutoFilt® RF14 as a supplement to the automatic filter product family.

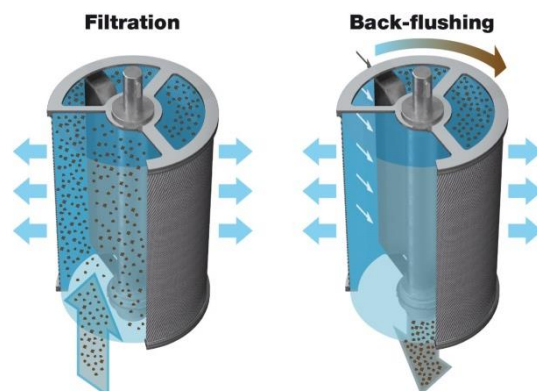
- Use as a pre-filter in ballast water treatment systems (e.g. UV systems)
- Basket-based, self-cleaning automatic filter
- Specially for the filtration < 40 µm

Advantages

- Effective cleaning of the fine filter fabric
- Ultrafine filtration < 40 µm
- Low rinsing water loss
- Low maintenance

Functional principle

- Filtration is from inside to outside through the filter basket
- If the differential pressure trigger point has been reached, then the gear motor turns the rinsing unit positioned on the inside of the filter basket
- The pressure drop between the filtrate and back-flush line leads to effective cleaning of the installed filter fabric.
- A flow-optimized flushing device, optimally adapted to the filter element, ensures a particularly effective cleaning of the filter material, which allows for ultrafine filtration to overcome the adhesive power of e.g. silt particles or sticky organisms in ballast water.



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2017-03-27