



Accumulators 30,000



Filter Technology 70,000



Process Technology 77,000



Filter Systems 79,000



Compact Hydraulics 53,000



Accessories 61,000



Electronics 180,000



Cooling Systems 57,000

**Global Presence.
Local Expertise.
www.hydac.com**



- HYDAC Head Office
- HYDAC Companies
- HYDAC Sales and Service Partners

HYDAC INTERNATIONAL

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GMBH**

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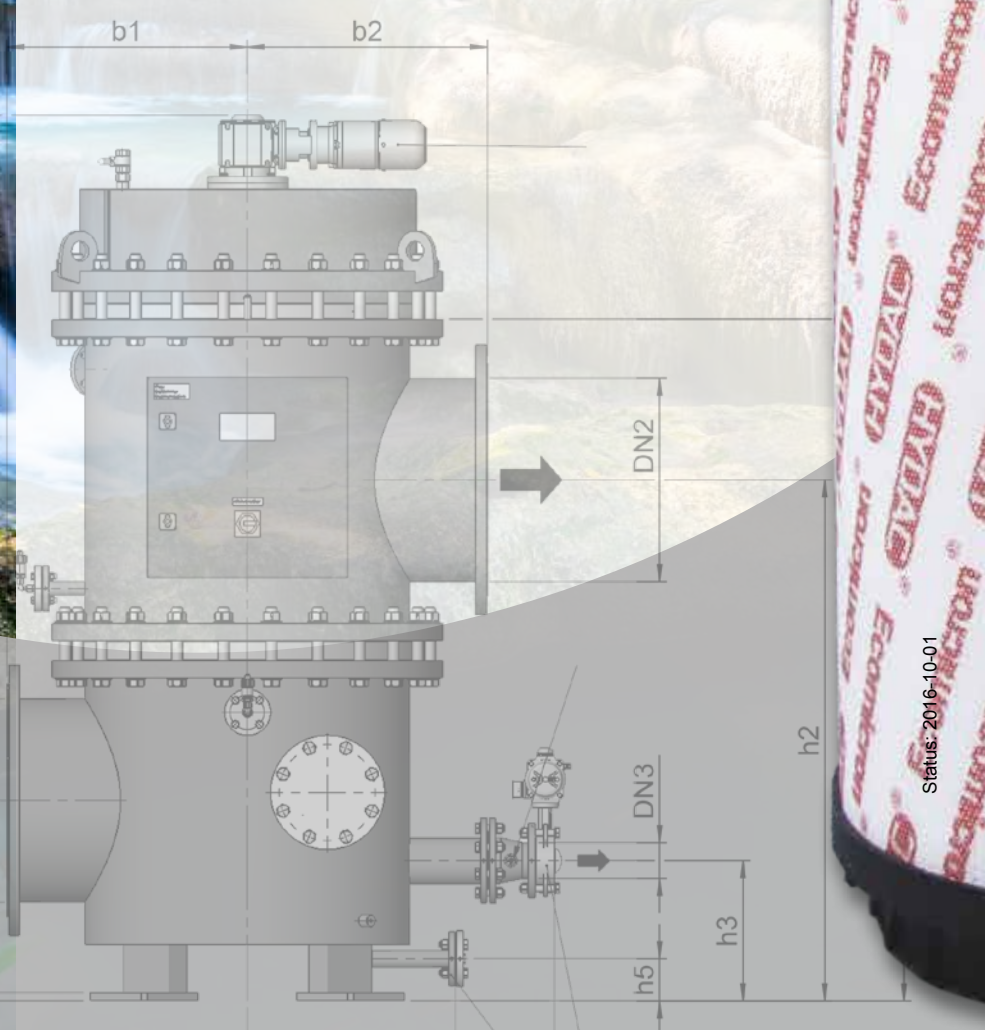
Status: 2016-10-01

HYDAC

INTERNATIONAL

**Smart approaches to
cost reduction in water
treatment**

Working and protective filtration



WWW.HYDAC.COM

Status: 2016-10-01

Identify your cost drivers

Pre-filtration

is a crucial step in the multi-stage water treatment process. It has a significant effect on the efficiency of the main treatment and the follow-up treatment.



Intake



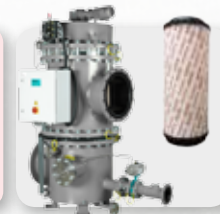
Membrane

Protective filtration

Working filtration

Did you know that using our filters can reduce the energy costs of your system by a considerable amount?

Are you aware of our products for coarse, fine and finest filtration in water treatment?



Coarse Filtration

≥ 200 µm



The dirt trapper
PRFS
screen basket filter

The hybrid
AutoFilt® ATF
TwistFlow
Strainer

Fine Filtration

200 - 25 µm



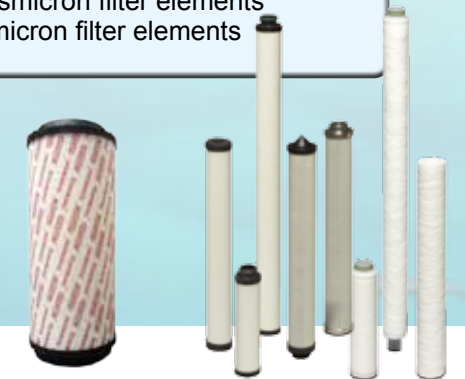
The all-rounder
AutoFilt® RF3, RF4,
RF5, RF7

The specialist for low pressures
AutoFilt® RF10

Finest Filtration

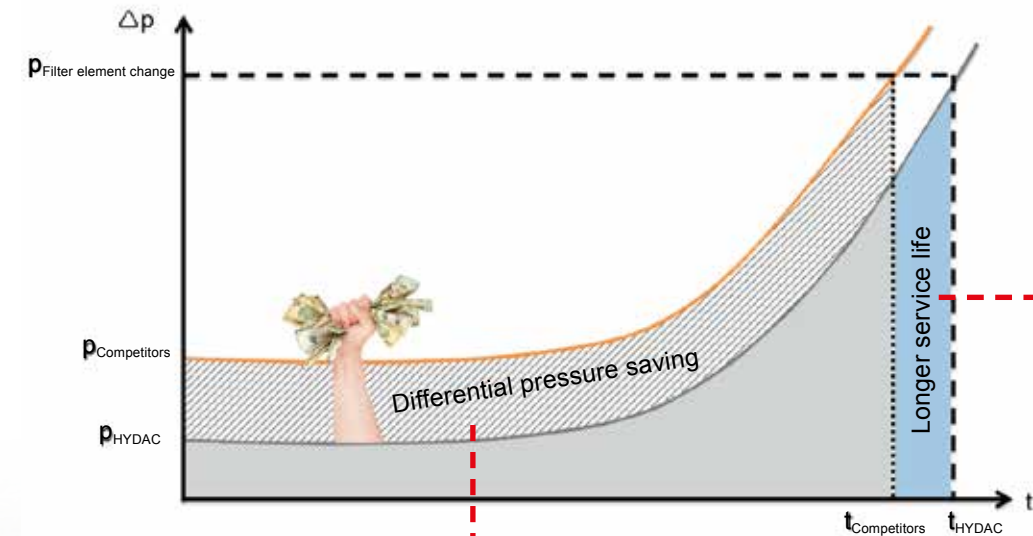
25 - 1 µm

The bodyguards for demanding requirements
Processmicron filter elements
Flexmicron filter elements



Exploit potential savings with HYDAC filter solutions

- Reduce costs – not only in the procurement phase
- Reduce energy costs by minimising pressure loss
- High-quality filtration leads to improved quality of the operating medium
→ positive effect on efficiency and economic viability of downstream processes



Longer service life
with
HYDAC filter elements.
We are specialists in manufacturing graduated filter media. Convince yourself of our quality filter elements.

Reduce energy costs

With our filter elements, you can benefit from a very low differential pressure. Even a differential pressure saving of 0.49 bar can produce energy savings of up to €42k, depending on the flow rate.

