



Filtration Group[®]
Filtering The World

THE WATER FILTER

Continuous filtration performance for every requirement

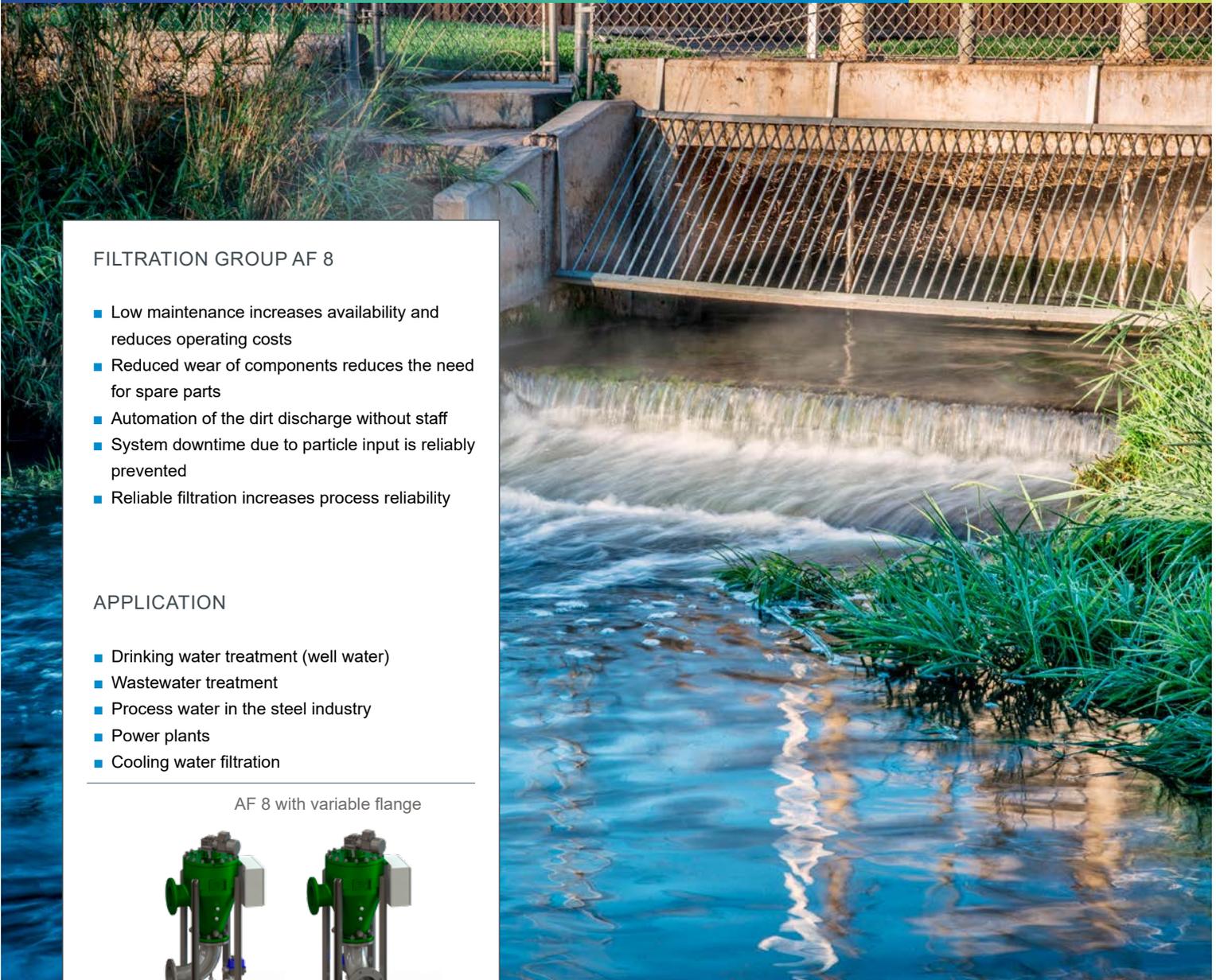
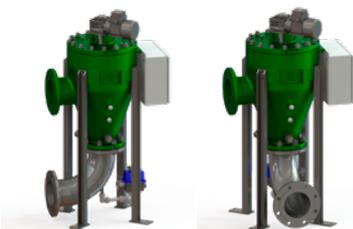
FILTRATION GROUP AF 8

- Low maintenance increases availability and reduces operating costs
- Reduced wear of components reduces the need for spare parts
- Automation of the dirt discharge without staff
- System downtime due to particle input is reliably prevented
- Reliable filtration increases process reliability

APPLICATION

- Drinking water treatment (well water)
- Wastewater treatment
- Process water in the steel industry
- Power plants
- Cooling water filtration

AF 8 with variable flange





Provides clarity: AF 8 in your special application:

The AF 8 backwash filter is specially designed for demanding situations and the toughest conditions. Complex filtration processes can be mastered in every application with ease thanks to the special properties and functions. The standardized platform concept ensures low acquisition costs and high flexibility at the same time. The compact design allows easy access to all relevant elements, reducing commissioning and maintenance costs many times over. Service speeds are significantly improved due to the increased availability of standardized components. The combination of innovative design, high-quality components and long service life enables cross-industry application expertise, which leads to a sustained increase in water quality. The AF 8 is thus able to meet the requirements of a wide variety of industries.

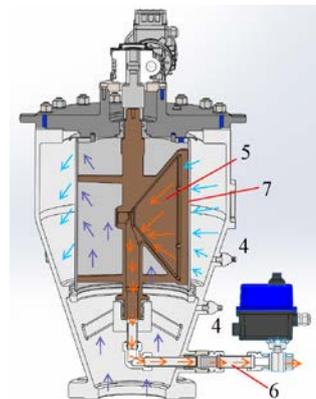
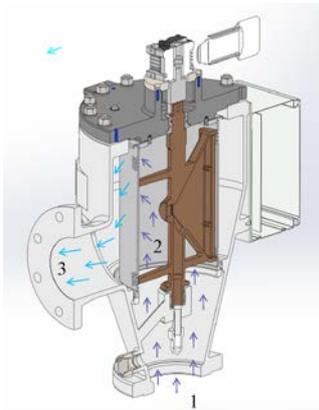
AF 8



We have the solution:

The individuality and performance of the AF 8 is based on a new platform concept. This is achieved by a multi-part housing with wide adjustment options - and all this in the smallest possible installation space. The adaptive filter elements, variable connection flange positions and housing materials are essential components to optimally adapt the automatic filter to your specific filtration requirements.

Operating principle:



1. The suspension flows through the filter-inlet into the automatic filter.

2. The suspension flows through the interior of the filter insert. The particles contained are deposited on the inside of the insert.

3. The filtrate enters the clean room and leaves the automatic filter via the filter outlet.

4. When a maximum differential pressure is reached or a pre-set time is reached, the cleaning is started.

5. The nozzle is set in rotation by the geared motor.

6. The pressureless flushing line is opened by a valve. The resulting differential pressure guides the particles out of the filter through the nozzle slot and the flushing nozzle. After one turn, the valve closes and filtration operation is not interrupted.

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