



# ALMAWATECH

INNOVATIVE SOLUTIONS FOR WATER

## ALMA FIL AK

Activated carbon filter for trace substance elimination and post-treatment



The **ALMA FIL AK** system enables the removal of substances that are difficult or impossible to biodegrade and toxic substances from wastewater. The activated carbon filter has a wide range of applications, from drinking water treatment to wastewater and process water treatment, for example boiler feed water. This advanced filter technology is characterized by its effective and reliable removal of trace substances, PFAS, AOX, hydrocarbons and heavy metals. The activated carbon is selected on a customer-specific basis, taking into account the respective requirements, based on our many years of experience.

### Applications

- Wastewater containing heavy metals
- Water cycles
- Elimination of trace substances
- Removal of persistent and difficult-to-degrade materials
- Removal of hydrocarbons and AOX

### Specifications

- Hydraulic capacity from 2-100 m<sup>3</sup>/d
- Corrosion-resistant containers made of GRP or stainless steel
- Small space requirement
- Very good adsorption performance

### Advantages

- Remote monitoring modem
- Control via pressure measurement
- Modular Customization
- Versatile selection of activated carbons
- High cleaning performance



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ALMAWATECH GmbH - Your plant manufacturer and service provider in industrial water and wastewater technology offers everything from a single source

**Analysis &  
Optimization**

**Planning &  
Consulting**






**Water  
chemicals**

**Operations  
Management**








**Plant engineering**

## Wastewater and process water

-  Treatment for direct and indirect dischargers
-  Pre- and post-treatment of wastewater
-  Process water Recycling
-  Ultrapure water production
-  Individual system solutions for all branches of industry

## Procedure

-  Biological (aerobic/ anaerobic/ anoxic)
-  Precipitation, flocculation and neutralization
-  Filtration & reverse osmosis
-  Oxidation & hygienization
-  Modular systems

Specialized water chemicals from ALMAWATECH for wastewater applications, cooling water circuits, membrane systems and boiler plants.