



For maximum efficiency under difficult conditions

Strict environmental and safety regulations apply to the production and processing of foodstuffs. Reliable, high-performance filtration is the prerequisite for both standard-compliant and profitable production.

Automatic safety. Process optimization

In the production and processing of fats, oils, pastes, adhesives, liquids or products such as mixtures, chocolate, dough or fruit masses, renowned companies worldwide rely on FG automatic filters. This is because they filter low- to high viscosity products in the food and chemical industries, in refineries, in extraction and paint production particularly efficiently and reliably - in 24-hour continuous operation.



FG automatic filter
Picture source: Filtration Group Industrial

Automatic metal-edge filter AF 74 S

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Industrial food processing

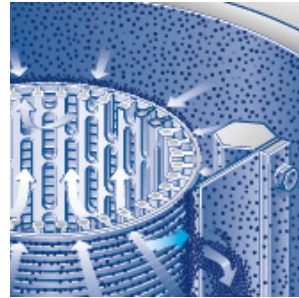
Automatic filters from Filtration Group Industrial ensure that foodstuffs are free of foreign particles. They also keep storage tanks and machine components clean. When filtering honey, chocolate or miscella, FG filter systems achieve excellent separation rates even at low temperatures.

Competence for food

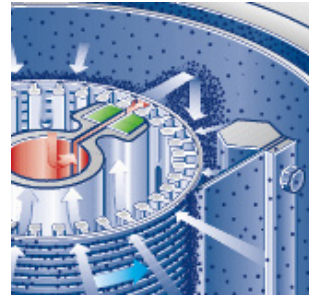
Thanks to a wide variety of cleaning systems, filter materials and combination options, the compact automatic filters can be designed to meet the filtration needs of different substances and requirements in a particularly variable manner.

YOUR ADVANTAGES

They adapt themselves to changing operating conditions, clean without filter interruption, reduce maintenance costs and increase the service life of downstream safety filters. FG automatic metal edge filters with scraper cleaning, for example, are in their element in adhesive and chocolate production.



The substance to be filtered flows evenly through the filter from the outside to the inside. Particles or foreign substances collect on the outside of the rotating filter element. A spring-loaded scraper lifts them off the surface and they sink into a collection cone, which is emptied via a drain valve.



The AF 15x model combines the functionality of the metal edge filter with that of a backflushing filter, thus enhancing the cleaning performance. At a segment on the inside of the filter, an external pressure medium additionally loosens stubborn foreign particles that have accumulated on the outer wall of the filter element. The medium is flushed back and the particles are stripped off.

CONCRETE

- Design for high temperatures
- Certification according to EN 1935
- FDA compliant plastic components



FG Automatic metal-edge filters

The classic FG automatic metal-edge filter range, which extends from connection size G1/2 to DN 300 as standard, can be used for a wide variety of low to high viscosity liquids, pastes or similar substances.

Compact design with single or multiple driven coils offer ideal conditions for optimum size selection. Different design and material variants allow a wide range of applications - up to high-pressure design.

For customer-specific requirements, minor adaptations of existing standard solutions are often sufficient.

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