





Self-cleaning filters

Introduction - Euspray in the world

Operation

Main sectors

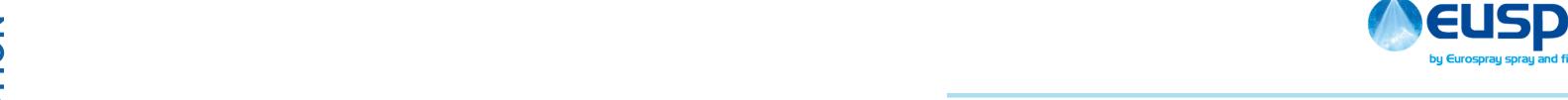
Challenges

Full range

Catalogs

Contact us







Euspray in the world

OFFICES & **PRODUCTION**

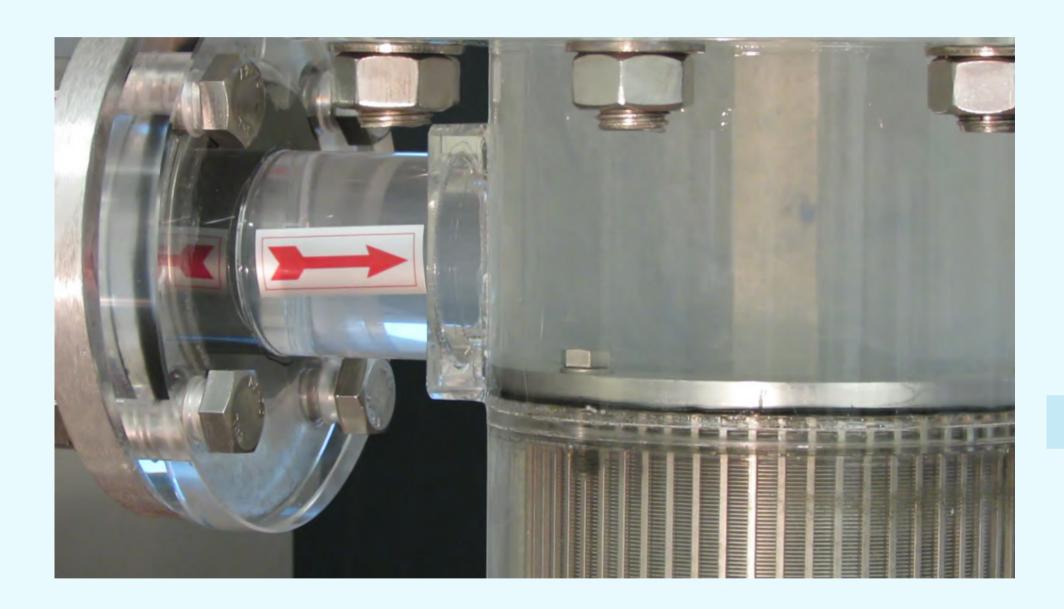
Euspray has its headquarters in Barcelona and a production partner in Bergamo, Italy.

COMMERCIAL NETWORK

With agents, distributors, and subsidiaries around the world, Euspray is present on all five continents.



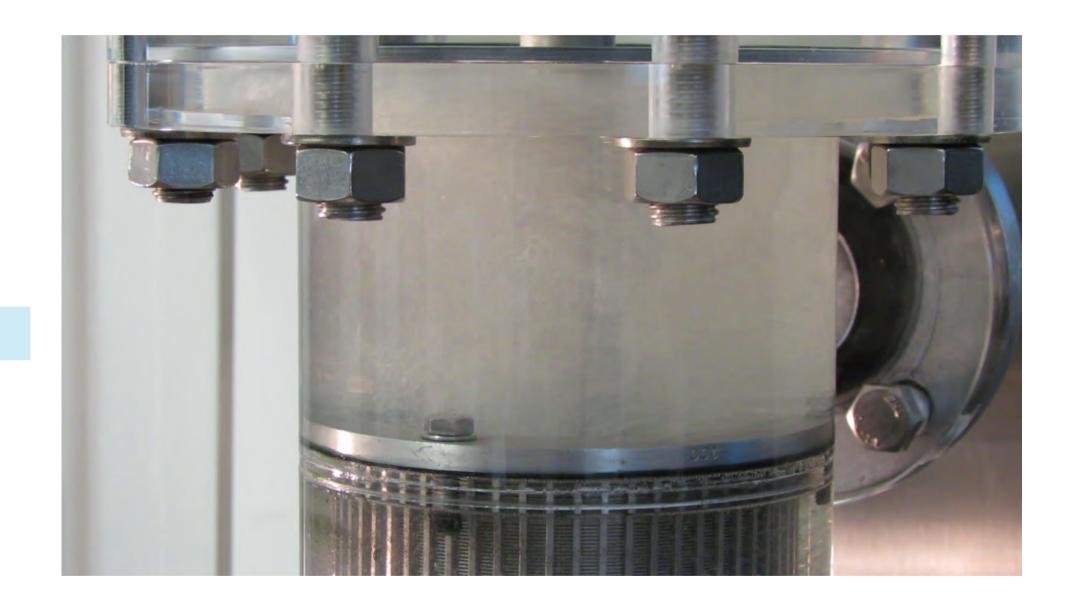




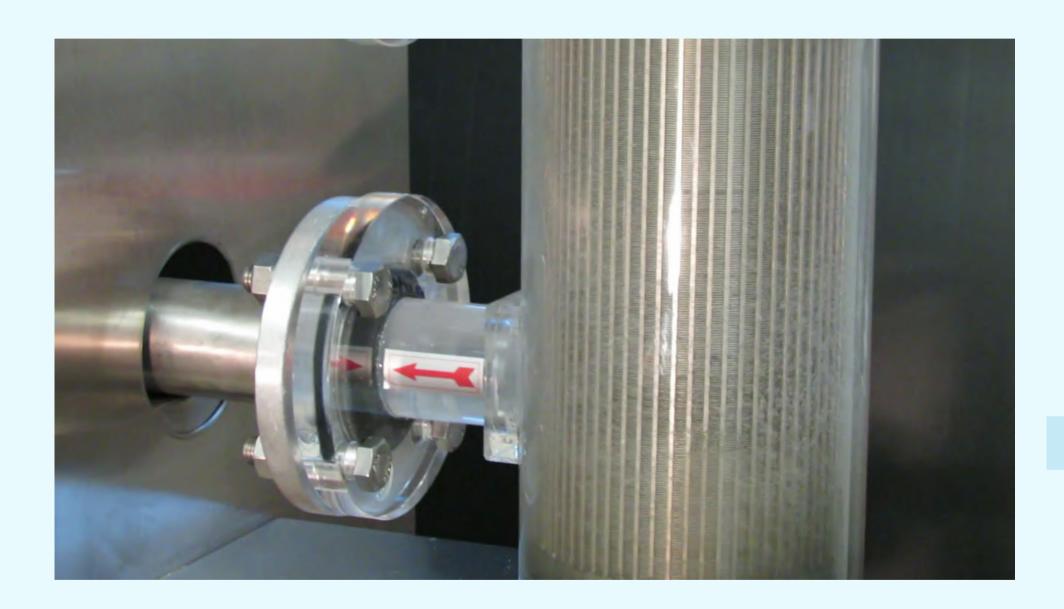
The liquid enters the filter inside the filter cartridge with the solid particles in suspension.



The filter cartridge is cleaned by a rotating shaft, with brushes or scrapers that clean its interior, and due to gravity, the solid particles fall to the bottom.





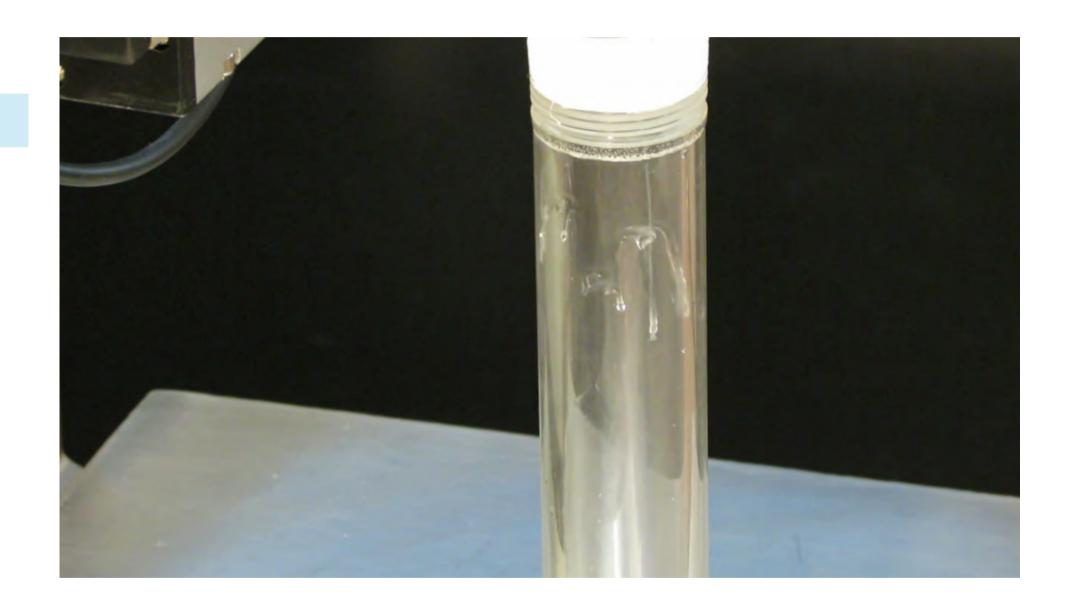


The filtered liquid leaves the cartridge, while impurities remain inside the filter.



During the last 2-3 seconds of the cleaning cycle, the drain valve, located at the bottom of the cartridge, is activated.

Usually, the cleaning cycle is timed, but when the pressure gauge, which detects the pressure difference between the inlet and outlet, exceeds the o.7 Bar, it starts to operate as a safety mechanism.





Main sectors

Food and beverage
Chemical and pharma
Environmental services
Textile industry
Mines
Automotive
Paper mills













EXPERIENCE, EXPERTISE & TECHNICAL APPROACH

Euspray has more than 20 years of experience in the production and installation of self-cleaning filters. Thanks to our **know-how** and **technical approach**, we can plan and incorporate measures to adapt each filter to each specific requirement, taking into account the liquid to be filtered, the conditions of the installations, and the climatic conditions to which it is exposed.

FILTERED LIQUIDS



Honey



Chocolate



Glue



Used oil



Environmental services

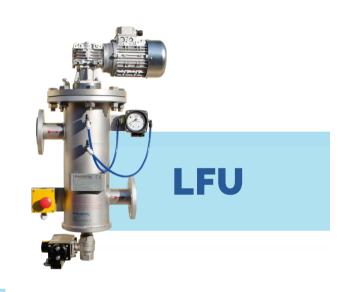


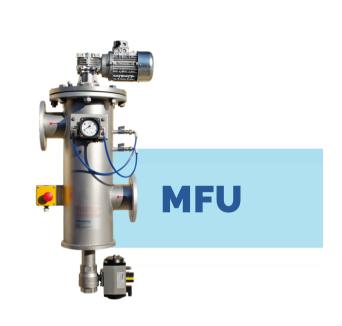


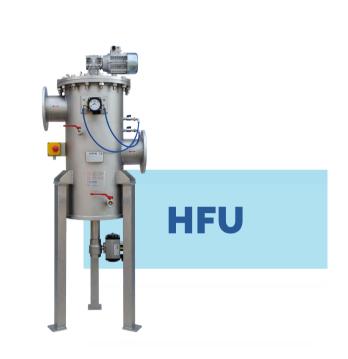
LFU MFU HFU HHFU



Full range comparison table









MAX. FLOW RATE

FILTRATION DEGREE

MAX. OPERATING **PRESSUREWORK**

INLET/OUTLET **FLANGES**

97 m³/h

208 m³/h

600 m³/h

1.200 m³/h

De 1.500 a 40μ

DN50 PN10

De 1.500 a 40μ

De 1.500 a 40μ

De 1.500 a 40μ

10 barg

10 barg

7 barg

7 barg

DN100 PN10

DN150 PN10

DN250 PN10



SELF CIEANING SE

Self-cleaning and static filters

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