



Invented, designed and manufactured
in Mirebeau (86) in France



Mobile Filtering Unit

stivent.com

STIVENT INDUSTRIE® offers its range of Mobile Filtering Units, with suction arm or machine connection

EFFICIENCY – MOBILITY – PERSONAL PROTECTION – QUALITY – COST EFFECTIVENESS

Specially designed to individually capture the fumes and dust generated by applications, where adaptability and flexibility are priorities.

OPERATIONS

- > Grinding
- > Sanding
- > Welding and other hot cuts

POLLUTANTS

Particles, (any solid material) including those with Atex risk



OUR COMMITMENTS

- > **Effective**, 0.5m/s at 15 cm air speed, 1100m³/h flow if suction arm equipped,
- > **Filtration fineness**, 2 filtration stages F7 and H13 for 99.9% filtered air
- > **Mobility**, works in direct connection on machine, workstation or for capture via an articulated arm Ø160
- > **Discreet**, noise level less than 70 dB as standard (measured on the work surface).
- > **Simple and Reliable**, simple use and maintenance, filtration by accumulation and its fouling monitoring
- > **Robust and Economical**, product designed to last and consume 1KW maximum power
- > **Adaptable**, with many options to configure the workstation.

SECTORS OF ACTIVITY



Aeronautics
& Space



Automotive &
Transportation



Agribusiness

UFM 1



1170 x 940 x 1560

UFM 2



1610 x 810 x 1650

Description		
Dimensions in mm (Lx Wx H) overall		
Weight in kg (excluding options)	250	360
Average speed in m/s 25 cm from the emission source	0,5	0,5
Maximum flow rate in m³/h	1100	2000
Power kW	0,55	0,95
Suction area (m²)	27,5	50

1 year Warranty for spare parts and labour excluding consumables

AIR ROUTING AND TREATMENT



Direction of air movement



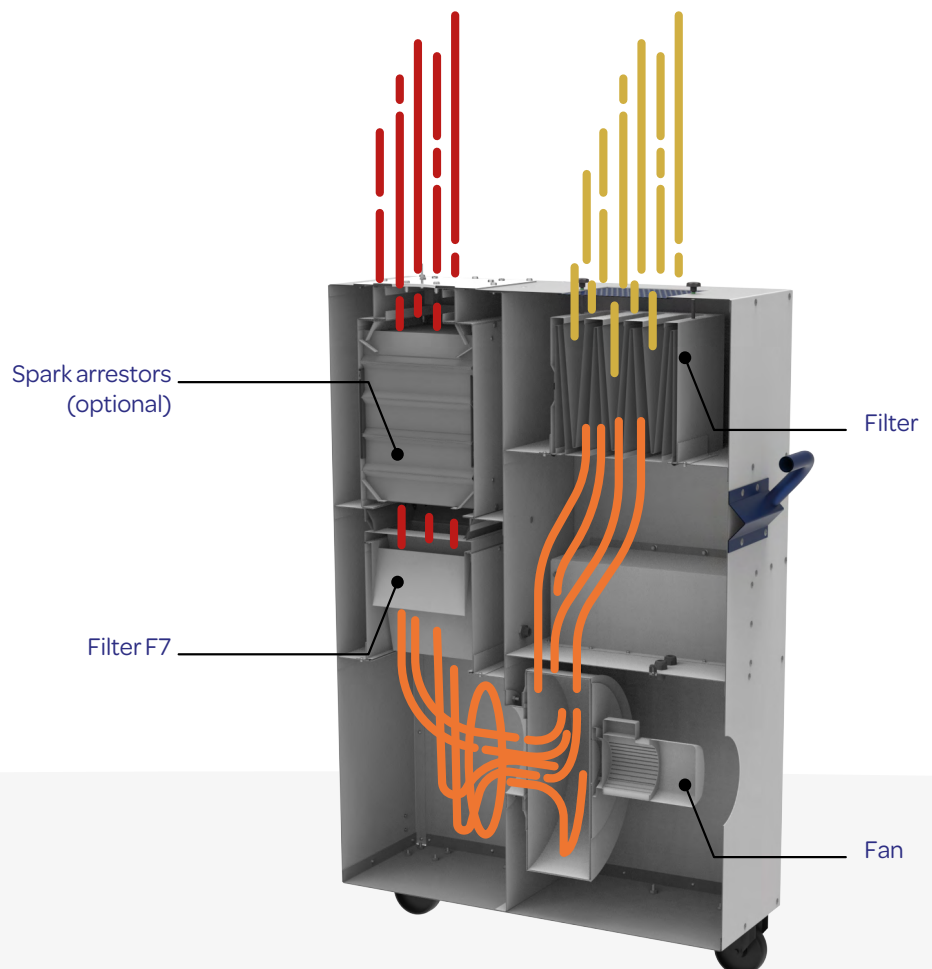
Oil mist inlet



Filter F7
Filters particles up to 0.7 micron
Gravity separation / Optimised filter regeneration in 1 hour



Filter H13 or H14
Filters particles down to 0.3 micron



MFU TABLES MANUFACTURED IN STANDARD OR CUSTOMISED FORMATS



Option
Articulated Arms



Option
Activated carbon filter option



- > Opacimetric filter F7
- > Articulated arm \varnothing 160 / length / \varnothing of the head
- > Filter H14 - 99.995% for indoor rejection (replaces H13)
- > Spark arrestors

STANDARDS

The Mobile Filtering Unit complies with all INRS standards (ED695, ED133 etc.) relating to industrial suction and workstation ergonomics.



It is ATEX self-certified, for the use of hazardous materials.
A unitary LCIE certification is possible on request.



ARE YOU LOOKING FOR SIMILAR PRODUCTS?

Are you looking for a **mobile solution to equip your industrial tool emitting micro droplets of oils** and thus improve the air quality of your operators' working environment?

AMBH OIL MIST MOBILE CABINET



STIVENT INDUSTRIE®, EXPERT IN AIR TREATMENT SOLUTIONS. Since 1962, STIVENT INDUSTRIE® has specialised in the design, manufacture and installation of equipment for air treatment and industrial dust removal.

STIVENT INDUSTRIE® offers complete, customised solutions to improve working conditions for operators, ensure the safety of equipment and workers, and protect the environment.

**DO YOU HAVE A SPECIAL NEED?
CONTACT US**



Find all
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stivent.com





ZI de la Madeleine
6 rue de la communauté
86110 Mirebeau
France

05 49 50 41 91
contact@stivent.fr

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let's master the air of the future®

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