



**FUMEX LTD**

Oil Mist/Metalworking  
Fluid Vapour Filtration Unit



# Oil Mist/Metalworking Fluid Vapour Filtration Unit



Mobile Unit



Ducted Unit

Oil/coolant are widely used in many engineering processes including; milling, drilling, on lathes, CNC machines etc and are commonly known as Metalworking Fluids (MWFs).

However, exposure to the mist/vapour from these fluids can cause; irritation of the skin or dermatitis, occupational asthma, bronchitis, irritation of the upper respiratory tract, breathing difficulties or, rarely, a more serious lung disease called extrinsic allergic alveolitis (EAA), which can cause increasingly severe breathing difficulties in recurrent episodes, following repeated exposure.\*

Fumex Ltd have a range of specifically designed units to extract and filter metalworking fluid vapours. These can be centralised, standalone or mobile systems. Our mobile unit has 5 step filtration with HEPA H13 efficiency, 3m flexi arm and is easily moved to wherever it's required. This unit may also be ducted to a CNC machine as a fixed standalone installation.

Five step - up to 99.9% efficiency;

- 1) Inlet 'Splash' plate, 2) Expansion chamber, 3) Labyrinth filter, 4) 'Long Life' nailed glass fibre filter cassette with aluminium separators, 5) HEPA filter H13.

The eliminated liquid is collected at the bottom of the unit in two plastic containers. When one is full just move the hose over (quick release) to the empty container. No down time! You can check from the outside if the container is full. The fluid can normally be reused in the machine.


\*Part of this document is courtesy of HSE 'Contains public sector information published by the Health and Safety Executive and licensed under the Open Government Licence'.

 Five Step Filtration

 HEPA H13 Filter

 Super Flexible 3m Arm

 Easy to Operate

 Up to 99.9% Efficiency

 Mobile or Ducted



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