

100 % FILTRATION

EFFICIENCY - SILENT

Why filtering?

Filtratec®, the specialist in sucking and filtering air. Gases and fumes produced during the different manufacturing phases are often toxic. You must take care of this danger. This protection is above all needed when the worker faces these gases and fumes all the day long.

During gluing and soldering, the air gets polluted with solvents and isocyanates which are famous for their carcinogenic effects. Solvent gases and soldering flux can cause asthma, bronchitis, reduction of pulmonary functions, eyes, skin and respiratory system irritation and eczema.

Industrial rejects in the atmosphere are more and more regulated. Many other fields are concerned: laboratories, chemical, mechanical, pharmaceutical,... industries.

Extract and filter polluted air is a protection for:

- the worker and staff around
- the environment.

Extract and filter polluted air is a profitable investment :

- As less staff absence due to professional illnesses gives higher production rates.

FILTRATEC® or the "art estate" in the APC (Air pollution control) field offers products:

- Of high quality
- Silent
- Antistatic
- Efficient
- Manageable
- of easy use
- sure



Filtratec® uses in its systems the latest technologies able to guarantee a maximum efficiency.

With its high air flow, its 2 speeds ways, the Filtratec® unit will suit to your needs in fumes or gas extraction.

With the accessories range (arms and nozzles), you can create your unit according to your working environment. Many kits are also available to quickly install your unit.

Filter concept of the Filtratec® offers flexibility and efficiency; it is made of a particles filter type HEPA (High Efficiency Particulate Air) et a chemical filter dedicated to gas absorption. According to environment matters, this cassette filter is realised to suit to european standards and does not need any specific recycling.

THE FILTRATION PRINCIPLE SCHEME

2 phases: extraction and then filtration.

The extraction is made through a turbine and filtration through different filters and substances in granular shape.

The different filters eliminate particles, the granulates are made of Neutrafil, which is a mix of 50% active carbon and 50% potassium permanganate.

The granulates neutralise the polluted surfaces. Time mode is very important in the filtration process in order the chemical reaction operates. It is necessary to control each step.

A section

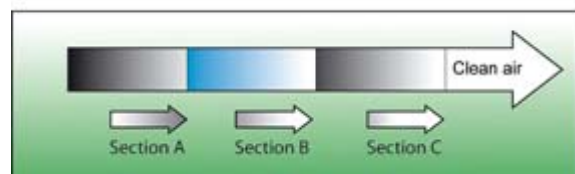
The prefilter clean the polluted air of the big particles

B Section

Filter type HEPA for small particles as solder fumes (0.3 - 0.001 µm)

C Section

Filter made of Neutrafil which is a mix of 50% active carbon and 50% potassium permanganate. This melt keeps and quickly neutralises the chemical substances, even the smallest.



The Professional Tools