

Activated Carbon Filters

Activated carbon filters are designed to reduce emissions of Volatile Organic Compounds (VOCs) at the exhaust of air extraction systems.

Since 1992, [Technicis](#) filtration has been a French manufacturer specializing in air filtration for industrial environment.

Variants

- Synthetic media impregnated, available in rolls or panles
- Frames with pleated carbon media
- Cassettes/Trays filled with granules
- Cartridge filled with granules
- Rigid pocket filters with impregnated media
- Other adaptables options and custom dimensions available to suit you installation

Raw materials and treatments

- Galvanized or Plastic frames
- Impregnated polyester fiber
- Material or activated carbon granules

Performances

- Filtration Efficiency : depending on the filter media
- Initial Pressure (at 1,5m/s) depending on the filter media
- Retention Capacity : depending on the filter media
- Life Expectancy : depending on the VOC quantity

Applications

Filtration of Volatile Organic Compounds (VOCs) and odors at the exhaust of air extraction systems
Example: filtration of solvents found in industrial paints.

Standards

Controls performed by health organizations for indoor air quality in workshops, and by environmental organizations for outdoor emissions.

Additional informations

To meet the need to reduce odors in the exhaust of a paint booth, while adhering to European and global environmental standards, the use of water-based (hydro) paints is the most effective and cost-efficient long-term solution. Recycling air from the extraction of paints or solvent-based products within a workshop is prohibited, even with activated carbon filters. Since these filters are designed to capture only molecules, it is essential to protect them with high-quality pre-filters upstream.

