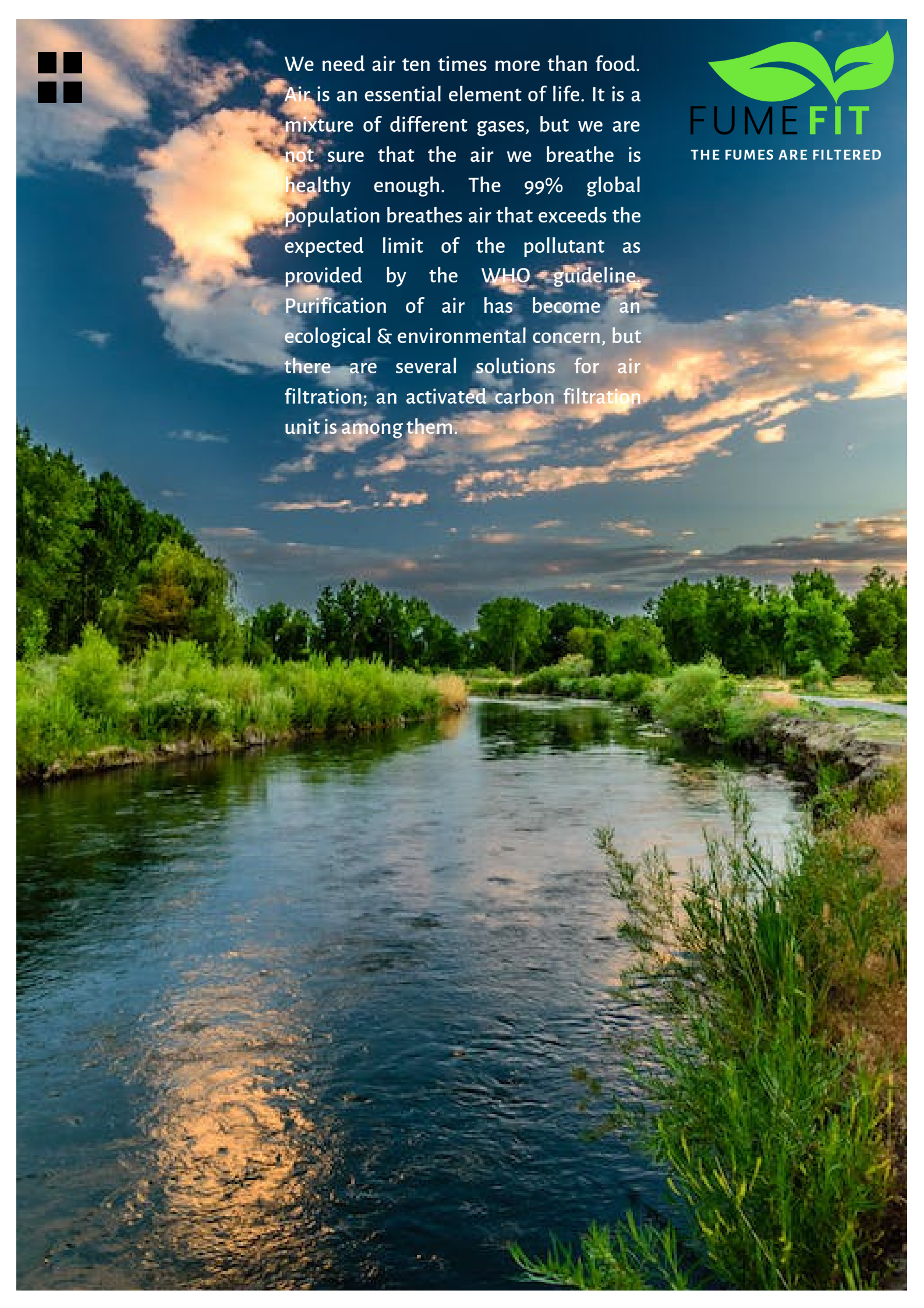


- ■ ACTIVATED CARBON FILTER UNIT
- ■ Filters that produce healthy air




FUME FIT
THE FUMES ARE FILTERED





We need air ten times more than food. Air is an essential element of life. It is a mixture of different gases, but we are not sure that the air we breathe is healthy enough. The 99% global population breathes air that exceeds the expected limit of the pollutant as provided by the WHO guideline. Purification of air has become an ecological & environmental concern, but there are several solutions for air filtration; an activated carbon filtration unit is among them.



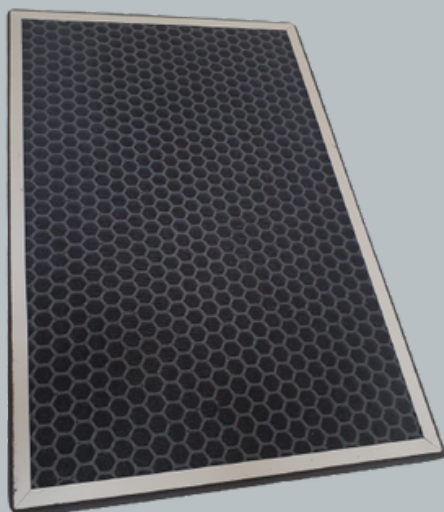


The term activated carbon (AC) refers to a type of carbon obtained from carbonaceous material, generally coal or wood. Through physical and chemical processing, it is transformed into a trapping molecule structure. Activation increases the porosity of coal, creating a fractal structure system that allows it to capture certain particles (hydrocarbons, VOCs, H₂S, Hg, PH₃, SO₂, chlorine). The particles stick to the surface and get adsorbed in pores.

FUMEFIT offers a wide range of Activated carbon filter units suitable for chemical / acid fume filtration at the Laboratories. To reduce the harmful impacts of laboratories on the environment, activated carbon filters are one of the most effective things that can be installed. These filters and hoods that filter the air that passes through them help keep the atmosphere clean and make your laboratory an eco-friendly one.



Filter box with Primary, Hepa and Carbon Filters





V-type High efficiency filter

V-type High efficiency filter box systems

- Outer frame made of anti-rusting ABS plastic profile,
- V-shaped filter arrangement helps large air flow
- Air tight assembly easy installation and filter replacement.



V-type High efficiency filter box systems

Item No	W – H - D(MM)	Rated Air Flow	Initial Resistance(Pa)	Efficiency(Optional)	Level
FF4V-36L	592-592-292	3600	≤120(F7)	F6-F7	≥90%
FF4V-30L	592-490-292	3200	≤120(F7)	F8-F9	≥90%
FF4V-18L	592-287-292	1800	≤120(F7)	H11-H13	≥90%

To reduce the harmful impacts of laboratories on the environment, activated carbon filters are one of the most effective things that can be installed. These filters and hoods that filter the air that passes through them help keep the atmosphere clean and make your laboratory an eco-friendly one.

The activated carbon filters are highly effective when used in ductless mode in reducing the amount of chemical evaporation and chemical use. With a fume hood exhaust system installed inside the fume chamber, your laboratory operations will remain healthy and environmentally friendly.

