

Plug in, switch on, ...dust and fumes? All gone!  
Really, it's that simple.

Wood dust

Solvent fumes

Stone dust

Powders

AirBench

Clean air

Clean air

Clean air

Clean air

quietly, with no heat loss

- **AirBench** effortlessly takes dust and fumes away from your breathing zone.
- **AirBench** draws them through the work surface, filtering them inside the bench.
- **AirBench** comes in a range of sizes, and finishes for all situations.
- **You get extraction and work table in one compact unit!**
- **AirBench** is plug and go - most units just need unwrapping and plugging in to a 13 amp standard socket.
- **AirBench** solves dust extraction problems within 10 minutes of unpacking.
- Doubt that it can be that simple? Contact us for an on site demo.

All AirBenches have a 3mm perforated steel worksurface, powder coated after fabrication, and are supplied with fan and filters correctly configured for your application.

AirBenches, as standard, are recirculating units which discharge downwards. They can also be specified with discharge to the rear, right, or left sides allowing connection to ductwork for discharge to atmosphere

## EX

A standard duty AirBench, constructed with an extruded aluminium frame and grey plastisol panels. AirBench EX has a kneespace built in, and is designed for surface loads up to 50kg.

Sizes: 660x660, 1260x660, 1860x660, 1260x960, 1860x960



## FP

A heavy duty AirBench, constructed from welded, powder coated 2mm steel panels for surface loads up to 150kg.

Sizes: 670x660, 1270x660, 1870x660, 1270x960, 1870x960



## FPK

A heavy duty construction, identical to FP but with a 300mm kneespace for full-time seated working.

Sizes: 1270x960, 1870x960



## FPW

Constructed to the same standards as FP, but designed specifically for welding duties. The main filter is mounted to the left in a separate bolt-on unit ensuring this filter is protected from sparks and debris; actual ventilated area is 1200 x 600.

Size: 1950x960



## FPT

Similar to FPW but with 300mm kneespace built in, for comfortable full-time seated working.

Size: 1950x960



## FPF

Identical construction to FPW but with an alternative filter, selected for fettling and grinding duties.

Size: 1950x960



## FPX

FPX is constructed to the same standards as FP but is supplied without filters for direct connection to ductwork - for use with fumes only, and ideal as a direct replacement for extraction arms.

Size: 975x660



AirBench is also available with a full range of accessories including castors, enclosure, speed control, filter gauge, and hours run meter.

**All AirBenches are supplied with filters selected from a wide range of standard, proven configurations for your specific application.**

**All filters are high quality and provide an average filter life of 6-12 months.**

### **Non-sparking dusts**

Including wood and MDF, talcum, plastics, atmospheric dusts, non ferrous sanding and grinding, plastics fettling, sanding and grinding, filling and dispensing, de-dusting, GRP trimming, dry stone cutting, etc

Construction: EX, FP or FPK

Filter configuration: A (EU4 deep vee panel)

### **Fine non-sparking dusts**

Including carbon black, toner cartridge servicing, carbon composites, etc.

Construction: EX, FP or FPK

Filter configuration: H (EU8 deep vee panel)

### **Very fine non-sparking dusts**

Including fingerprinting dusts, rapid prototyping, model making, conservation, etc.

Construction: EX, FP or FPK

Filter configuration: B (EU4 deep vee panel; F9 High efficiency pleat)

### **Very fine non-sparking dusts requiring HEPA filtration**

Including some pharmaceutical, laboratory, and optical applications.

Construction: EX, FP or FPK

Filter configuration: L (EU4 deep vee panel; H12 HEPA)



### **Fume in low volumes**

Organic and non-organic fumes, at non-hazardous levels. Solvents, conformal coatings, adhesives, air brushing, cleaning fluids, etc.

Construction: EX, FP or FPK

Filter configuration: E (EU4 deep vee panel; Carbon panel)

### **Fume in high volumes**

Organic and non-organic fumes as above, but in higher volumes. Similar substances to above.

Construction: EX, FP or FPK

Filter configuration: J (EU4 deep vee panel; Carbon panel)



### **Light ferrous duties with some sparks**

Dry dusts generating some sparks, including precision grinding and fettling of ferrous materials.

Construction: EX, FP or FPK

Filter configuration: E (Disposable media pad; Labyrinth; EU4 deep vee panel)

### **Fettling and Grinding - significant sparking**

Production level fettling and grinding of ferrous materials.

Construction: FPF

Filter configuration: K (Disposable media pad; Labyrinth; F6 medium efficiency fettling filter)

### **Welding and similar - significant sparking**

Welding of ferrous materials; plasma cutting; brazing.

Construction: FPW

Filter configuration: D (Disposable media pad; Labyrinth; F9 high efficiency welding filter)



**AirBench is a self-contained downdraught extraction system, which takes dust and fumes away from your workspace and returns clean air to your working environment. Installation is as simple as plugging into a single phase 13 amp socket, and flicking the switch.**

## How does it work?

AirBench provides a uniform downward flow of air, drawing pollutants through the perforated surface and filtering them out using a filter (or filters) selected to suit your application. Most substances requiring control tend to move downwards. Only downdraught systems take advantage of this tendency - traditional extraction systems rely on either drawing the substance upwards, against their natural tendency and into an operators breathing zone, or capturing the substance with high velocity airflow.



## Is it suitable for my application?

AirBench can be specified to suit any dust or fume application; for most common applications, we can provide a standard solution which can be delivered to you within 2-3 weeks.



## What are the advantages?

AirBench has several key advantages over alternative systems:

- Put simply, it works. We can show you.
- Installation takes minutes - move the unit into position, and plug it in.
- It cannot be misused. If AirBench is switched on, it is working.
- Costs are low and predictable. We will help you estimate filter life and provide a cost for filter replacement.

## What about traditional solutions?

Extraction arms require installation, and can be misused simply by the operator failing to move the arm. Overhead hoods draw dust and fumes past an operators breathing space; while your room may be clean, your operator may actually be exposed to more of the substance than without extraction. AirBench overcomes these problems.



## What next?

Select a model and filter configuration from this brochure, then call us for a price. Or contact us for a recommendation and a no-obligation on-site demonstration of AirBench solving your dust or fume problem.

Further information is available on our website.

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**WorkPoint**  
environments

**AirBench**  
Leaders in downdraught extraction technology