

## AIRBENCH FPK DOWNDRAUGHT BENCH



### GENERAL SPECIFICATIONS

Power Supply	230v Single Phase - 110v Available
Surface Loading	150 kg - Higher Loadings on Request
Finish	Textured Grey powder coat - other finished available on request
Noise Level	70 dB(A) average across range

Specifications vary for some filter configurations - "A" configuration shown.

Dimensions nominal; specifications subject to change.

### DESCRIPTION

AirBench FPK is a heavy duty downdraught bench designed specifically for continuous seated work.

These types are designed for higher surface loadings but also ideal for applications requiring customisation or additional fittings, for example customer-specific mounting attachments.

FPK models can be supplied with a wide range of alternative filter configurations to suit different fume and dust extraction applications.

### FEATURES

- Full 325mm kneespace for seated work
- Heavy Duty 2mm steel
- Fully welded and powder coated
- 3mm steel surface, perforated and powder coated
- Screw clamped filters
- 5 Standard Sizes

### FILTER CONFIGURATIONS

Filter Category	Applications	Filters
<b>A</b> - Non Sparking Dusts	Aluminium, plastics, atmospheric dusts, flour or similar, GRP, airline cleaning of electronics.	EU4/100 Pleated Panel
<b>F</b> - Fine Dusts	Carbon filtre, finishing/sanding, powder sampling, other composites, softwood dusts, tool cleaning without RCS, suitable for most general dust applications.	EU4/50 Pleated Panel, F7 High Efficiency Panel
<b>B</b> - Very Fine Dusts	Fingerprinting, radip prototyping, model making, conservation and restoration, printer/copier toner cartridge recycling, powder sampling, some chemical dusts.	EU4/50 Pleated Panel, F9 High Efficiency Panel
<b>L</b> - HEPA Filtered	Pharmaceuticals, hardwoods and MDF, laboratory, optical, clean packing areas, materials containing RCS, hazardous dusts.	EU4/50 Pleated Panel, H13 HEPA
<b>E</b> - Low Volume Fume	Solvents, conformal coatings, adhesives, airbrushing, cleaning fluids, not for MEK.	EU4/50 Pleated Panel, Carbon Panel
<b>S</b> - Smoke and Fume	Soldering, brazing, conservation.	EU4/50 Pleated Panel, Carbon Panel, F9 High Efficiency Panel
<b>C</b> - Light Sparks	Fettling, sanding, deburring, dressing of welds.	Labyrinth Baffle, Disposable Media Pad, F5/50 Flame retardant
<b>J</b> - High Volume Fume	Solvents, conformal coatings, adhesives, airbrushing, cleaning fluids, not for MEK.	EU4/25, Carbon Cell, Includes Speed Ctrl
<b>R</b> - Special Duty Fume	Formaldehyde, nitrogen dioxide, sulphur dioxide, hydrogen sulphide, MEK.	EU4/25, Chemisorb Carbon, Includes Speed Ctrl

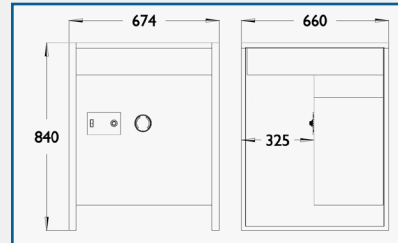
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## AIRBENCH FPK DOWNDRAUGHT BENCH

### AVAILABLE MODELS

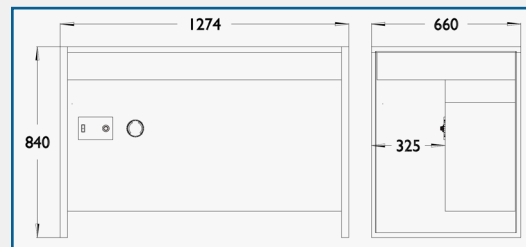
#### FPK066084

Fan Type	Forward Curved Centrifugal
Fan Power	0.36 kW
Airflow	750 m <sup>3</sup> /h @ 100 Pa 1.5 m/s at surface
Dimensions	674 x 660 x 840 mm
Actual Vented Area	610 x 356 mm



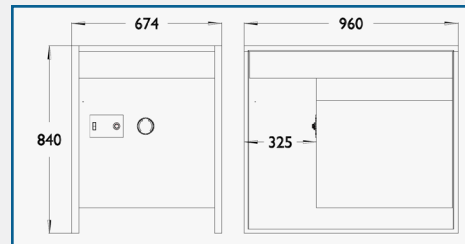
#### FPK126084

Fan Type	Forward Curved Centrifugal
Fan Power	0.36 kW
Airflow	1500 m <sup>3</sup> /h @ 100 Pa 1.5 m/s at surface
Dimensions	1274 x 660 x 840 mm
Actual Vented Area	1210 x 356 mm



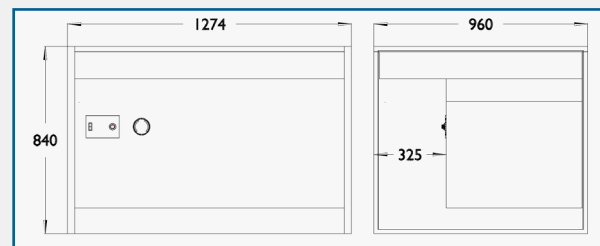
#### FPK069084

Fan Type	Forward Curved Centrifugal
Fan Power	0.17 kW
Airflow	1500 m <sup>3</sup> /h @ 100 Pa 1.5 m/s at surface
Dimensions	674 x 960 x 840 mm
Actual Vented Area	1810 x 656 mm



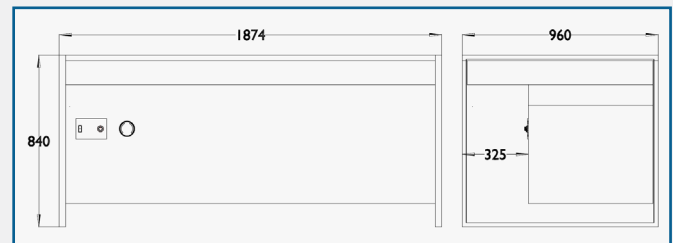
#### FPK129084

Fan Type	Forward Curved Centrifugal
Fan Power	0.37 kW
Airflow	3000 m <sup>3</sup> /h @ 100 Pa 1.5 m/s at surface
Dimensions	1274 x 960 x 840 mm
Actual Vented Area	1210 x 650 mm



#### FPK189084

Fan Type	Forward Curved Centrifugal
Fan Power	0.57 kW
Airflow	4500 m <sup>3</sup> /h @ 100 Pa 1.5 m/s at surface
Dimensions	1874 x 960 x 840 mm
Actual Vented Area	1810 x 656 mm



**NB: Models with 'J' and 'R' type filtration are 960mm high**

## AIRBENCH FPK DOWNDRAUGHT BENCH - ACCESSORIES

<b>Modrack</b>		
	500 enclosure w/ mounts Posts Light and support shelf 300 mm shelf Rear panel with bin rails 2 x socket service panel Airline service panel Airline/socket panel 110 V socket panel	2 x socket service channel Airline service channel Airline/socket channel 110 V service channel
<b>1m Enclosure with Top</b>	<b>Dimensions</b>	<b>Part Codes</b>
	600 x 600	604014
	600 x 900	604015
	1200 x 600	604016
	1800 x 600	604017
	1200 x 900	604018
	1800 x 900	604019
<b>300 mm enclosure</b>		
	600 x 600	604001
	600 x 900	604002
	1200 x 600	604003
	1800 x 600	604005
	1200 x 900	604006
	1800 x 900	604007

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## AIRBENCH FPK DOWNDRAUGHT BENCH - ACCESSORIES

<b>Rubber matting</b>	<b>Dimensions</b>	<b>Part Codes</b>
	600 x 600	607003 x 1
	600 x 900	607001 x 1
	1200 x 600	607002 x 1
	1800 x 600	607004 x 1
	1200 x 900	607001 x 2
	1800 x 900	607001 x 3
<b>MDF surfaces</b>		
	600 x 600	607010
	600 x 900	607013
	1200 x 600	607011
	1800 x 600	607012
	1200 x 900	607014
	1800 x 900	607015
<b>Castors</b>	<b>Item</b>	<b>Part Code</b>
	Castors	WFP
<b>Adjustable height</b>		
	Lifting Mechanism - Manual	602200
	Lifting Mechanism - Powered	602201

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