

AIRBENCH FP 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.

Dimensions nominal; specifications subject to change

DESCRIPTION

The heavy duty AirBench FP range comprises 5 downdraught benches designed for higher surface loadings but also ideal for applications requiring customisation or additional fittings, for example customer-specific mounting attachments.

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

FEATURES

- Heavy Duty 2mm steel
- Fully welded and powder coated
- 3mm steel surface, perforated and powder coated
- Spring clamped filters
- Easy Filter removal
- **Optional** - On/Off switch or speed control
- **Optional** - Filter Monitoring

FILTER CONFIGURATIONS

Filter Category	Applications	Filters
A - Non Sparking Dusts	Aluminium, Wood, GRP, Stone Denibbing, Atmospheric dust	EU4/100 Pleated Panel
H - Fine Dusts	Toner, Carbon Fibre	EU8 Pleated Panel
F - Fine Dusts / Two Stage Filtration	Toner, Carbon Fibre & Higher Use Applications	EU4/50 Pleated Panel F7 High Efficiency Panel
B - Very Fine Dusts	Fingerprinting, Conservation Rapid Prototyping, Model Making	EU4/50 Pleated Panel F9 High Efficiency Panel
L - HEPA Filtered	Hazardous dust, optical, pharmaceuticals, cleanrooms	EU4/50 Pleated Panel Carbon Panel
E - Low Volume Fume	Solvents, Adhesives, Gases, Conformal Coating, Airbrushing, Spray Painting, Low Volumes	EU4/50 Pleated Panel Carbon Panel
R - Smoke and Fume	Soldering, Conservation, Brazing	EU4/50 Pleated Panel Carbon Panel F9 High Efficiency Panel
J - High Volume Fume	Solvents, Adhesives, Gases, Conformal Coatings, Airbrushing, Spray Painting, High Volumes	EU4/50 Pleated Panel 300mm Carbon Cell
C - Light Sparks	Light ferrous sanding, deburring, finishing, light sparks only	Labyrinth Baffle Disposable Media Pad F5/50 Flame retardant
S - Smoke & Fume	Soldering, Conservation, Brazing	EU4/50 Pleated Panel Carbon Panel F9 High Efficiency Panel

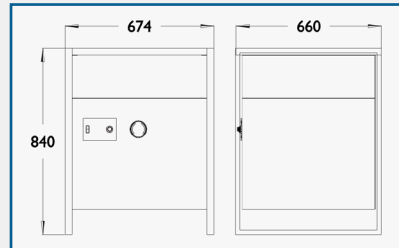
AES OFFER INSTALLATION AND SERVICE SUPPORT FOR ALL EQUIPMENT

AIRBENCH FP DOWNDRAUGHT BENCH

AVAILABLE MODELS

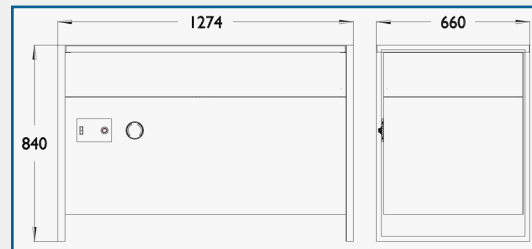
FP066784

Fan Type	Forward Curved Centrifugal
Standard Fan Power	0.17 kW
Nominal Airflow	1500 m ³ /h @ 100 Pa 1.2 m/s at surface
Dimensions	674 x 660 x 840 mm
Actual Vented Area	610 x 656 mm



FP126784

Fan Type	Forward Curved Centrifugal
Standard Fan Power	0.37 kW
Nominal Airflow	3000 m ³ /h @ 100 Pa 1.2 m/s at surface
Dimensions	1274 x 660 x 840 mm
Actual Vented Area	1210 x 656 mm



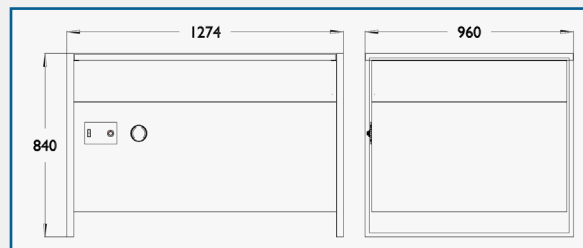
FP186784

Fan Type	Forward Curved Centrifugal
Standard Fan Power	0.57 kW
Nominal Airflow	4500 m ³ /h @ 100 Pa 1.2 m/s at surface
Dimensions	1874 x 660 x 840 mm
Actual Vented Area	1810 x 656 mm



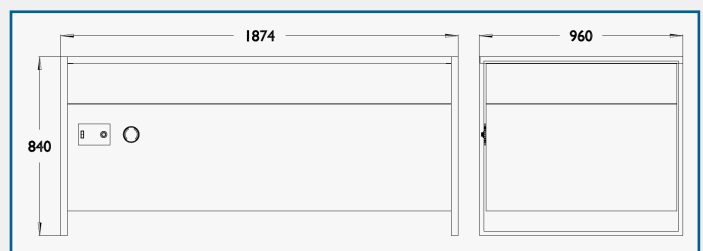
FP129784

Fan Type	Forward Curved Centrifugal
Standard Fan Power	0.57 kW
Nominal Airflow	4500 m ³ /h @ 100 Pa 1.2 m/s at surface
Dimensions	1274 x 960 x 840 mm
Actual Vented Area	1210 x 956 mm



FP189784

Fan Type	Forward Curved Centrifugal
Standard Fan Power	2 x 0.57 kW (1.14 kW Total)
Nominal Airflow	6250 m ³ /h @ 100 Pa 1.2 m/s at surface
Dimensions	1874 x 960 x 840 mm
Actual Vented Area	1810 x 956 mm



AES OFFER INSTALLATION AND SERVICE SUPPORT FOR ALL EQUIPMENT

AIRBENCH FP DOWNDRAUGHT BENCH - ACCESSORIES

Modrack		
	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
1m Enclosure with Top	Dimensions	Part Codes
	600 x 600	604014
	600 x 900	604015
	1200 x 600	604016
	1800 x 600	604017
	1200 x 900	604018
	1800 x 900	604019
300 mm enclosure		
	600 x 600	604001
	600 x 900	604002
	1200 x 600	604003
	1800 x 600	604005
	1200 x 900	604006
	1800 x 900	604007

AES OFFER INSTALLATION AND SERVICE SUPPORT FOR ALL EQUIPMENT

AIRBENCH FP DOWNDRAUGHT BENCH - ACCESSORIES

Rubber matting	Dimensions	Part Codes
	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
MDF surfaces		
	600 x 600	607010
	600 x 900	607013
	1200 x 600	607011
	1800 x 600	607012
	1200 x 900	607014
	1800 x 900	607015
Castors	Item	Part Code
	Castors	WFP
Adjustable height		
	Lifting Mechanism - Manual	602200
	Lifting Mechanism - Powered	602201

AES OFFER INSTALLATION AND SERVICE SUPPORT FOR ALL EQUIPMENT