

## AIRBENCH FPW & FPT DOWNDRAUGHT BENCH



### DESCRIPTION

The heavy duty AirBench FPW and FPT ranges comprise 2 downdraught benches designed specifically for welding and grinding applications. FPW and FPT use a unique spark-trap layout and 3 stage filter system to protect the final filter from spark and allow the capture of hot materials.

The FPT type also benefits from integral kneespace for seated working.

### 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	<60 dB(A) average across range

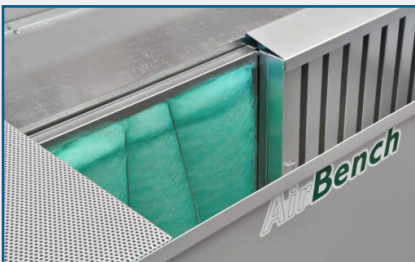
Specifications vary for some filter configurations

Dimensions nominal; specifications subject to change

### CONSTRUCTION FEATURES

- Unique spark-protection layout
- Heavy Duty 2mm steel
- Fully welded and powder coated
- 3mm steel surface, perforated and powder coated
- Screw clamped filters

### FEATURES



#### Filter Options

A range of standard filter options allows us to specify the most appropriate configuration for every application.



#### Pre Filter Options

Simple access to prefilters via perforated top allows for easy maintenance and fast filter changes.



#### Main Filter Access

Main filters are housed to the left or right in a dedicated module, and can be replaced in minutes.



#### Large Ventilated Area

The FPW range features a ventilated area of 1200/1800mm x 600mm nominal, allowing operators to use a large proportion of the bench top with full extraction.



#### Controls

Simple on/off switch on a single unit, timed run or centrally controlled, daisy chained systems for multiple installations. Speed control is available as a simple option. Every unit is fitted with filter condition monitoring via a pressure loss gauge.

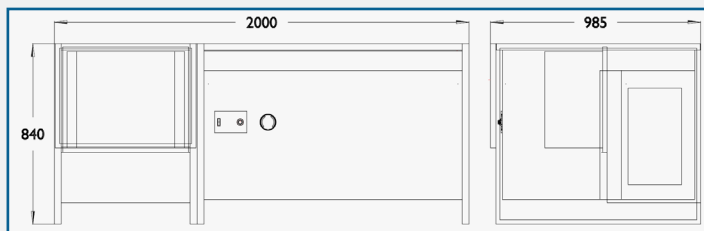
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## AIRBENCH FPW & FPT DOWNDRAUGHT BENCH

### AVAILABLE MODELS

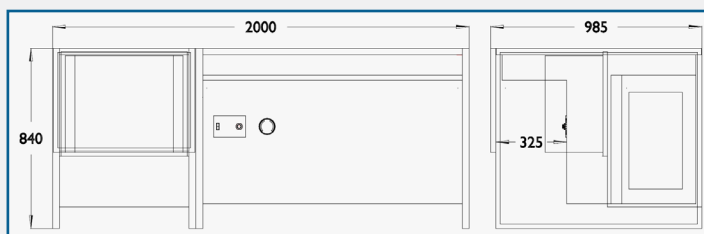
#### FPW209084

Fan Type	Backward Curved Centrifugal
Fan Power	0.86 kW
Nominal Airflow	3000 m <sup>3</sup> /h 1.2 m/s at surface
Dimensions	2000 x 985 x 840 mm
Actual Vented Area	1210 x 656 mm



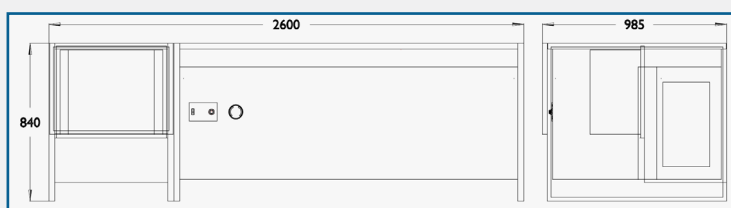
#### FPT209084

Fan Type	Backward Curved Centrifugal
Fan Power	0.86 kW
Nominal Airflow	3000 m <sup>3</sup> /h 1.2 m/s at surface
Dimensions	2000 x 985 x 840 mm
Actual Vented Area	1210 x 656 mm



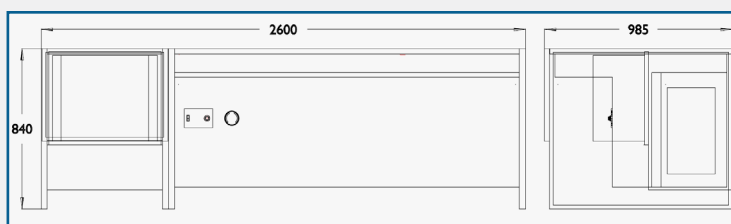
#### FPW269084

Fan Type	Backward Curved Centrifugal
Fan Power	1.35 kW
Nominal Airflow	4500 m <sup>3</sup> /h 1.2 m/s at surface
Dimensions	2600 x 985 x 840 mm
Actual Vented Area	1810 x 656 mm



#### FPT269084

Fan Type	Backward Curved Centrifugal
Fan Power	1.35 kW
Nominal Airflow	4500 m <sup>3</sup> /h 1.2 m/s at surface
Dimensions	2600 x 985 x 840 mm
Actual Vented Area	1810 x 656 mm



### FILTER CONFIGURATIONS

Filter Category	Filters	
	Pre	Final
<b>K</b> - Grinding & similar	Labyrinth and pad	F6
<b>D</b> - Welding & similar	Labyrinth and pad	F9
<b>P</b> - Hazardous Dusts	Labyrinth and pad	H13

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## AIRBENCH FPW & FPT DOWNDRAUGHT BENCH - ACCESSORIES

<p><b>Modrack</b></p> 	<p>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</p>	<p>2 x socket service channel Airline service channel Airline/socket channel 110 V service channel</p>
<p><b>1m Enclosure with Top</b></p>	<p><b>Dimensions</b></p>	<p><b>Part Codes</b></p>
	<p>1950 x 960</p>	<p>604025</p>
	<p>2550 x 960</p>	<p>604026</p>
<p><b>300 mm enclosure</b></p>		
	<p>1950 x 960</p>	<p>604008</p>
	<p>2550 x 960</p>	<p>604027</p>

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## AIRBENCH FPW & FPT DOWNDRAUGHT BENCH - ACCESSORIES

Rubber Matting	Dimensions	Part Codes
	1950 x 960	607001 x 2
	2550 x 960	607001 x 3
Adjustable Height	Item	Part Codes
	Lifting Mechanism - Manual	602200
	Lifting Mechanism - Powered	602201
Castors		WFP

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