



## AirBench WD

Downdraught Bench with Wet Filter Solution - for Explosive Dusts

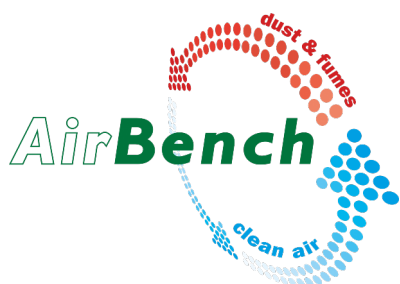


### Downdraught Bench

Downdraught bench with internal plenum for direct connection to ducting

### Wet Filter

Wet filter for explosive dusts.  
Wide range of sizes to suit application.



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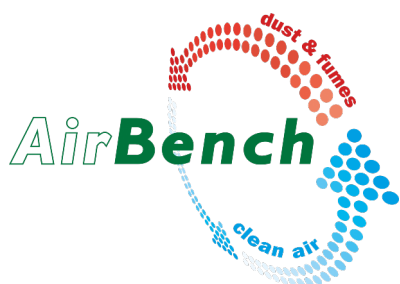
## WD3 & FP126784P Package

### FP126784P DOWNDRAUGHT BENCH

<b>Construction</b>	2mm Steel
<b>Outlet</b>	200 Dia Spigot To Rear
<b>Airflow</b>	2500 m <sup>3</sup> /h - 1.5m/s at surface
<b>Dimensions</b>	1274 x 660 x 840 mm
<b>Actual Ventilated Area</b>	1210 x 656 mm

### WD3 - 3kw Wet Filter

<b>Fan Type</b>	Backward Curved Centrifugal
<b>Fan Power</b>	3kw / 3ph / 50hz
<b>Airflow</b>	2500m <sup>3</sup> /h at duty point
<b>Dimensions</b>	980 x 660 x 2134 mm
<b>Noise Level</b>	<90 dba



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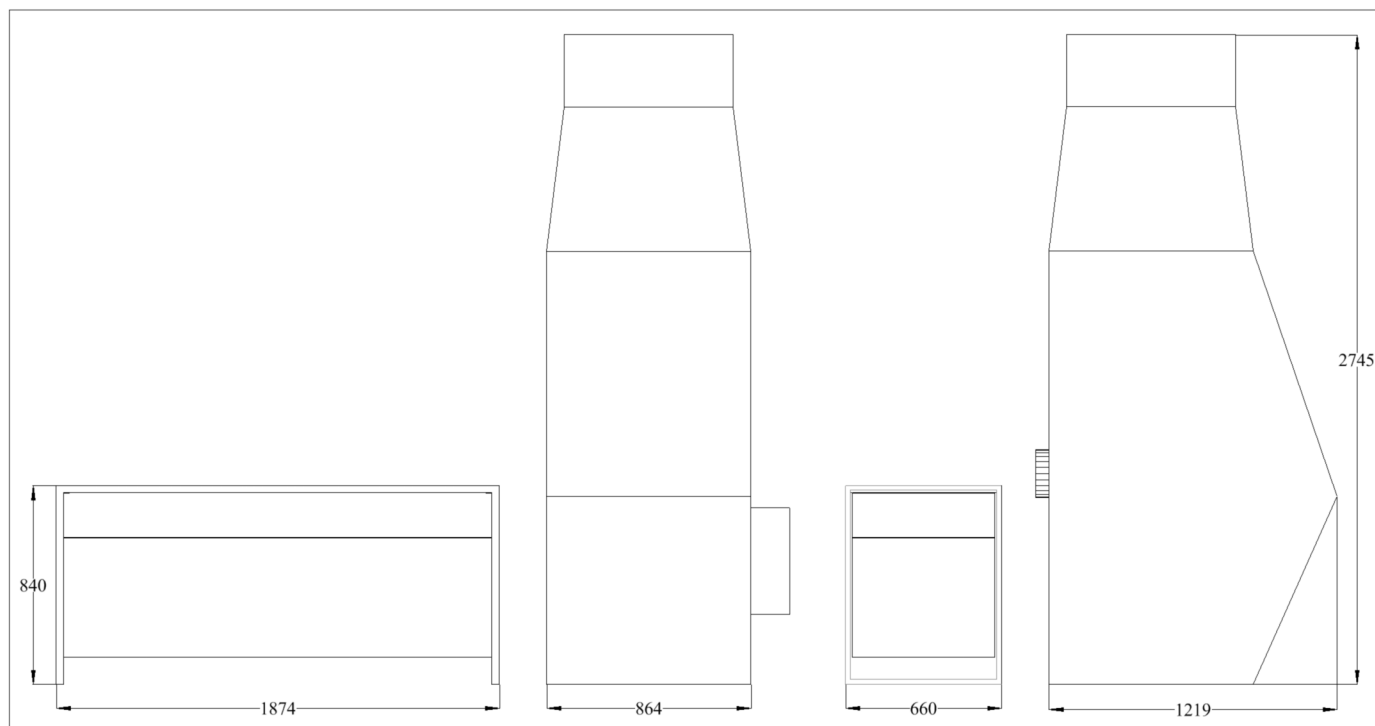
## WD5.5 & FP186784P Package

### FP186784P Downdraught Bench

<b>Construction</b>	2mm Steel
<b>Outlet</b>	250 Dia Spigot To Rear
<b>Airflow</b>	4000 m <sup>3</sup> /h - 1.5m/s at surface
<b>Dimensions</b>	1874 x 660 x 840 mm
<b>Actual Ventilated Area</b>	1810 x 656 mm

### WD5 - 5.5kw Wet Filter

<b>Fan Type</b>	Backward Curved Centrifugal
<b>Fan Power</b>	5.5kw / 3ph / 50hz
<b>Airflow</b>	4000m <sup>3</sup> /h at duty point
<b>Dimensions</b>	1219 x 864 x 2745 mm
<b>Noise Level</b>	<90 dba



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## General Information



**Sample Configurations** - The configurations shown in this document are examples of what we can supply. We can supply alternative bench units; larger filters for demanding applications; and alternative layouts.



**Short Lead Times** - Modular components and pre-determined configurations mean we can usually supply and install within 5-6 weeks



**Installation** - Installation is offered as an option and includes electrical and water connection if required.



**Larger filters support multiple benches** - For multi-bench installations, larger filter units can be provided.

### We Supply

Downdraught Bench  
Wet Filter  
Ducting between bench and filter  
Water Additives

### You supply

Space  
Suitable hard standing  
Protected 3ph electrical supply with isolator  
Water supply with 1/2" BSP connection and tap  
Drainage from wet filter

### Options

Installation  
Ducting to atmosphere  
Weather protection  
Frost protection  
Ducted outlet  
Upgraded water level controls  
Water additives

### General

**Power Supply** 415v, Single Phase.  
**Surface Loading** 150kg as standard - Higher loadings to 500kg on request  
**Finish** Textured grey powder coat - other finishes on request

Dimensions nominal; specifications subject to change.



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