

HOW IT WORKS

FUME AND DUST EXTRACTION SYSTEM

A downdraft Bench is a workbench with built-in fume and dust extraction.

ROBUST WORKBENCH

A downdraft bench that takes dust and fumes away from your work-space by drawing them down through the work surface into the internal filters.

PLUG AND GO

A downdraft bench is a self-contained plug-and-go solution, and can be operational within 15 minutes of being delivered to you.

FP RANGE— HEAVY DUTY WELDED STEEL DOWNDRAFT BENCH

This heavy duty AirBench FP range comprises FIVE downdraft 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.



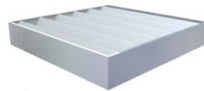
Controls

On/off switch or optional speed control wired to standard 13a plug for rapid installation.



Filter monitoring

By differential pressure gauge



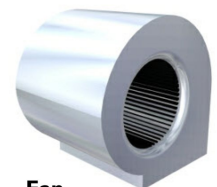
Filters

Selected to suit the application from the full AirBench range.



Body

Aluminium frame with cast corners and plastic coated infill panels. Removable front cover for ease of maintenance. Kneespace for occasional seated working



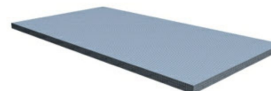
Fan

High powered centrifugal fan
* 2 fans in larger units.



Filter removal

Quickly and simply by sliding out through the removable front cover.



Surface

Heavy duty 3mm perforated steel plate with 4mm dia perforations, powder coated.
* In multiple sections on 960 deep units.



Filter clamping

Spring clamped against purpose made soft rubber seals.



Optional 300mm shroud



Optional overhead 1m high canopy.



KEY FEATURES

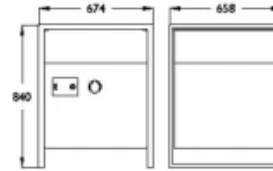
- For standing or occasional seated working
- Heavy Duty 2mm steel
- Fully welded and powder coated
- 3mm steel surface - perforated and powder coated
- Screw clamped filters

Available Filters:

- ‘A’ – Non sparking dusts
- ‘H’ – Fine dusts
- ‘F’ – Fine dusts / higher volumes
- ‘B’ – Very fine dusts
- ‘L’ – HEPA filtered
- ‘E’ – Low volume fumes
- ‘J’ - High Volume fumes
- ‘R’- Special Duty fumes
- ‘C’ – Dust with Light sparks
- ‘S’ - Solder Fumes

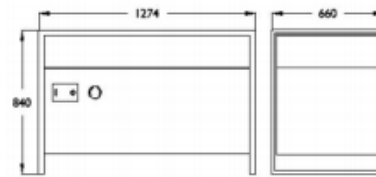
FP066784

Fan Type	Forward Curved Centrifugal
Fan Power	170w
Airflow	1000 m3/h - 1.5m/s at surface
Dimensions	674 x 660 x 840 mm
Actual Ventilated Area	610 x 656 mm



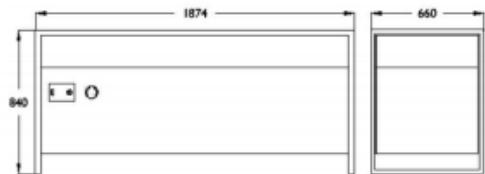
FP126784

Fan Type	Forward Curved Centrifugal
Fan Power	550w
Airflow	2000 m3/h - 1.5m/s at surface
Dimensions	1274 x 660 x 840 mm
Actual Ventilated Area	1210 x 656 mm



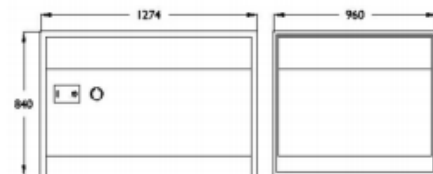
FP186784

Fan Type	Forward Curved Centrifugal
Fan Power	570w
Airflow	3000 m3/h - 1.5m/s at surface
Dimensions	1874 x 660 x 840 mm
Actual Ventilated Area	1810 x 656 mm



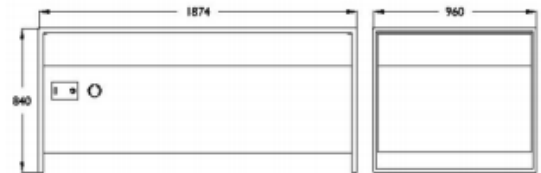
FP129784

Fan Type	Forward Curved Centrifugal
Fan Power	570w
Airflow	3000 m3/h - 1.5m/s at surface
Dimensions	1274 x 960 x 840 mm
Actual Ventilated Area	1210 x 956 mm



FP189784

Fan Type	2 x Forward Curved Centrifugal
Fan Power	2 x 570w
Airflow	4500 m3/h - 1.5m/s at surface
Dimensions	1874 x 960 x 840 mm
Actual Ventilated Area	1810 x 956 mm



Available Filter Configurations

A: Dust
H: Fine Dust
F: Fine Dust - Two Stage
B: Very Fine Dust
L: HEPA Filtered
E: Fume in Low Volumes
J: Fume in High Volumes
R: Special Duty Fume
S: Solder Fume
C: Dust with some sparks

General

Power Supply 240v, Single Phase - 110v available
Surface Loading 150kg - Higher loadings on request

Finish Textured grey powder coat - other finishes on request
Noise Levels 63 dba across range

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

J and R configurations use deeper filters and lower power fans.

Dimensions nominal; specifications subject to change.



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