

AES GCB FUME EXTRACTION BENCH



Model shown - GCB20

DESCRIPTION

The AES GCB recirculating downdraft benches are suitable for a range of low volume fumes & smoke generating applications.

The benches are available in three lengths, with two filter configurations (see bench selection guide).

The filters are front loading and can be changed by the end user without the need to move the bench when filter change or maintenance is required.

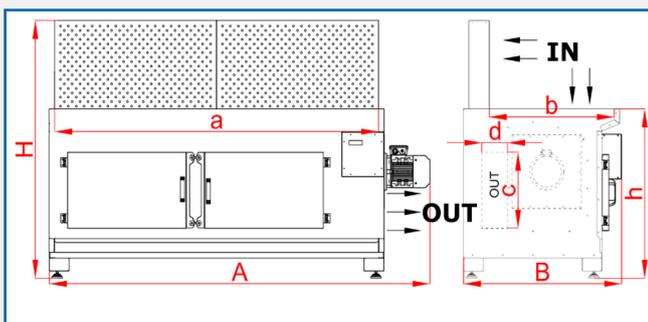
FEATURES

- Rear panel with extraction and side panels to maximise the bench efficiency
- Dust collection drawer
- Extraction fan 240 V / 1 ph. or 400 V / 3 ph.
- Three stage filtration includes carbon panel
- Multifunction LCD display
- Additional options include a side mounted silencer

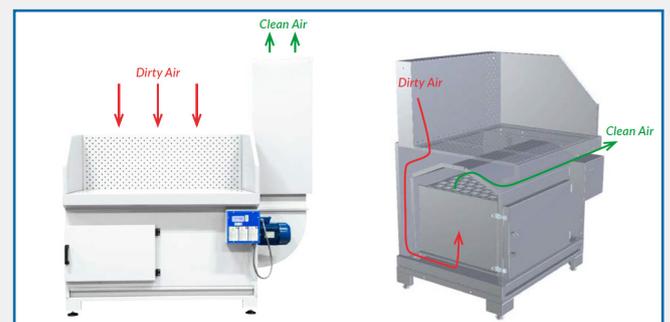
TECHNICAL SPECIFICATION

	GCB 10	GCB 15	GCB 20
Dimensions (AxBxH)	1210 x 900 x 1400 mm	1710 x 900 x 1400 mm	2210 x 900 x 1400 mm
Extraction Desk (axbxh)	870 x 715 x 920/960 mm	1370 x 715 x 920/960 mm	1870 x 715 x 920/960 mm
Outlet Dimensions (cxd)	415 x 200 mm	415 x 200 mm	415 x 200 mm
Maximum Load (Kg/m ²)	150	150	150
Airflow (m ³ /h)	2 250	3 000	4 500
Power (kW)	1.1	1.5	2.2
Pressure (Pa)	600	600	600
Filter Surface (m ²)	18	18	36
Carbon Quantity (Kg)	9	9	18
Sound Level dB(A)	73	78	74

DIMENSIONS DRAWING



AIRFLOW PATH



AES OFFER INSTALLATION AND SERVICE SUPPORT FOR ALL EQUIPMENT

AES GCB FUME EXTRACTION BENCH



Model shown - GCB15

Front loading maintenance access for filter change.

MULTIFUNCTION LCD DISPLAY INCLUDED AS STANDARD



OPTIONAL ACCESSORIES

- Side mounted silencer to reduce noise level by up to -10dB
- Heavy duty castors
- Upgraded surface load bearing to 250kg/m²
- Vice preparation plate
- Desk mounted plastic strips
- 350 mm knee space extension
- Spare filter kit



GCB10 with optional side mounted silencer (-10dB).

AES GDB BENCH SELECTION GUIDE

LOW VOLUME FUME	SMOKE AND FUME	HIGH VOLUME FUME	SPECIAL DUTY FUME
Solvents	Soldering	Solvents	Formaldehyde
Conformal Coatings	Brazing	Conformal Coatings	Nitrogen Dioxide
Adhesives	Conservation	Adhesives	Sulphur Dioxide
Airbrushing		Airbrushing	Hydrogen Sulphide
Cleaning fluids		Cleaning fluids	MEK
Not for MEK		Not for MEK	
FILTERS	FILTERS	To be connected to a carbon filter unit or wet scrubber	To be connected to a carbon filter unit or wet scrubber
G4 PANEL FILTER	G4 PANEL FILTER		
F7 Pocket Filter	F9 Pocket Filter		
205E Carbon	205E Carbon		
Final Filter Efficiency	Final Filter Efficiency		
208EA grade carbon	208EA grade carbon+ 89-98% @ 0.5 Micron		
<i>Models available</i>	<i>Models available</i>	<i>Models available</i>	<i>Models available</i>
GCB10-G4-F7 - 1.0 m	GCB10-G4-F9 - 1.0 m	GEB 10	GEB 10
GCB15-G4-F7 - 1.5 m	GCB15-G4-F9 - 1.5 m	GEB 15	GEB 15
GCB20-G4-F7 - 2.0 m	GCB20-G4-F9 - 2.0 m	GEB 20	GEB 20
		GEB CONNECTED TO DCA DUE TO HIGH VOLUME OF FUME	GEB CONNECTED TO DCA DUE TO SPECIAL DUTY FUME

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