Rev. 2 - March 2021



Dust and Fume Extraction

BV930H-C SPRAY BOOTH



DESCRIPTION

The BenchVent BV930H-C, a large dual-speed hood mounted filtration cabinet with high-efficiency carbon filter to capture, contain and filter for a cleaner, healthier working environment.

These units are designed for immediate operator protection from concentrations of airborne contaminants whereby all gases, fumes, vapours and particulates within the hood enclosure are filtered and cleaned air is exhausted to the top rear of the cabinet.

FILTRATION

The particulate filter is a three stage graduated fibre filter with a high "dust" holding capacity for long life. Filtration to 5 micron particles. (Optional HEPA filters available to approx. 0.3 micron particles). This is followed by a high grade bonded carbon filter.

CONSTRUCTION

- Steel construction finished in dove grey
- Fan/filter unit mounted onto the hood enclosure complete with clear polycarbonate panel and hood lighthing
- Particulate filter
- Bonded carbon filter
- Centrifugal blower, external rotor motor type brushless
- UL, VDE and CSA approved
- Sealed electrics, downstream of filters
- Dual speed function for higher vapour adsorption
- Optional UV light

TE	C	HNICAL	SPECIFIC	ATION
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External Dimensions $(L \times D \times H)$	960 x 800 x 800 mm	
Internal Dimensions $(L \times D \times H)$	960 x 620 x 660 mm	
Weight	55 kg	
Electrical Specification	230V 50Hz, 210 W 110V 60Hz, 220 W	
Air Volume	710 m³/hr	
Average Air Velocity @ Filter Face	0.57 m/sec	
Average Air Velocity @ Hood Face	0.50 m/sec	
Filters	Particle Filter - IFA2 Carbon Filter - AC100 Optional HEPA Filter - HE705	
Noise Level LAeq	61 db(A)	

OPERATION

All WS filtration and extraction systems carry a lifetime warranty, are quiet in operation and can be assembled in seconds. Place onto a desk, bench or trolley and then simply plug in and switch on.

Handling and/or use of potentially harmful substances is carried out within the hood enclosure in front of the intake filter area. Cleaned air is vented to the top rear of the units. For artwork applications, standard A1 drawing boards can be placed within the hood enclosure. The boards fit at an angle for efficient overspray capture. Optional UV light can be fitted for PCB inspection.

DIMENSIONS

AES OFFER INSTALLATION AND SERVICE SUPPORT FOR ALL EQUIPMENT