

## BV500S-C TECHFLO FILTER BOOTH



### DESCRIPTION

The BenchVent BV500S-C, a high-efficiency filter cabinet with acrylic capture shield to contain and filter within dental labs, electronic design, pharmaceutical labs, and classroom environments.

The BV500S-C is suitable for use in numerous situations where external venting is impractical but where contaminant capture and filtration is necessary. This includes the filtration of fumes, vapour and particulates emanating from: Monomers, adhesives, hazardous powders/particulates, conformal coatings, resins, sealants, solders, light grinding particles and dusts, organic solvents etc.

The folding PETG shield can be stored if not required thus reducing the unit footprint considerably. Handling and / or use of potentially harmful substances is carried out in front of the intake filter area. Cleaned air is vented to the top rear of the units .

### FEATURES

- Steel construction finished in dove grey
- Fan filter unit mounted onto clear hood enclosure
- Particulate filter
- Carbon impregnated fibre filter
- External brushless motor
- UL, VDE and CSA approved
- Sealed electrical wiring and switch, downstream of filters

### TECHNICAL SPECIFICATION

Dimensions (L x D x H)	575 x 385 x 530 mm
Weight	25 kg
Electrical Specification	230V 50Hz
Fan Motor Power	105W
Air Volume	325 m <sup>3</sup> /hr
Average Air Velocity @ Filter Face	0.50 m/sec
Average Air Velocity @ Hood Face	0.38 m/sec
Filters	Filter Kit - IFA3 Charcoal Filter - CHA3 Filter Kit - FKA3
Noise Level	60 db(A)

### FURTHER INFORMATION

These units are designed predominantly for studio / classroom / workshop cleanliness and for immediate operator protection from concentrations of airborne contaminants. They are not recommended for continual usage, i.e. production applications, particularly in confined and/or badly ventilated areas.

And remember demonstrating adequate control of the risks to the health of employees students and the general public, from dusts, powders, mists, fumes and vapours is the fundamental requirement of the Control of Substances Hazardous to Health (CoSHH).

### AES PART CODE/ORDERING TABLE

BV500S-C Spray Booth 230v	DF-SB50-001
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AES OFFER INSTALLATION AND SERVICE SUPPORT FOR ALL EQUIPMENT