

BV550CIR

Air Filtration Cabinets

BenchVent
The Bench Ventilation Company

Non-Ducted Fume & Particulate Extraction Cabinet

Capture, contain and filter for a cleaner, healthier working environment within Science and Pharmaceutical Laboratories

Applications include filtration of:

Chemicals, gases, vapours and particulates and recirculating cleaned air back into the laboratory.

With a footprint of only 550mm x 545mm it takes up minimal bench space, but has the carbon filter capacity of a much larger unit.



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) regulations 2002 and 2004.

www.benchvent.com

BenchVent Filtration Cabinets

NOTE: These units are recirculatory; i.e. filtered air is exhausted back into the workplace.

For a cleaner, healthier working environment.

Description

Epoxy coated Zintec Steel construction finished in dove grey – fan/filter unit mounted onto hood enclosure - particulate filter – carbon impregnated fibre filter– centrifugal blower external rotor motor type brushless, UL, VDE and CSA approved - sealed electrical wiring and switch, downstream of filters. 18 watt Hood Lighting, folding acrylic sash, low airflow alarm, cable entry port. 6mm clear acrylic front and side panels

Operation

BV550CIR systems carry a 5 year 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.

Filtration

12kgs activated carbon filter . Filter type to be specified at time of ordering to ensure maximum efficiency. Pre-filter. HEPA filter on outlet if required.

Through the process of filtration, adsorption and dilution, operator exposure to concentrations of potentially hazardous substances is vastly reduced.

Specification

Model Number	Fan Motor* Spec	Air Volume At Free Air	Ave. Air Velocity At Filter Face	External Dims	Internal Dims	Noise Level LAeq dB(A)
BC650CIR	230V 50Hz 80W	250m ³ /hr	0.5m/sec	550x545x1132 (wxdxh)	500x510x760 (wxdxh)	<55

*110v 50 or 60Hz available on request

Options

Stainless Steel high-lipped spillage tray
GRP Spillage tray
Polypropylene High-lipped Spillage Tray
Carbon Filter Saturation Alarm
Base Stand
Double Electrical Socket
Carbon Filter Saturation Alarm
Base Sta

These units are designed predominantly for laboratory / classroom / workshop cleanliness and for immediate operator protection from concentrations of airborne contaminants. Please contact BenchVent for advice on the choice of machine for any given situation.

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