

BV250-A

Dual Bench Mounted Arm Filtration Unit



Dual Arm Extraction for Solder Applications

The BV250-A dual arm extraction unit has been designed primarily to extract the fumes generated during hand soldering in the electronics industry. This portable system comes complete with an extraction arm and installation kit that contain everything required to set up an operator with ease. Minimal installation allows this unit to be moved with the work bench when factory layouts need changing due to production challenges. The low noise level and fully comprehensive filtration is ideal for factories with changing production demands.



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.

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BenchVent Filtration Cabinets

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

For a cleaner, healthier working environment.

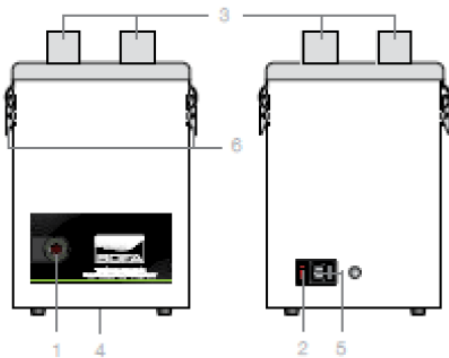
Description

Light steel powder coated enclosure - 2x50mm Inlet Connections, 2x1mtr ESD Safe Stayput flexible arms - Table Bracket - Installation Hose - Pre filter - Combined HEPA/Gas Filter - Optional Remote Digital Speed Control - Filter blocked indicator - 20 sec overrun safety feature - 240V (50/60Hz) or 110V 60/50Hz fan motor. 10kgs

Operation

All BV filtration and extraction systems carry a return to base warranty, are quiet in operation and can be assembled in seconds. Place under a desk, attach hoses and then simply plug in and switch on.

For removal and containment of fine smoke and chemicals in soldering and industrial applications



Technical Specification:

- 1 Filter Condition Display
- 2 On/Off Switch
- 3 Hose Inlet Connection - 50mm
- 4 Exhaust Outlet
- 5 Power Cable Inlet
- 6 Lid Latches

Filtration

Three stage filtration: F7 Glass Pad filters (96% to 2 microns) Combined HEPA and Gas Filter - Combination of Maxi Pleat HEPA filter (99.997% efficient to 0.3micron) and Activated Carbon filter

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

Specification

Model Number	Dimensions (HxWxD)	Fan Motor* Spec	Air Volume At Free Air	Ave. Air Velocity At Filter Face	Noise Level LAeq dB(A)
BV-250-A	380x260x260mm	230V 50Hz* Load 0.9amps/135W	180m3/hr	NA	<55

*110v 50 or 60Hz available on request

These units are designed for immediate operator protection from concentrations of airborne contaminants whereby all gases, fumes, vapours and particulates on top of the unit are drawn into the intake filter.

Cleaned air is exhausted to the base of the bench. Higher grade filters are available on request.

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