

BV400-DP

Industrial Particle & Dust Filtration Unit

Particle and Dust Extraction Unit

The DustPRO 400 extraction unit has been developed for the safe and effective removal of swarf and smaller particulates during processes such as routing, mechanical engraving, grinding and turning.

One of the main problems with other router extraction relates to the type of pump used. Most have brushed motors which are noisy in operation and frequently burn out, with the average life of brushes being around 800 hours.

The pump used in the DustPRO 400 is brushless and designed for continuous running with minimum 30,000 hours use before servicing.

They generate high vacuums and are quiet in operation. The large capacity bag filter has a very high efficiency.

Applications:

PCB Cutting, Drilling, Linishing, Marking, CNC Engraving, Routing, Paper Cleaning, Dental Labs, Mail Sorting



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.

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

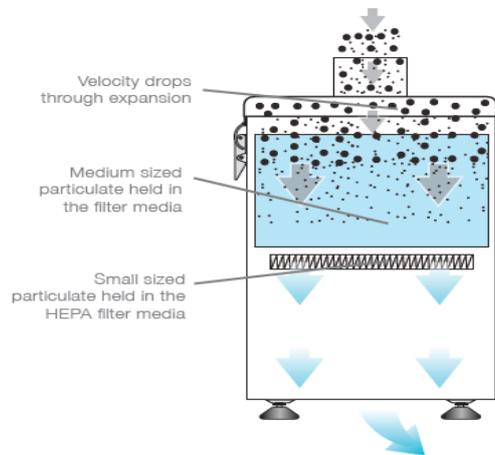
Light steel powder coated enclosure - 75mm Inlet Connections - Pre filter - High volume dust bag - Digital Speed Control - Filter blocked indicator - 20 sec overrun safety feature - 240V (50/60Hz) or 110V 60/50Hz fan motor. 9.1kgs. Optional hose kits are available to suit each individual requirement.

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 dust and particulate in industrial applications

AIRFLOW THROUGH FILTERS



Filtration

Two stage filtration: F8 high Volume (6.4ltrs) dust bag filter (95% efficient to 0.9 microns) Maxi pleat filter construction (99.997% to 0.3microns)

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-400DP	510x280x256mm	230V 50Hz* Load 12.5amps/1.1KW	400m3/hr	NA	<66

*110v 50 or 60Hz available on request

These units are designed for immediate operator protection from concentrations of airborne contaminants whereby all dust and particulates are drawn into the intake filter bag.

Cleaned air is exhausted to the base of the unit. .

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