

BV570H-C or H

Air Filtration Cabinets



Small Desktop Fume Cabinets

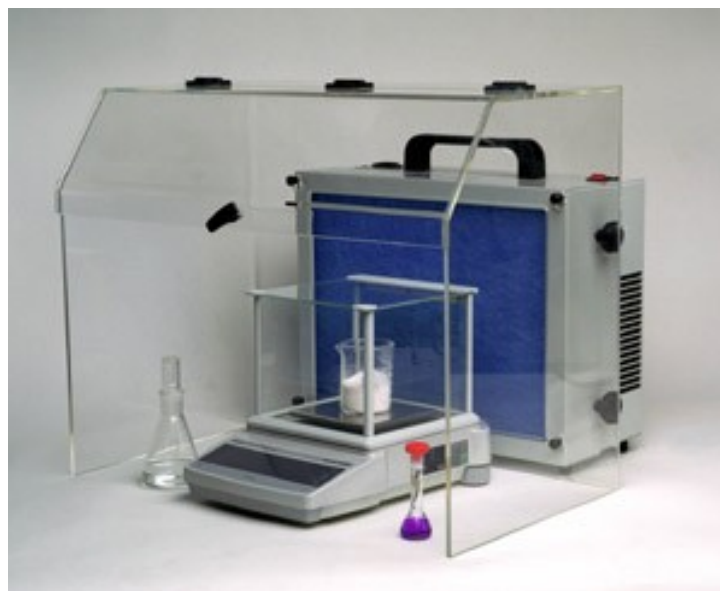
Contain and filter for a cleaner, healthier working environment within dental labs, electronic design and rework, pharmaceutical labs, education and more.....

For use in numerous situations where external venting is impractical but where contaminant capture and filtration is necessary.

Applications include the filtration of fume, vapour and particulates emanating from:

Monomers, adhesives, hazardous powders/particulates, conformal coatings, resins, sealants, solders, light grinding particles and dusts, organic solvents etc.

T570H-C (For hydrocarbons) and T570H-H (For fine particulates)



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 Air Filtration Unit

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

For a cleaner, healthier working environment.

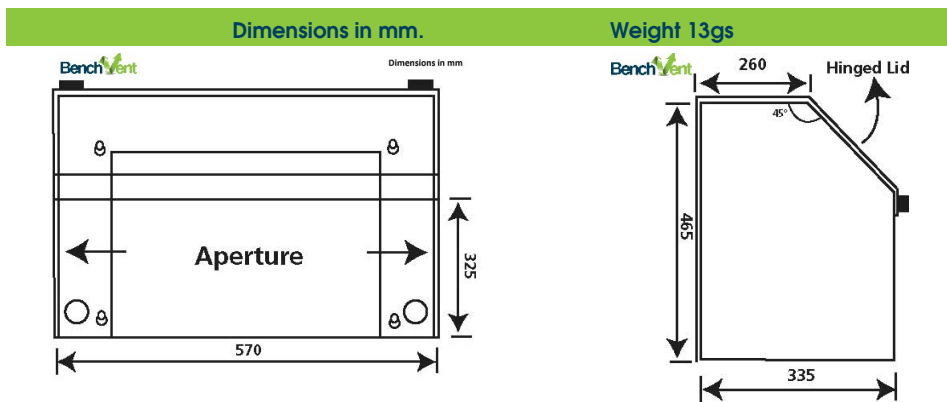
Description

Fan/filter casing (steel construction finished in dove grey) – clear PETG plastic fume hood – pre filter – carbon or HEPA filter – radial blower, external rotor motor type brushless, UL, VDE and CSA approved - sealed electrical wiring and switch, downstream of filters – carry handle.

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.

The T570 Hood has a hinged lid to assist, for example, in positioning weigh scales and the like within the hood. The weighing and handling of potentially harmful powders/particulates, applying adhesives, cleaning solvents, soldering and using small grinding tools etc is carried out within the hood and cleaned air is vented to the right rear of the cabinet.



Filtration

Comprises of a pre-filter to 15-20 microns followed by a 3.5 kg high grade bonded carbon filter for hydrocarbon (organic solvent, gas) adsorption (BV570H-C). Or alternatively a pre-filter to 15-20 microns with a EPA mini pleat for fine particulate removal to approx 0.3 micron (BV570H-H).

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

Specification

Model Number	Fan Motor* Spec	Air Volume At Free Air	Ave. Air Velocity At Filter Face	Ave. Air velocity At Shield Face	Noise Level LAeq dB(A)
BV570H-C/H	230V 50Hz 60W	202m ³ /hr	0.50m/sec	0.32m/sec	58

*110v 50 or 60Hz available on request

This unit is 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 right rear of the cabinet. It is not recommended for continual usage, i.e. Production applications, particularly in confined and/or badly ventilated areas. See larger TechFlo filtration/extraction cabinets for higher specification requirements.

Please contact BenchVent for advice on the choice of machine for any given situation.

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