



Fume and Vapour Extraction Unit

Contains, filters and expels for a cleaner, healthier working environment within electronic design and rework, design and technology in education and more.....

Applications include extraction of fumes and fine particles when handling:

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

T500S-D Extraction Unit



TechFlo Extraction Unit Model No. T500S-D

NOTE: This unit exhausts air via flexi-duct to atmosphere.

Description

Fan/filter casing (steel construction finished in dove grey) – clear PETG folding plastic fume shield – particulate (intake filter) – centrifugal blower, external rotor motor type, brushless, UL, VDE and CSA approved - sealed electrical wiring and switch, downstream of filter - flexi-duct 2 metres x 100mm dia. – carry handle.

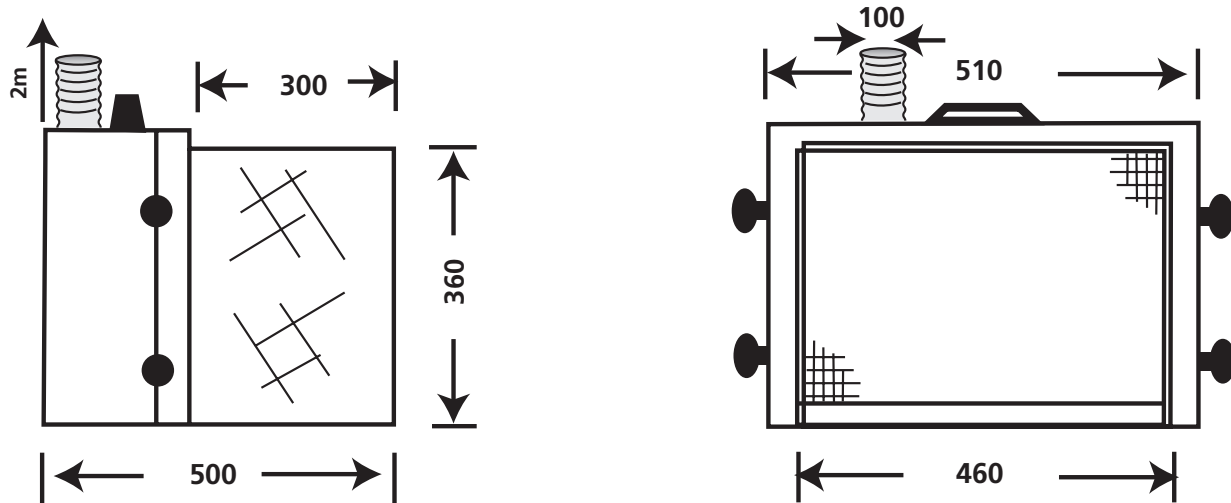
Operation

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 Flexi-duct can be fixed to a standard domestic vent or simply placed through a partially open window to facilitate portability and/or convenience.

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.

T500S-D Weight = 11kgs



Filtration

The particulate (intake) filter is a three stage graduated fibre filter with a high 'dust' holding capacity for long life. Filtration to 5 micron particles. NB: Spray particulate sizes vary from 10 to 20 microns

The dual process of filtration and then extraction to atmosphere via flexi-duct, vastly reduces and/or eliminates operator exposures to potentially hazardous substances.

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)
T500S-D	230V 50Hz 40W	355 m3/hr	0.5 m/sec	0.32 m/sec	58

* 110 Volts 50 or 60Hz available if required

This unit is designed for immediate operator protection whereby 'large' particulates (> 5 microns) are filtered out and 'fine' particulates (<5 microns) together with odours, gases, vapours and fumes within the intake filter zone are drawn through and exhausted to atmosphere via the flexi-duct. Also see other TechFlo cabinets for higher specification filtration and extraction.

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

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