



## Fume Extraction Hoods and Cabinets

Capture, contain, filter and expel for a cleaner, healthier working environment within electronic design and rework, dental/medical labs, pharmaceutical labs, design and technology, science in education and more...

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

Spray adhesives, conformal coatings and paints, monomers, hazardous powders and particulates, resins, sealants, solders, light grinding particles, organic solvents and cleaners etc.

### T660H-D and T930H-D

Extract Cabinets (All odours and gases are extracted to atmosphere)

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# Model No's T660H-D and T930H-D

NOTE: These units exhaust air via flexi-duct to atmosphere

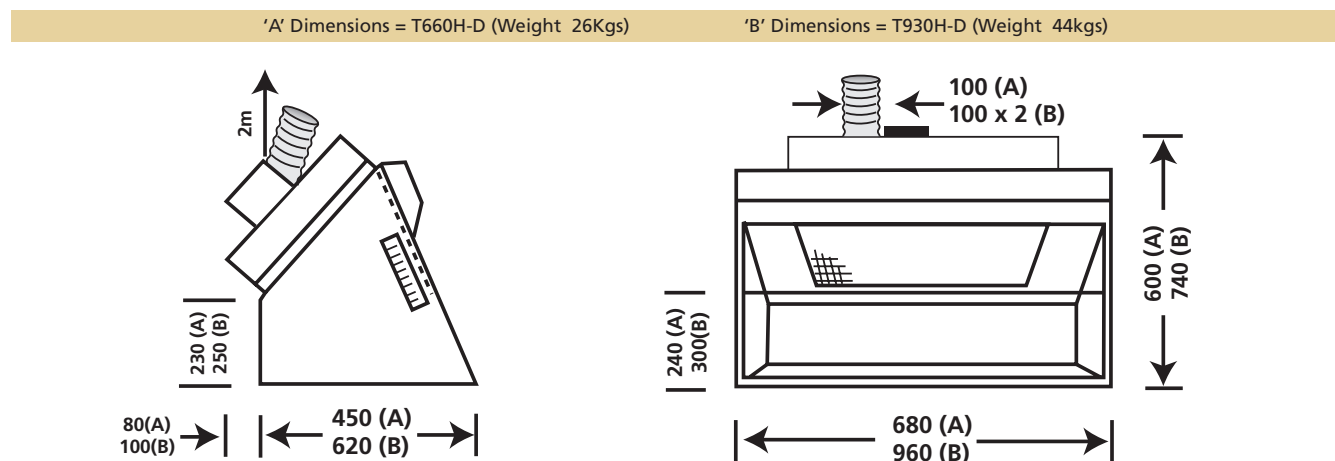
## Description

Steel construction finished in dove grey – fan/filter unit mounted onto hood enclosure complete with clear polycarbonate panel and hood lighting - particulate filter – centrifugal blower(s) (T930H-D has 2 blowers), external rotor motor type, brushless, UL, VDE and CSA approved - sealed electrical wiring and switch, downstream of filter. Flexi-duct(s) 2 metres x 100mm dia. T930H-D has 2 ducts.

## 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(s) can be fixed to a standard domestic vent or simply placed through a partially open window to facilitate portability and/or convenience. All handling and/or use of potentially harmful substances is carried out within the hood enclosure in front of the intake filter area. For artwork applications, standard A2 (T660H-D) or A1 (T930H-D) drawing boards can be placed within the hood enclosure. The boards fit at an angle for efficient overspray capture.



## 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 Hood Face	Noise Level LAeq dB(A)
T660H-D	230V 50Hz 105W	355 m3/hr	0.60 m/sec	0.55 m/sec	58
T930H-D	230V 50Hz 210W	710 m3/hr	0.60 m/sec	0.60 m/sec	60

\* 110 Volts 50 or 60Hz available if required

These fume cabinets are 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 hood enclosure are exhausted to atmosphere via the flexi-duct(s). Also see TechFlo cabinets model No's T660H-C and T930H-C (higher specification filtration) where external venting is impractical.

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