



Extraction Unit for Aerosols, Airbrushes and more

Contains, filters and extracts for a cleaner, healthier working environment for the hobbyist, modeller and arts and craft enthusiast.

Applications include filtration and removal of;

Aerosol paints, lacquers, adhesives (glue booth for Spray Mount). and airbrush overspray. Solder fume, general solvent vapours and gases extracted to atmosphere. Filtration of grinding dusts, general particulates and powders etc

A300S-D

Extraction unit



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.



GraphicAir Extraction Unit

Model No. A300S-D

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

Description

Steel construction finished in dove grey – plastic replaceable spray/fume shield – particulate 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

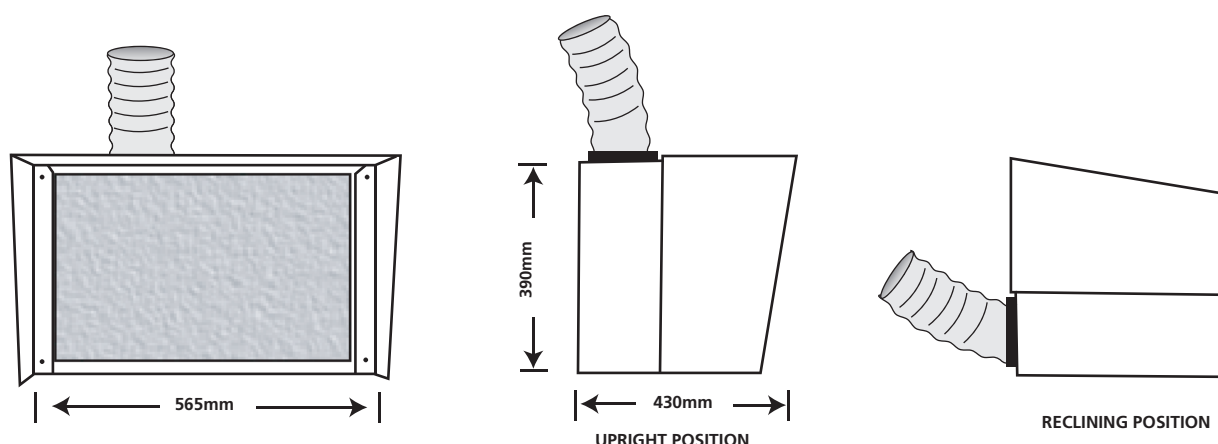
All WS filtration and extraction systems carry a lifetime warranty, are quiet in operation and can be assembled in seconds. Place onto a desk, bench or trolley and then simply plug in and switch on.

The Flexi-duct can be fixed to a standard domestic vent or simply placed through a partially open window to facilitate portability or convenience. This unit can be used in two positions.

Horizontal position – for Spray Mount, aerosol lacquers and fixatives etc. applied to artwork placed onto the filter. Accommodates artwork up to A3 size.

Vertical position – For model sprays and airbrush use – light grinding particles (not sparking) – solder fume extraction and general solvent and gas extraction.

A300S-D Weight = 10 kgs



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 exposure 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)
A300S-D	230V 50Hz 105W	355 m3/hr	0.6 m/sec	0.50 m/sec	58

* 110 Volts 50 or 60Hz available if required

This unit is designed for studio / workshop cleanliness and for immediate operator protection from concentrations of airborne contaminants. It is not recommended for continual commercial usage, i.e. production applications. See GraphicAir cabinets A200H-D and A100H-D for higher specification containment and extraction, or 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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