



Application

This compact, low noise, portable unit is suitable for use with a single operator. It is a high volume system which is designed to extract the generated fume via a supplied extraction arm and capture it in the comprehensive filter system, subsequently returning the associated clean air back into the workplace.

The unit incorporates filter condition indication.

Please note that the media in the gas filter fitted in these units is capable of adsorbing a wide range of organic compounds. However, it is the responsibility of the user to ensure it is suitable for the particular application it is being used on.

T380A-C - Arm extraction filtration system



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.



TechFlo Air Filtration Units

Model No: T380A-C

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

Light weight unit weighing only 7kgs. It comprises filter condition light, low noise level - below 53dBA. Air exhaust at base of unit has integral silencer. Standard filter set of pre filter and granulated carbon gas filter – 50mm diameter inlet – Thermal trip – Filter change light.

Specification:

Constructed in powder coated Zintac the unit comprises Radial IP54 Synchronous (brushless) motor blower giving 40000 hours life. Pressure of 25m/bar and 0.058k output, giving an airflow of 90m³/hr. Electrics: 230v 1ph 50hz or 110v 1ph 60hz with a 2mtr power lead. Fused IEC illuminated switch. Full load current: 0.18 amps.

Operation:

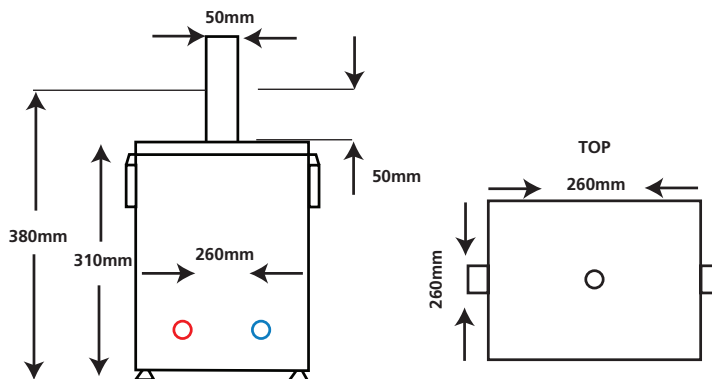
The T380A-C carries a 12 months return to base warranty, is quiet in operation and can be assembled in minutes. Space saving , free standing system can be sited at the side of or under a table and can easily be attached to a desk or table. Once power is connected the unit is simply switched on via the illuminated rocker switch. Once the machine is switched off there will be a delay of 20 seconds before the actual motor stops. This is to allow the filtration of any residual odour that may be given off after the process has been finished.

Filtration

These units are designed for operator protection whereby gases, fumes, vapours and particulate contaminants are filtered. Cleaned air is exhausted at the bottom of the cabinet.

The T380A-C is fitted with a fine dust particle filter and high volume carbon filter to capture vapour and gases

Dimensions:



Specification

Model Number	Fan Motor* Spec	Air Volume At Free Air	Power Output	Noise Level LAeq dB(A)
T380A-C	230V 50Hz	90m ³ /hr	60 Watts	53

* 110 Volts 50 or 60Hz available if required

These units are designed for immediate operator protection from concentrations of airborne contaminants whereby all gases, fumes, vapours and particulates on top of the unit are drawn into the intake filter. Cleaned air is exhausted to the base of the bench. Higher grade filters are available on request.

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

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