



High Volume Fume Filtration Arm Extraction Units

Entry level arm extraction systems, capture, contain and filter for a cleaner, healthier working environment within electronic design, rework, design and technology areas.

Designed for use primarily during hand soldering to contain and filter the fumes which are generated.

These portable, plug and play systems can be positioned under a bench with a simple installation kit to connect to the most suitable extraction attachments to enable operators to set up quickly and easily. No major installation costs required making them easy to move with the workbench if factory layouts change.

Low noise level and fully integrated filtration with long life filters are ideal for changing production demands.

TF-V300 and TF-V350 Arm Filtration Units



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 Arm Extraction Unit

Model No's TF-V300 and TF-V350

Description

Steel construction fan/filter unit finished in black – Floor mounted fan/filter unit – radial blower fan motor – variable speed control available - Filter Blocked indicator. 2x3mtrs 75mm flexiduct.

Operation

Quiet in operation and assembled in seconds. Floor standing fan/filter box is fitted to desk/bench by way of flexible installation pipe and table bracket. The TF-V300E can accommodate up to 2 Stay put arms, cowls or down draught trays fitted on top of desk/bench and manoeuvred into required extraction position. The TF-V-350E can generate even higher airflow rates to accommodate up to 7 x32mm stay put arms or 5 x 50mm arms, cowls or down draught trays or 4 x 75mm arms, cowls or down draught trays.

12 month return to base warranty.

Ideal for high volume, at source, soldering applications where tip extraction is not required.

Filtration

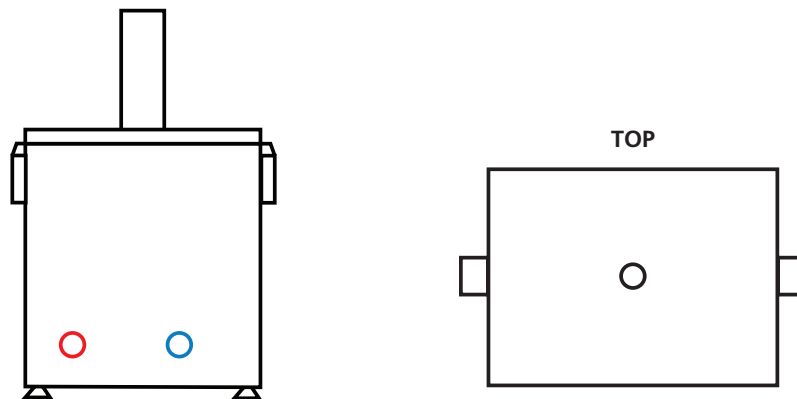
The particulate (intake) filter is a 95% HEPA filter to 0.3 micron (99.9997% filters are available).

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

Dimensions

TF-V300E – 450hx300x300

TF-V350E – 446hx376x376mm



Specification

| Model Number | Fan Motor* Spec | Air Volume with filters fitted | Weight | Noise Level dB(A) |
|--------------|-----------------|--------------------------------|--------|-------------------|
| TF-V300 | 230V 50Hz | 320m ³ /hr | 15 kgs | 52 |
| TF-V350 | 230V 50Hz | 540m ³ /hr | 23 kgs | 60 |

* 110v available on request

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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