

Special Alkalined Filter to purify toxic chemical fumes



Main Fume Extraction Control Unit

Adjustable length Gooseneck high temperature Fume Air Purifier Hose supplied with 1.5 meter length. Customized more length of same available as per required positioning.



Metallic Round 250 mm dia Fume Air Purifier Hood has mechanical Air Flow Controller

Digital Display Indicator

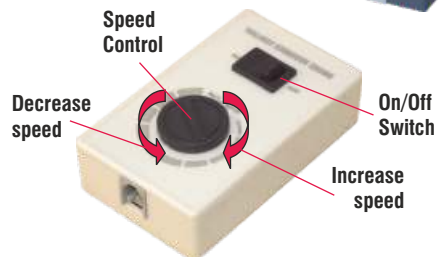


Airflow Setting Switches

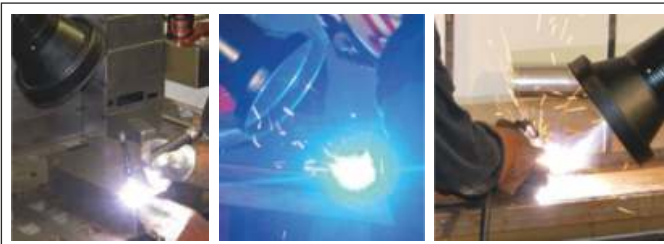
Speed Control Regulator Connector



System Choke Alarm:
When display shows circular movement clockwise plus OFF and system beeps, it means any of Filters needs replacement.



Speed Control Regulator



Various Chemical Fumes Air Purification possibilities



Air Flow Controlling Knob to control the Air Flow

Specifications

- Input Power Supply : 230V/50Hz, 250W
- No of Workplaces : 1
- Stationary Pressure : 3000 Pa
- Maximum Airflow Rate : 250m³/h
- Filtering Efficiency (0.3um) : 99.97%
- Noise Level : <65dB
- Dimension (LxWxH) (approx) : 470 x 230 x 350mm

Scope of Supply

- 1xMain Fume Extraction Air Purifier unit
- 1xExtraction Arm (75mm dia, 1.5 meter long)
- 1xRound Metallic Hood (250mm dia)
- 1xSpeed Control Regulator
- 5xSpare Pre-Filters

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Warranty is 12 months from the date of invoice. It excludes all consumable parts as Filters, Extraction Arms and Hoods. While the information contained herein in, has been carefully compiled to the best of our knowledge, nothing is intended as representation and warranty on our part; and no statement shall be construed as recommendation to infringe any of existing patents. We accept no liability of whatsoever for any faults and errors in the information contained herein. Contents of this catalogue and specifications of the products, are subject to change without notice due to continuous improvements.

powerful maintenance-free Brushless Turbine • supplied with all accessories

Features

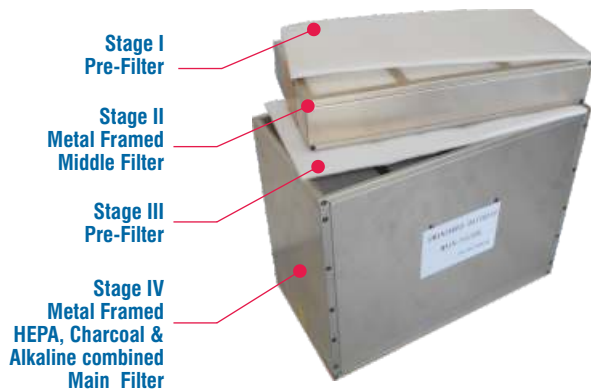
- Hassle-free easy-to-start operation with all inclusive kit supplied
- Easy-to-manoeuvre positioning of Fume Extraction Arm
- Reliable & virtually maintenance-free Brushless DC Turbine
- Has low noise (< 65 dBA) in continuous running operation
- Special Main Filter with its last stage of Alkaline type, makes sure to remove obnoxious chemical fumes Air Purification
- Low running cost as normally low cost Pre-Filter mainly need replacement periodically as and when there is choking of fumes extraction.
- Middle Filter and Main Filter are in Metal Frames
- Ready availability of all spare parts from stock



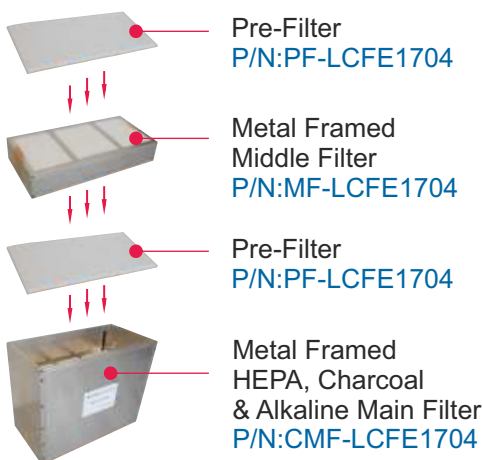
Length of the Air Purifier Extraction Arm is easily adjustable, as this is made from press-fit type small sections which are easily adjustable in length by selection of these sections as per required length.

This is hi-end volume extraction air purifier and ready-to-use Chemical Fume & Laser Dust Extraction Air Purifier. It is designed for continuous working reliably on main production line. It has very powerful and maintenance-free Brushless Turbine and Electronic Speed Control Unit. Its metal framed special Middle Filter and Main Filter provide purified working environment. The electronic Speed Controller regulates air-flow volume.

Ready-to-use Chemical Fumes and Laser Dust Air Purifier Model LCFE1704 is fitted with **4-stage Filters**: Pre-Filter, Metal Framed Middle Filter, another Pre-Filter, Metal Framed special Main Filter with last alkaline stage. Combination of all these Filters purifies chemically polluted air by absorbing these obnoxious fumes. This Air Purifier is designed for use both in industrial and in laboratory environment. All it needs is merely mains input Power Supply.



Details of 4-Stage Filters used in this Chemical Fumes & Laser Dust Extraction Air Purifier



- **Stage I Pre-Filter:** The Pre-Filter filters the bigger size particles for prolonging the life of both Middle and Main Filters.
- **Stage II Metal Framed Middle Filter:** It filters coarse size fume particles to prolong life of expensive Metal Framed Main Filter.
- **Stage III Pre-Filter:** This Pre-Filter prolongs life of expensive Metal Framed Main Filter so as to minimize its replacement.
- **Stage IV Metal Framed Main Filter:** This Metal Framed Filter, besides absorbing very fine particles thru its HEPA Filter, also absorbs obnoxious chemical fumes because of its Charcoal & Alkalined based other stages.

1. Normally low cost Pre-Filters need periodic replacement when there is less suction of fumes.
2. None of these Filters should be washed nor should be cleaned with compressed air at all.

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