3-Stage Filters for 99.97% fumes Air purification has silent operation with low noise < 60 dBA Reliable and powerful brushless Turbine Ready-to-use type

Scope of Supply
- 1xMain Fumes Air Purifier Extraction unit
- 2xESD Safe Extraction Arms (50 mm dia, 1.2 meter long)
- 2xESD Safe Round Fume Absorbing Hoods
- 1xSpeed Control Regulator
- 2xSpare Pre-Filter
- Instruction Manual

Specifications
- Input Power Supply: 230V/50Hz, 250W
- No. of Workplaces: 2
- Stationary Pressure: 3000 Pa
- Maximum Airflow Rate: 240m³/h
- Filtering Efficiency (0.3um): 99.97% (0.3um)
- Noise Level: <60dB
- Dimension (LxWxH) (approx): 470 x 230 x 500mm
- Weight (approx.): 15.5 Kg

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

Fumes Air Purification during hand soldering on PCB & Solder Pot tinning

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Couple of 100's (in repeat orders) working reliably all over India for the last many years

**Features**
- Included accessories ensure hassle-free and immediate easy-to-start operation for 2-operators.
- **ESD Safe** both Air Purifier Extraction Arms are easy-to-manoeuvre positioning as is required
- Powerful and virtually maintenance-free Brushless DC Turbine generates higher suction pressure
- Though it uses high reliable & powerful brushless turbine yet has low noise (< 60 dBA) in operation
- Normally low cost Pre-Filter only needs periodic replacement, this ensures low maintenance cost
- As per our after-sales-service policy of 42 years record, all spare part are immediately available

FumePRO201-50ESD is a reliable and really effective volume extraction purifier for 2-operators ready-to-use Fume Air Purifier Extraction Unit. It is designed for continuous and reliable working on production line. Its powerful and maintenance-free brushless turbine combined with electronic speed control, provides clean working environment at low maintenance cost. The electronic Speed Controller regulates air-flow volume continuously.

2-operators ready-to-use Fumes Air Purifier Extraction System Model FumePRO201-50ESD is fitted with **3-stage Filters**: Pre-Filter, Middle Filter and HEPA/Charcoal Filter. Combination of these Filters purifies polluted air by separating 99.9% contaminated fumes. This System is designed for use both in industrial and laboratory environment. All it needs is mains input Power Supply only.

### Details of 3-Stage Filters used in this Fume Extraction Air Purifier System

- **Stage I** Pre-Filter: The Pre-Filter filters bigger size particles for prolonging the life of both Middle and Main Filters.
- **Stage II** Middle Filter: It filters coarse size fume particles to prolong life of expensive HEPA/Charcoal Filter
- **Stage III** Main HEPA/Charcoal Filter: This Filter is a combination of HEPA (filters fine size fume particles) and Activated Charcoal (purifies harmful gas substances) Filters to provide clean purified air finally.

1. Normally Pre-Filter only needs periodic replacement when there is less suction of fumes.
2. These 3 Filters should never be washed nor should be cleaned with compressed air at all.