



Unveiling the BOFA V250 The Ultimate Fume Extraction System for Electronics

Our Product Introduction

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Basic Information

- Place of Origin: UK
- Brand Name: BOFA
- Model Number: BOFA V250
- Minimum Order Quantity: 1
- Price: USD+negotiable+set
- Packaging Details: 520*360*360mm
- Delivery Time: 1-7 days
- Payment Terms: T/T
- Supply Ability: 1+set+per days



Product Specification

- Filtration Efficiency: 99.997% Effective HEPA Filter
- Airflow Rate: 106 CFM
- Noise Level: Below 54 DBA
- Weight: Approximately 22 Lbs (10 Kg)
- Dimensions: Height 420 Mm (16.7 Inches), Depth 260 Mm (10.2 Inches), Width 260 Mm (10.2 Inches)
- Lead Time: 1-7 Days
- Highlight: **Fume Extraction System, Electronics Fume Extraction System**



More Images



Product Description

Introduction

In the fast-paced world of electronics manufacturing, ensuring a safe and healthy working environment is paramount. One of the most effective solutions for achieving this is the BOFA Americas V250 Fume Extraction System with Extraction Arm Kit. This advanced system is designed to capture and filter harmful fumes generated during processes such as hand soldering, potting, and gluing. In this article, we will explore the features, benefits, applications, and user experience of the BOFA V250, along with visual aids to enhance understanding.

BOFA V250 Fume Extraction System

Overview of the BOFA V250 Fume Extraction System

The BOFA V250 is a dual-arm fume extraction system that stands out for its portability and efficiency. It is specifically engineered to address the challenges posed by hazardous fumes in electronics manufacturing environments. With its robust filtration capabilities, the V250 ensures that operators are protected from potentially harmful airborne contaminants.

Key Specifications

- Filtration Efficiency: 99.997% effective HEPA filter - Airflow Rate: 106 CFM - Noise Level: Below 54 dBA - Weight: Approximately 22 lbs (10 kg) - Dimensions: Height 420 mm (16.7 inches), Depth 260 mm (10.2 inches), Width 260 mm (10.2 inches)

Features of the BOFA V250

The BOFA V250 comes equipped with several features that enhance its usability and effectiveness:

- Dual Extraction Arms: Designed for simultaneous use by two operators, allowing for flexibility in workspaces. - Integrated Speed Control: Users can adjust airflow to suit specific applications. - Modular Filter System: Includes a pre-filter for larger particles and a combined HEPA/gas filter for smaller particulates. - Portable Design: The unit can be easily relocated, making it ideal for dynamic factory layouts.

Dual Extraction Arms

Applications of the BOFA V250

The versatility of the BOFA V250 makes it suitable for various applications in electronics manufacturing:

- Hand Soldering: Captures fumes generated during soldering tasks, protecting operators from inhalation risks. - PCB Rework Stations: Effective in environments where circuit boards are repaired or modified. - Gluing and Potting: Removes harmful vapors released during adhesive applications. - Brazing and Welding: Assists in maintaining air quality by extracting fumes generated in these processes.

Benefits of Using the BOFA V250

Implementing the BOFA V250 in your workspace offers numerous advantages:

1. Health and Safety Compliance: Meets HSE and COSHH regulations for controlling airborne contaminants. 2. Improved Air Quality: Reduces exposure to harmful fumes, contributing to a healthier work environment. 3. Enhanced Productivity: Operators can work more efficiently without the distraction of unpleasant odors or health risks. 4. Cost-effective Solution: The modular design allows for easy maintenance and replacement of filters, reducing long-term operational costs.

Installation and Maintenance

Installing the BOFA V250 is straightforward, requiring minimal setup time. The unit comes with an installation kit that includes all necessary components for immediate use. Regular maintenance involves checking filter status and replacing them as needed to ensure optimal performance.

Maintenance Tips

- Conduct weekly visual inspections of filters. - Replace pre-filters regularly to prolong HEPA filter life. - Schedule annual inspections by a qualified technician to comply with safety regulations.

User Experience

Users have reported high satisfaction levels with the BOFA V250 due to its performance and reliability. The low noise level allows for comfortable operation in busy environments without causing distractions.

User Working with BOFA V250

Conclusion

The BOFA Americas V250 Fume Extraction System with Extraction Arm Kit is an essential tool for any electronics manufacturing facility aiming to maintain a safe working environment. Its advanced filtration capabilities, user-friendly design, and compliance with health regulations make it a top choice among professionals in the industry.

Frequently Asked Questions (FAQs)

1. What types of filters does the BOFA V250 use? - The system uses a pre-filter for larger particles and a combined HEPA/gas filter that captures 99.997% of particles at 0.3 microns.
2. Is the BOFA V250 portable? - Yes, it is designed to be easily relocated within workspaces as production demands change.
3. How often should filters be replaced? - Filters should be checked regularly; pre-filters may need replacement every few weeks, while HEPA filters typically last several months depending on usage.
4. Can the BOFA V250 be used in cleanroom environments? - Yes, it features a sealed AC motor suitable for cleanroom applications.
5. What is the noise level of the BOFA V250 during operation? - The noise level is below 54 dBA at typical operating speeds, making it suitable for quiet work environments.

BOFA V250: The Ultimate Fume Extraction System for Electronics Manufacturing | GSSMT, Fume Extraction Systems, Solder Fume Extractor, HEPA Filtration Systems, Electronics Manufacturing Safety, Portable Fume Extractors, Dual Arm Fume Extraction, Industrial Air Filtration, Soldering Fume Control, Workplace Air Quality Solutions, Fume Extraction Equipment



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