



Products & Applications: Fume Extraction

BVX-200 Series Fume Extraction Systems

Two Station Design for Dynamic Fume Extraction

The BVX-200 Series Fume Extraction Systems are revolutionary two-arm units that combine powerful fan performance with efficient filtration, quiet operation and complete portability. They can be placed under or next to the bench-top and fitted with either two 50mm (2") diameter BVX arms or one 63mm (2.5") diameter Omniflex arm.

Using the proven fan motor of the BVX-100 Series Fume Extraction Systems, the BVX-200 Series Fume Extractions Systems add a proprietary one-stage impeller design that doubles the total free-blowing airflow.

The result is a maximum free-blowing airflow of 250m³/h (150cfm), with a maximum suction force of 850 Pa (3.5"WC). This suction force provides ample capability in reserve to handle any clogging that may occur during the normal life of the filter. It is, in fact, the suction rating for this unit is one of the best in its class offered for such compact and portable systems.

The BVX-201 Fume Extraction System is designed mainly for solder fumes and incorporates both pre- and main-filters which can be changed independently to maximize the working life of each filter and lower the total cost of ownership. The main filter has a HEPA efficiency of 99.97% at 0.3 micron, plus an activated carbon filter to remove additional gases. For applications that require a high capacity of gas filtration, such as cleaning with solvents or conformal coatings, the BVX-203 Fume Extraction System features a deep-bed gas filter.

BVX-200 Series Part Numbers



Technical Specifications

Static Pressure (suction force): 850 Pa (3.5" WC)
Fan Capacity: 250m³/h (150 cfm)
Flow Rate (with filter): 2 x 75m³/h (450 cfm)
Air Inlets/Number of Stations: 2
HEPA Efficiency: 99.97% at 0.3 micron
Noise Level: < 55 db A
Dimensions (W x D x H): 508mm x 254mm x 388mm
(20" x 15" x 15.3")
Weight: 9kg (20 lbs)
Voltage : 100-240 VAC
Frequency : 50-60 Hz
Power : 85 watt
Certification : UL, CSA, CE

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SYSTEMS

ITEM	PART NO.
BVX-201-KIT	Filter unit with 2 flexible arms, 1.2m long, Pre-HEPA-Gas
BVX-201	Filter unit for 2 stations, Pre-HEPA-Gas
BVX-203	Filter unit for 2 stations, Pre-Deep Bed Gas

FILTERS

ITEM	PART NO.
FP-BVX200	Pre Filter (Pack of 5)
FM-BVX200	Main Filter HEPA Carbon
FG-BVX200	Deep Bed Gas Filter

ACCESSORIES

ITEM	PART NO.
BVX-ARM-K1	1 BVX arm 710mm (28") long with 1.8m (6') long hose and table bracket with C-clamps
BVX-ARM	Arm flexible ESD safe, 710mm (28") long
BVX-ARML	Arm flexible ESD safe, 1.2m (48") long
BVX-TB01	Table bracket with 2 C-clamps
BVX-CH01	Connection hose, 50mm (2") diameter, 1.8m (6') long
BVX-CH02	Connection hose, 50mm (2") diameter, 3.6m (12') long



BVX-201-KIT



BVX-201 With 2 x
BVX-ARM-K1



BVX-ARM-K1

