



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. 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-100 Series

BVX-101

Bench-Top, single user arm/plenum system,
Pre-HEPA-Gas, 100-240 VAC

BVX-103

Bench-Top, single user arm/plenum system,
Pre-Gas, 100-240 VAC

BVX-101-S

Bench-Top, single user plenum system without arm,
Pre-HEPA-Gas, 100-240 VAC

BVX-103-S

Bench-Top, single user plenum system without arm,
Pre-Gas, 100-240 VAC

FILTERS

FG-BVX

Deep Bed Gas Filter

FM-BVX

Main Filter (Combined HEPA/Gas)

FP-BVX

Pre-Filter (Pack of 5)

ACCESSORIES

BVX-ADT

Replacement Arm-To-Plenum Adaptor

BVX-IADT

Inverted Arm Adaptor, ESD Safe

BVX-BCK

Under Bench Mounting Bracket



BVX-200 Series

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

FP-BVX200

Pre Filter (Pack of 5)

FM-BVX200

Main Filter HEPA Carbon

FG-BVX200

Deep Bed Gas Filter

ACCESSORIES

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



Technical Specifications

	BVX-100 Series	BVX-200 Series
Static Pressure (suction force)	1250 Pa (5"WC)	850 Pa (3.5"WC)
Fan Capacity	110m ³ /h (65 cfm)	250m ³ /h (150 cfm)
Flow Rate (with filter)	85m ³ /h (50 cfm)	2 x 75m ³ /h (45 cfm)
Air Inlets/Number of Stations	1	2
HEPA Efficiency	99.97% at 0.3 micron	99.97% at 0.3 micron
Noise Level	< 55 db A	< 55 db A
Dimensions	(W x D x H) 300mmx230mmx290mm (11.8" x 9.1" x 11.4")	508mmx 254mmx388mm (20" x 10" x 15.3")
Weight	9kg (20 lbs)	9kg (20 lbs)
Voltage	100-240 VAC	100-240 VAC
Frequency	50-60 Hz	50-60 Hz
Power	85 watt	85 watt
Certification	UL, CSA, CE	UL, CSA, CE