



Products & Applications: Fume Extraction

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BVX-100 Series Fume Extraction Systems

Powerful, Portable Fume Extraction

OK International's BVX-100 Series Fume Extraction Systems are powerful, but low noise units that need no external ducting or compressor. Simply move these lightweight systems from station to station, plug them in and switch them on for instant fume extraction. Just 279mm (11") tall, with a 305mm x 229mm (12" x 9") plenum chamber, the units easily fit on any bench-top or, when space is at a premium, take advantage of the under-bench mounting bracket.

Rated at 85-Watts, the systems deliver high quality filtration without compromise. A powerful 85 m³/hr airflow rate provides immediate extraction of fumes, particles and vapors from operator breathing areas. When a larger capture range is needed, an innovative adaptor quickly transforms the plenum into an arm extraction system.

Two filtration configurations are available for heavy soldering and light dust applications, or light duty organic solvent and adhesive applications. A bi-colored LED light indicates when the filters are blocked and require replacing.

BVX-100 Series Part Numbers

SYSTEMS

ITEM

PART NO.



Technical Specifications

Static Pressure (suction force): 1250 Pa (5" WC)
Fan Capacity: 110 m³/h (65 cfm)
Flow Rate (with filter): 85 m³/h (50 cfm)
Air Inlets/Number of Stations: 1
HEPA Efficiency: 99.97% at 0.3 micron
Noise Level: < 55 db A
Dimensions (W x D x H): 300mm x 230mm x 290mm
(11.8" x 9.1" x 11.4")
Weight: 9kg (20 lbs)
Voltage : 100-240 VAC
Frequency : 50-60 Hz
Power : 85 watt
Certification : UL, CSA, CE

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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

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

ACCESSORIES

ITEM	PART NO.
BVX-ADT	Replacement Arm-To-Plenum Adaptor
BVX-IADT	Inverted Arm Adaptor, ESD Safe
BVX-BCK	Under Bench Mounting Bracket



BVX-101 in Action



BVX-101 Open with Filters