

BVX-200 Portable Fume Extraction System

Data Sheet



BVX-200 Two-Station Portable Filter Unit

- Two station arm design for dynamic fume extraction
- Quiet brushless motor
- Complete portability, placed under or next to the bench-top
- Fitted with 2x 50mm (2") \varnothing arms or 1x 63mm (2.5") \varnothing arm
- Main filter has a HEPA efficiency of 99.97% at 0.3 micron, and an activated carbon filter to remove additional gases
- Deep-bed gas filter for high capacity of gas filtration, such as cleaning with solvents or conformal coatings
- Audible alarm informs operators when filters need replacing
- Easy access bench-top on/off remote switch



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| TECHNICAL SPECIFICATIONS | |
|---------------------------------|----------------------------------------------|
| Static Pressure (suction force) | 850 Pa (3.5"WC) |
| Fan Capacity | 250m ³ /h (150 cfm) |
| Flow Rate (with filter) | 2 x 75m ³ /h (45 cfm) |
| Air Inlets/Number of Stations | 2 |
| HEPA Efficiency | 99.97% at 0,3 microns |
| Noise Level | < 55 db A |
| Dimensions (W x D x H) | 508 mm x 254 mm x 388 mm (20" x 10" x 15.3") |
| Weight | 9kg (20lbs) |
| Voltage | 100-240 VAC |
| Frequency | 50-60 Hz |
| Power | 85 watt |
| Certification | UL, CSA, CE |
| | 3.6 m (12') Max duct run |

| PART NUMBER | DESCRIPTION |
|---------------------------|--------------------------------------------------------------------------|
| BVX-201 | Filter unit for 2 stations, Pre-HEPA-Gas |
| BVX-203 | Filter unit for 2 stations, Pre-Deep Bed Gas |
| BVX-201-KIT | Filter unit with 2 BVX-ARML, Pre-HEPA-Gas |
| BVX-201-KIT1 | Filter unit with 2 BVX-ARM-K1, Pre-HEPA-Gas |
| FILTERS | |
| FP-BVX200 | Pre-Filter (Pack of 5) |
| FM-BVX200 | Main Filter HEPA Carbon |
| FG-BVX200 | Deep Bed Gas Filter |
| ACCESSORIES & SPACE PARTS | |
| BVX-ARM-K1 | BVX-ARM 760mm (30") with 1.8m (6') long hose & table bracket w/ C-clamps |
| BVX-ARM-K2 | BVX-ARM 760mm (30") & table bracket w/ C-clamps |
| BVX-ARM | Arm flexible ESD safe, 760mm (30") |
| BVX-ARML | Arm flexible ESD safe, 1.5m (59") with arm clip |
| BVX-TB01 | Table bracket with 2 C-clamps |
| BVX-CH01 | Connection hose, 50mm (2") diameter, 1.8m (6') |
| BVX-CH02 | Connection hose, 50mm (2") diameter, 3.6m (12') |
| RPS-1 | Remote power switch (for use with BVX-200 only) |
| BVX-NOZ1 | Nozzle, EDS Safe, 40 mm diameter |
| BVX-200-BLM | Motor, 24VDC Brushless |
| AC-PC1 | Replacement power cord, 6 feet (1.8 meters), 115 V |
| TB101-W | Wall Mounting Kit, 2" x 2.5" Arm, White w/ C-Clamps |
| 7100-0910 | Replacement cap |
| Q-7100-9002 | BVX200 PCBA, Soft Start replacement |

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