BVX-250 Fume Extraction System
Data Sheet



BVX-250

Two-station Fume Extraction System

The Metcal BVX-250 Fume Extraction System is a portable, two-station filtration system for the removal of workplace fumes, smoke, dust, and vapors.

- Color LED status ring
- Change filters without removing the hoses
- Removable 360º rotating air diverter - adjust the exhaust for operator comfort
- Communicates with Metcal CV and GT soldering systems for filter change notifications
- Light-weight, portable, and quiet design
- HEPA 13 Efficiency at 99.97%
- Optional Deep-Bed Gas Filter
- Connects to 50mm (2") or 63mm (2.5") hoses or exhaust arms
  Three airflow options (High, Medium, & Low)
- Powerful airflow and suction capacity
- On/Off switch with "Soft-Start" feature
- ESD-safe housing
- Low-profile, compact unit fits under most work benches
- UL & CSA, UKCA, KC, PSE, NOM, CE (ISO-14644), ROHS/REACH

PRE FILTER



MAIN FILTER



Change filters without removing the hoses from the unit

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Specifications

Max. airflow, free blowing	297 m3/h (175 cfm)
Flow rate	2 x 75 m3/h (45 cfm)
Static pressure	1743 Pa (7" WC)
Noise level (approx.)	50 dBA (at medium setting)
Voltage	100 – 240 VAC, 1 phase
Frequency	50/60 Hz
Power	150 Watts
Safety compliance	UL, CSA, CE. TUV
Dimensions W/D/H mm	268 x 400 x 320
Dimensions W/D/H in	10.5" x 16" x 13"
Weight (approx.)	12 lbs. / 5.5 kg

Part Numbers

Systems

BVX-250		Unit, HEPA 13/Gas Filter, (1) RPS-1 Remote Power Switch only (arms sold separately)
BVX-250-KIT		Unit, HEPA 13/Gas Filter, (1) RPS-1 Remote Power Switch, (1) BVX-250-ARML 5' Arm, (1) BVX-NOZR Rectangular Nozzle, (1) BVX-NOZC Circular Nozzle, (2) FN-BVX Nozzle Filters

Replacement Filters

FP-BVX250	4	Pre-Filter (Pack of 5)
FM-BVX250	5	Main Filter, HEPA 13/Carbon. 99.97%
FG-BVX250		Deep Bed Gas Filter (Carbon)
FN-BVX	3	Replacement Nozzle Filter for BVX-NOZR and BVX-NOZC Nozzles (Pack of 5)

Nozzles

BVX-NOZR	2	Replacement Rectangular Nozzle for BVX Systems, ESD-Safe
BVX-NOZC	1	Replacement Round- Circular Nozzle for BVX Systems, ESD-Safe
BVX-NOZ1		Replacement Hoof Nozzle for BVX Systems, ESD-Safe

Optional Arm Kits & Accessories

BVX-ARM-K1		2.5' Flexible Arm, 6' Hose, Table Bracket & C-Clamps, ESD-Safe
BVX-ARM		2.5' Flexible Arm, 2" Ø, ESD-Safe
BVX-ARML		5' Flexible Arm, 2" Ø, ESD-Safe
BVX-CH01		6' BVX Connection Hose, 2" Ø, ESD-Safe
BVX-CH02		12' BVX Connection Hose, 2" Ø, ESD-Safe
AC-BVX250-DUCT		Adaptor for Direct Ducting BVX-250 into Ventilation Systems
AC-BVX250-OMNI		BVX-250 Adaptor for Metcal Omniflex Arms
RPS-1	6	Replacement Remote Power Switch for BVX-200 Series Systems
BVX-TB01		BVX Table Bracket & (2) C-Clamps

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