

BOFA V 4000 SOLDER FUME EXTRACTOR



TECHNICAL SPECIFICATION

Dimensions (LxWxH)	1500 x 1450 x 1475 mm
Cabinet Construction	Powder Coated Mild Steel
Airflow / Pressure	4000 m ³ /h - 30 mbar
Electrical Data	207 V - 253 V Δ - 13.5 A Three Phase - 50 Hz - 4 kW 360 - 440 V Y - 7.8 A Three Phase - 50 Hz - 4 kW
Noise Level	< 65 dB(A) (at typical operating speed)
Weight	460 kg
Approvals	UKCA and CE

DESCRIPTION

The Bofa's V 4000 volume extraction unit has the capacity to be used on all manufacturers of automated soldering systems such as reflow ovens, wave solder machines and conformal coating systems. Large filter capacity and vast carbon filters ensure long filter life and optimum extraction even when lead free solder is used. Adjustable and regulated airflow control ensures consistent temperatures within the solder machine/reflow oven throughout the life of the filters. Easily accessible filters are accommodated by the uniquely gas spring assisted "Gull Winged" doors, which allow for maximum space and ease when changing filters. Unit interfaces such as stop/start and system failure are available options.

DEEPPLEAT PRE FILTER SPECIFICATIONS

Surface Media Area	3 m ² approx.
Filter Media	Borosilicate
Filter Media Construction	Folded Pleat
Filter Housing	Card Case
Filter Efficiency	96 % @ 2 microns

PART CODE/ORDERING TABLE

V 4000 - Powder Coated Mild Steel	E1843A
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OPTIONS

24 V Stop/Start	A2001
Filter change/System failure signal	A2002
VOC Monitoring	A2003

REPLACEMENT FILTERS

V4000 - Pre Filter	A1030183
V4000 - HEPA Filter	A1030184
V4000 - Gas Filter	A1030185

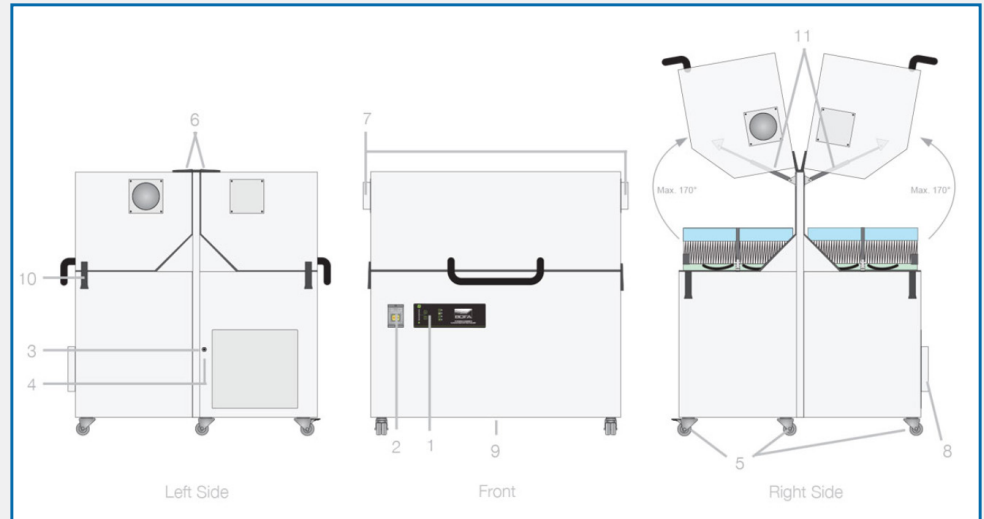
COMBINED FILTER SPECIFICATIONS

HEPA Filter Media	Borosilicate
HEPA Media Construction	Maxi pleat construction with glue bead spacers
HEPA Filter Media Area	49.5 m ² x 2 = 99 m ²
Filter Efficiency	99.997 % @ 0.3 microns
Gas Filter	Treated Activated Carbon - (35 kg x 2)

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BOFA V 4000 SOLDER FUME EXTRACTOR

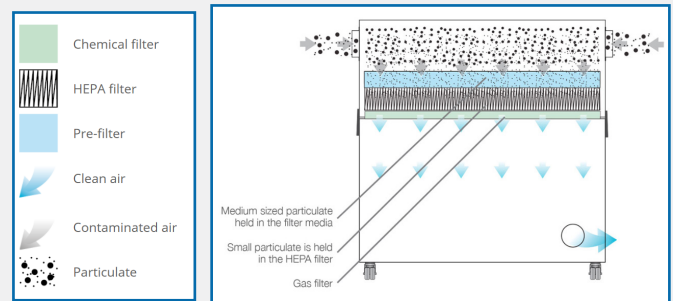
1. Unit/filter condition display - automatic flow control
2. On/off switch
3. Signal / interface cable
4. Power cable
5. Castors
6. Door hinge
7. Hose inlet connection - 150 mm
8. Exhaust outlet - 250 mm
9. Motor cooling inlet
10. Door latch
11. Gas springs



FEATURES

- Blower with high airflow
- Filter condition display
- Unique gas spring assisted "Gull Winged" doors for filter access
- Built in silencing
- Automatic Flow Control system
- Long life filters with low replacement costs
- VOC gas sensor (Optional)
- Remote stop/start interface (Optional)
- Filter change/System failure signal (Optional)

V4000 FILTRATION PROCESS



FILTER MAINTENANCE

Bofa recommends:

- Filters are changed every 12 months, or sooner should the extraction unit begin to warn you.
- Only use official BOFA filters as they are made to the highest standards.
- If you can smell the process is not being collected in the filter, then the carbon could be saturated. If this happens, you must replace the combined filter.
- If the extractor filter light illuminates, first change the pre filter. If it is still illuminated, then change the combined filter. BOFA units with the iQ technology will give you independent filter monitoring to report on the status of both pre filter and combined (main) filter.



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