

## BOFA V 2000 iQ SOLDER FUME EXTRACTION UNIT



### TECHNICAL SPECIFICATION

Dimensions (LxWxH)	1005 x 1360 x 1280 mm
Cabinet Construction	Powder Coated Mild Steel
Airflow / Pressure	2500 m <sup>3</sup> /h - 96 mbar
Electrical Data	415 V - Three Phase 50 Hz - 6.6 kW L1 , L2, L3 16 A - N 28A
Noise Level	<75 dB(A) (at typical operating speed)
Weight	340 kg
Approvals	UKCA and CE

### DESCRIPTION

The Bofa V 2000 iQ is a fume extraction unit designed to extract dust and fumes generated by operators whilst working on electronic components. The unit's great performance ensures airflow and filtration even when particulates start to build up. The V 2000 iQ is user friendly, with a design that makes easy work of filter changes. The easy to read and access controls display panel is conveniently located on top of the unit. The iQ Operating System, is patent-protected and has received global acclaim for its ability to maximise manufacturing performance and continuity of production. The extraction unit's design also permits greater flexibility of different exhaust installations. Different exhaust configurations allow recirculation via the rear panel or externally vented hose connection systems.

### 2 x DEEPPLEAT DUO PRE FILTER SPECIFICATIONS

Surface Media Area	30 m <sup>2</sup> approx.
Filter Media	Borosilicate
Filter Media Construction	Maxi pleat construction with glue bead spacers
Filter Housing	Zintec Mild Steel
Filter Efficiency	95% @ 0.9 microns
Inlet Size	125 mm
Dropout Chamber Size	58 litres x 2 (116 litres)
Filter Media Pleat Size	200 mm x 2 (400 mm)

### PART CODE/ORDERING TABLE

V 2000 iQ - Powder Coated	E1763
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### OPTIONS

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

### REPLACEMENT FILTERS

DeepPleat DUO Pre Filter	A1030403
Combined HEPA/Gas Filter	A1030404

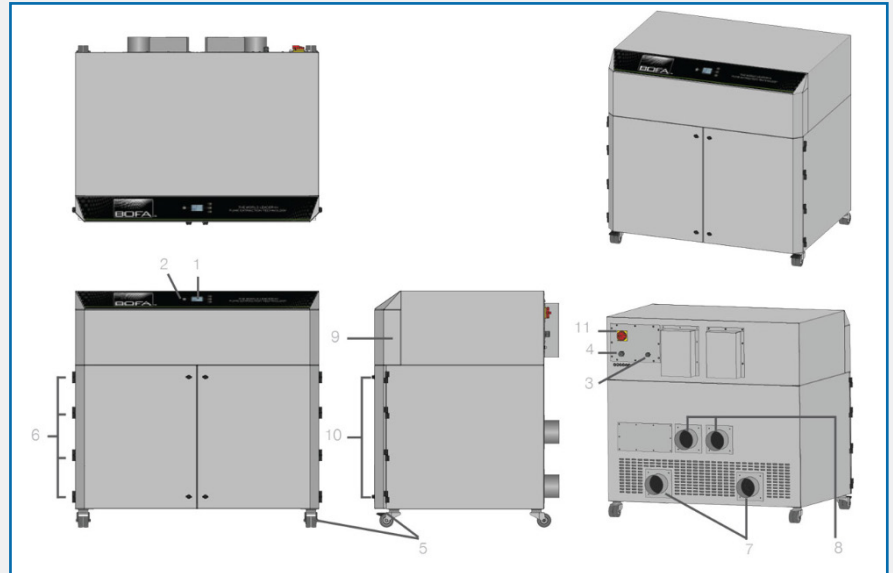
### 2 x COMBINED HEPA/GAS FILTER SPECIFICATIONS

Surface Media Area	7.5 m <sup>2</sup> approx.
HEPA Filter Media	Borosilicate
HEPA Media Construction	Maxi pleat construction with glue bead spacers
Filter Housing	Zintec Mild Steel
Treated Activated Carbon	34 kg (68 kg)
Filter Efficiency	99.997 % @ 0.3 microns

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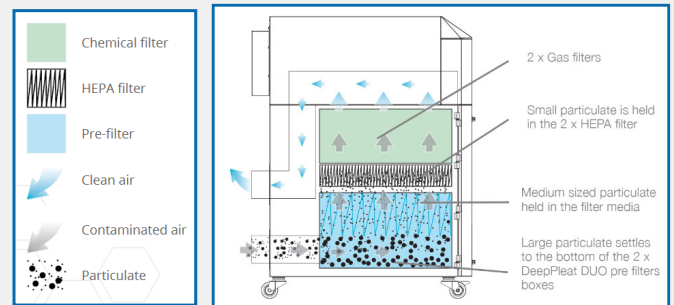
1. iQ Display
2. Standby button
3. Signal / interface cable (optional)
4. Power cable
5. Locking castors
6. Door hinges
7. Hose inlet connections - 125 mm
8. Optional exhaust outlet connections - 125 mm
9. Removable front panel
10. Door latches
11. On / off switch



### FEATURES

- iQ Operating System
- Filter status warnings
- Independent filter condition monitoring
- Run safe operation
- Reverse Flow air technology
- Automatic Flow Control
- Blowers with high airflow and vacuum levels
- Real time airflow readings
- VOC gas sensor (Optional)
- Filter change/System fail signal (Optional)
- Remote stop/start interface (Optional)

### V2000 iQ 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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