

BOFA V 1000 iQ SOLDER FUME EXTRACTION UNIT



DESCRIPTION

The Bofa V 1000 iQ high end extraction system combines extremely large filter capacity with airflow and pressure rates, making it the ideal choice for heavy duty applications that generate large amounts of particulates and gaseous organic compounds. This unit can cater for up to 15 operators as a centralised system or can be used to extract fumes from automated soldering machines.

Performance has now been enhanced with the inclusion of several new features including the iQ Operating System, making this unit one of the most advanced systems available.

This Operating System takes performance and safety parameters to a new level and ensures that maintenance, downtime and ownership costs are kept to a minimum.

More options available on the e-shop - for more information please contact us

0800 032 0905 - sales@aessolutions.co.uk

TECHNICAL SPECIFICATION

Dimensions	790 x 615 x 1205 mm
Cabinet Construction	Brushed Stainless Steel / Powder Coated Mild Steel
Airflow / Pressure	850 m ³ /h - 100 mbar
Electrical Data	230 V - Single Phase 50/60 Hz - 2.2 kW Full load current: 12.8 amps
Noise Level	< 63 dB(A) (at typical operating speed)
Weight	146 kg
Approvals	UKCA and CE

DEEPPLEAT DUO PRE FILTER SPECIFICATIONS

Surface Media Area	30 m ² approx.
Filter Media	Borosilicate
Filter Media Construction	Maxi pleat construction with glue bead spacers
Filter Housing	Zintec Mild Steel
Filter Efficiency	F8 (95 % @ 0.9 microns)
Inlet Size	125 mm
Dropout Chamber Size	58 litres
Filter Media Pleat Size	200 mm

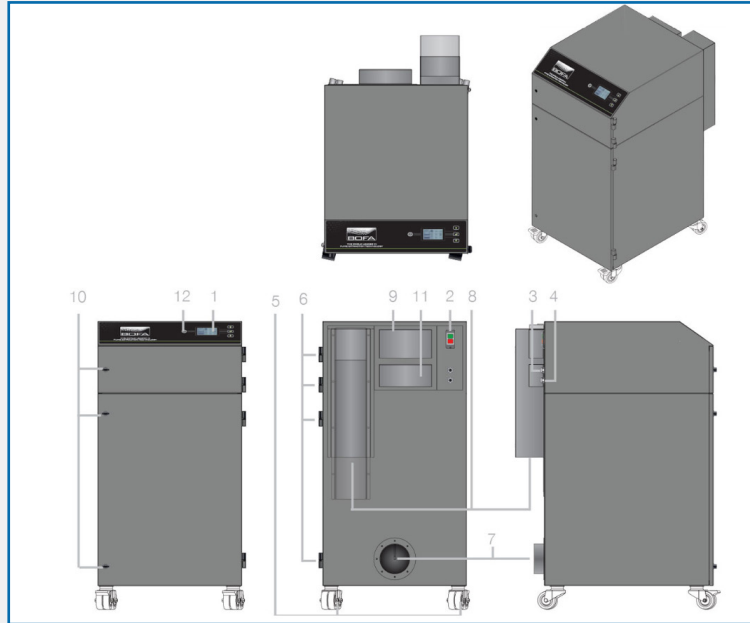
COMBINED HEPA/GAS FILTER SPECIFICATIONS

Surface Media Area	7.5 m ² 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

AES OFFER INSTALLATION AND SERVICE SUPPORT FOR ALL EQUIPMENT

BOFA V 1000 iQ SOLDER FUME EXTRACTION UNIT

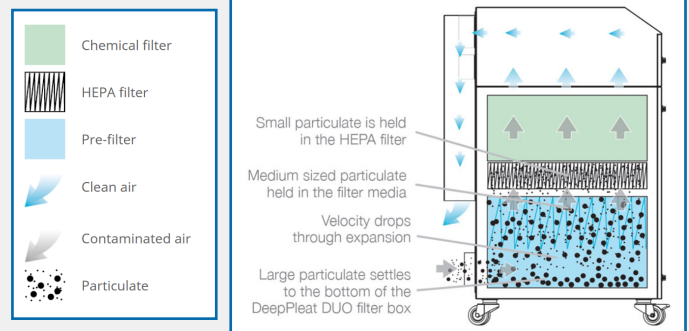
1. iQ Display
2. On / off switch
3. Power cable
4. Signal / interface cable
5. Castors
6. Door hinge
7. Hose inlet connection - 125 mm
8. Exhaust outlet
9. Motor cooling inlet
10. Door latch
11. Motor cooling outlet
12. Standby button



FEATURES

- iQ Operating System
- Reverse Air Flow Filter technology (RFA)
- Automatic flow control system
- Remote diagnostic via USB
- High airflow and pressure rates
- DeepPleat DUO Pre Filter
- Real time airflow reading
- Independent filter condition monitoring, display and warnings
- VOC gas sensor (Optional)
- Filter change/Signal failure system (Optional)
- On-board compressor (Optional)
- Remote Start/stop interface (Optional)
- Interfacing with host machine (Optional)

V1000 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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