

ELECTRONICS Fume Extraction Solutions



Volume

1000 iQ

BOFA's V1000 iQ high end extraction system combines extremely large filter capacity with high airflow and pressure rates, making it the ideal choice for heavy duty applications that generate large amounts of particulate 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 further enhanced with the inclusion of several new features including BOFA's new iQ Operating System, making the new V1000 iQ one of the most advanced system available.

The iQ system takes performance and safety parameters to a new level and ensures that maintenance, downtime and ownership costs are kept to a minimum.

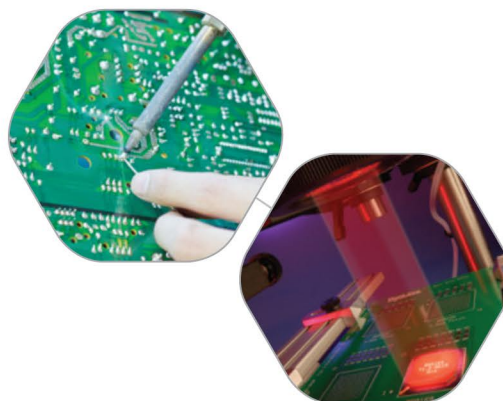
STANDARD FEATURES:

- iQ Operating System
- High airflow and pressure rates
- Reverse Flow Air filter technology
- DeepPleat DUO pre filter
- Automatic flow control system
- Real time airflow reading
- High contrast display
- 'Run safe' operation
- Remote diagnostics via USB
- Independent filter condition monitoring, display and warnings
- Combined HEPA/Gas filter incorporating ACF technology
- Filters with long life and low replacement cost

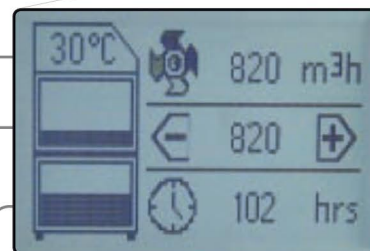
OPTIONAL FEATURES:

- VOC gas sensor (Volatile Organic Compound)
- Remote stop / start interface
- Filter change / System fail signal
- Interfacing with host laser
- On-board compressor
- Larger silencing inlet/out boxes
- Optional filter medias

High volume extraction
for hand and machine
soldering applications.



*For high performance
and long filter life*



Independent filter monitoring

Real time pre
filter condition

Real time main
filter condition

Internal unit
temperature

Run time

Target airflow
set point

Actual airflow in
CFM or M³/hr



Powder Coated

Stainless Steel



DeepPleat DUO pre filter and
combined HEPA/chemical filter

Back

UNITS - PART NUMBERS			OPTIONS				OPTION
Model	Voltage	Part No.	24V Stop / Start	Filter change / System failure signal	VOC Monitoring	On-board Compressor	Larger exhaust silencing boxes
V 1000 iQ Stainless Steel	230V	E1272	A2001	A2002	A2003	A2007	A1060094
	115V	E1271					
V 1000 iQ Powder Coated	230V	E1262					
	115V	E1261					

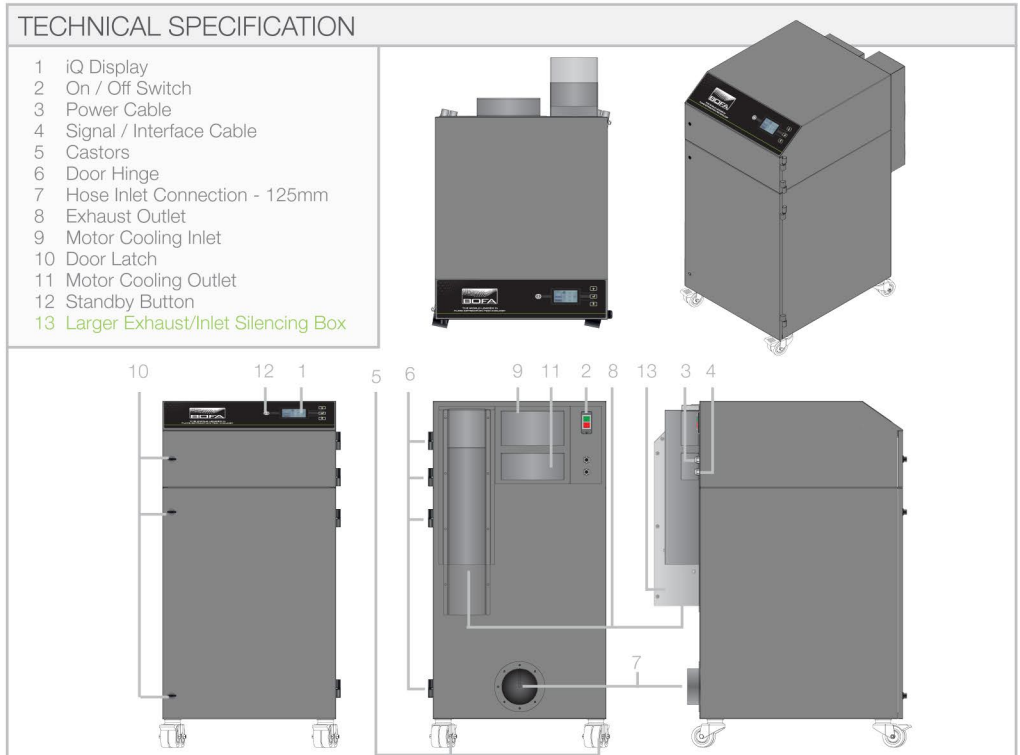
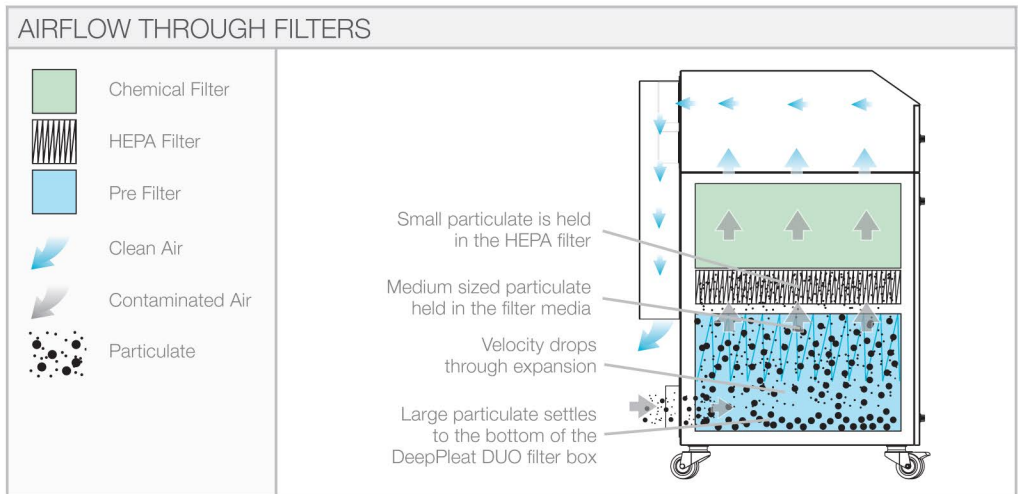
REPLACEMENT FILTERS - PART NUMBERS		
Model	DeepPleat DUO Pre Filter	Combined HEPA/Gas Filter
V 1000 iQ	A1030222	A1030297

TECHNICAL DATA		
	EU	US
Dimensions (HxWxD)	1197 x 600 x 790mm	47.1 x 23.6 x 31.1"
Cabinet Construction	Brushed stainless steel / Powder coated mild steel	
Airflow / Pressure	850m³/hr / 100mbar	500cfm / 100mbar
Electrical Data	230v 1ph 50/60Hz Full load current: 12.8 amps / 2.2kw	115v 60/50Hz Full load current: 19.5 amps / 2.2kw
Noise Level	< 63dBA (at typical operating speed)	
	< 58dBA - with rear silencing boxes fitted (at typical operating speed)	
Weight	140kgs	309lbs
Approvals	CE	

DEEPPLEAT DUO PRE FILTER SPECIFICATIONS	
Surface Media Area	30m² approx
Filter Media	Glass Fibre
Filter Media Construction	Maxi Pleat Construction with Webbing Spacers
Filter Housing	Zintec mild steel
Filter Efficiency	F8 (95% @ 0.9 microns)

COMBINED HEPA/GAS FILTER SPECIFICATIONS	
Surface Media Area	7.5m² approx
HEPA Filter Media	Glass Fibre
HEPA Media Construction	Maxi Pleat Construction with Webbing Spacers
Filter Housing	Zintec Mild Steel
Treated Activated Carbon	34kgs
Filter Efficiency	99.997% @ 0.3 microns

Other hose kits and filters are available. All of the above units are fitted with our standard filter combinations. For specific applications please call us for details. Replacement filters should always be ordered using the part number on the filters inside your extractor to ensure the correct filter is ordered. Datasheet correct at time of print.



V1000iQ:15/11/16V:2.6