



THE WORLD LEADER IN
FUME EXTRACTION TECHNOLOGY

V 2000

Volume

BOFA's V2000 volume extraction units have the capacity to be used on all manufacturers of automated soldering systems such as reflow ovens.

Large filter capacity and vast carbon filters ensure long filter life and optimum extraction even when lead free solder is used.

Adjustable and regulated air flow control ensures consistent temperatures within the solder machine /reflow oven, throughout the life of the filters.

Easily accessible filters are accommodated by the uniquely styled gas spring assisted 'Clam Shell' door, which allows for maximum space and ease when changing filters.

Unit interfaces such as stop/start and system failure are available as options.

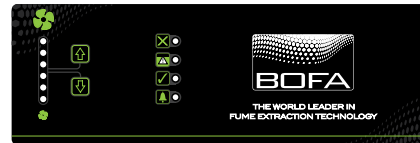
STANDARD FEATURES:

- Blower with high airflow
- Long life filters with low replacement costs
- Filter condition display
- Built in silencing
- Unique gas spring assisted 'Clam Shell' door for filter access
- Automatic flow control system

High airflow fume extraction system for Reflow Ovens, Wave Solder Machines and Conformal Coating Systems.




Featuring optional DeepPleat filter technology



Automatic Flow Control

OPTIONAL FEATURES:

- VOC gas sensor (Volatile Organic Compound)
-  DeepPleat pre filter
- Remote stop / start interface
- Filter change / System fail signal



PART NUMBERS				
Model	Part No.	24V Stop / Start	Filter change / System failure signal	VOC Monitoring
V 2000 Powder Coated	E1743A	A2001	A2002	A2003

REPLACEMENT FILTERS				
Model	Pre Filter	HEPA Filter	Gas Filter	Optional DeepPleat Pre Filter
V 2000	A1030180	A1030182	A1030181	A1030186

TECHNICAL DATA		
	380 - 415V	440 - 480V
Dimensions (HxWxD)	1450 x 1450 x 800mm	57 x 57 x 31.5"
Cabinet Construction	Powder coated mild steel	Powder coated mild steel
Airflow / Pressure	2000m³/hr / 30mBar	1177cfm / 30mBar
Electrical Data	380V - 415V Δ / 3Ph / 50Hz / 4kw / 8.2A 660V - 720V Y / 3Ph / 50Hz / 4kw / 4.8A	440V - 480V Δ / 3Ph / 60Hz / 4.4kw / 7.1A 760V - 830V Y / 3Ph / 60Hz / 4.0kw / 4.2A
Noise Level	< 65dBA*	< 65dBA*
Weight	292kgs	644lbs

* At typical operating speed.

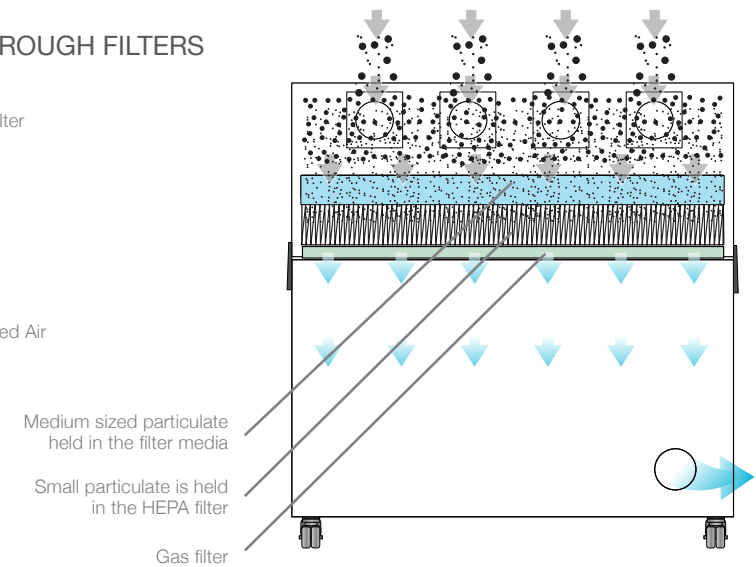
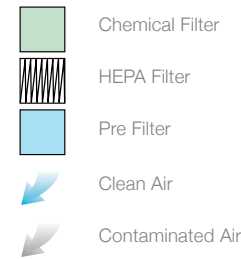
DEEPPLEAT PRE FILTER SPECIFICATIONS	
Surface Media Area	1.5m² approx
Filter Media	Glass Fibre
Filter Media Construction	Folded Pleat
Filter Housing	Card Case
Filter Efficiency	F7 (96% @ 2 microns)

GAS/HEPA FILTER SPECIFICATIONS	
HEPA Filter Media	Glass Fibre
HEPA Media Construction	Maxi Pleat Construction with Webbing Spacers
Filter Efficiency	H13 (99.997% @ 0.3 microns)
Gas Filter	Treated Activated Carbon
Filter Housing	Zintec Mild Steel

FILTER OPTION:

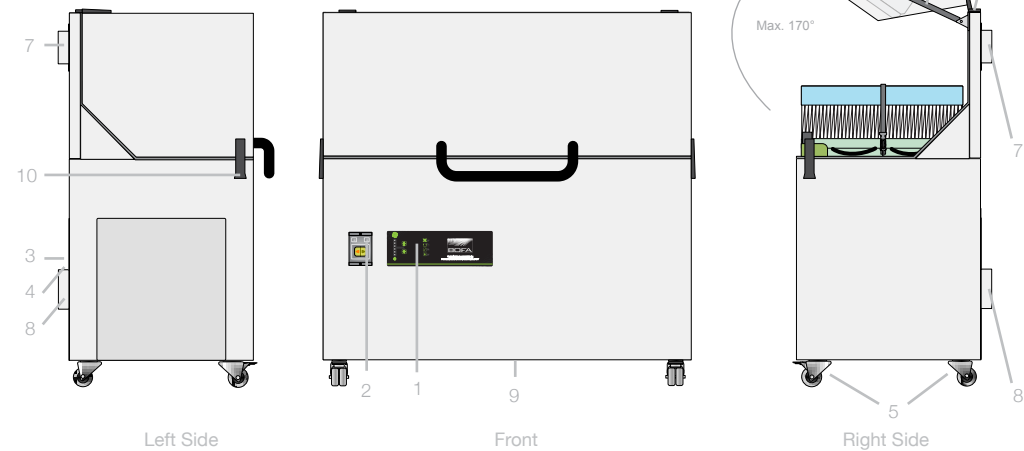
OPTIONAL DEEPPLEAT PRE FILTER SPECIFICATIONS	
Surface Media Area	18m² approx
Filter Media	Glass Fibre
Filter Media Construction	Maxi Pleat Construction with Webbing Spacers
Filter Housing	Zintec mild steel
Filter Efficiency	F8 (95% @ 0.9 microns)

AIRFLOW THROUGH FILTERS



TECHNICAL SPECIFICATION

- | | |
|--|---------------------------------|
| 1 Unit / Filter Condition Display - Automatic Flow Control | 6 Door Hinge |
| 2 On / Off Switch | 7 Hose Inlet Connection - 125mm |
| 3 Signal / Interface Cable | 8 Exhaust Outlet - 200mm |
| 4 Power Cable | 9 Motor Cooling Inlet |
| 5 Castors | 10 Door Latch |
| | 11 Gas Springs |



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.

Date:8/2/12 V:0.1



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