



THE WORLD LEADER IN
FUME EXTRACTION TECHNOLOGY



Volume

4000

BOFA's V4000 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 'Gull Winged' doors, which allow 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 'Gull Winged' doors 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 4000 Powder Coated	E1843A	A2001	A2002	A2003

REPLACEMENT FILTERS				
Model	Pre Filter	HEPA Filter	Gas Filter	Optional DeepPleat Pre Filter
V 4000	A1030183	A1030184	A1030185	A1030187

TECHNICAL DATA		
	400V	380V
Dimensions (HxWxD)	1475 x 1450 x 1500mm	58 x 57 x 59"
Cabinet Construction	Powder coated mild steel	Powder coated mild steel
Airflow / Pressure	4000m ³ /hr / 30mbar	2354cfm / 30mbar
Electrical Data	400V / 3Ph / 50Hz 4kw / 7.8A	380V / 3Ph / 60Hz 4.8kw / 7.8A
Noise Level	< 65dBA*	< 65dBA*
Weight	460kgs	1014lbs

* At typical operating speed.

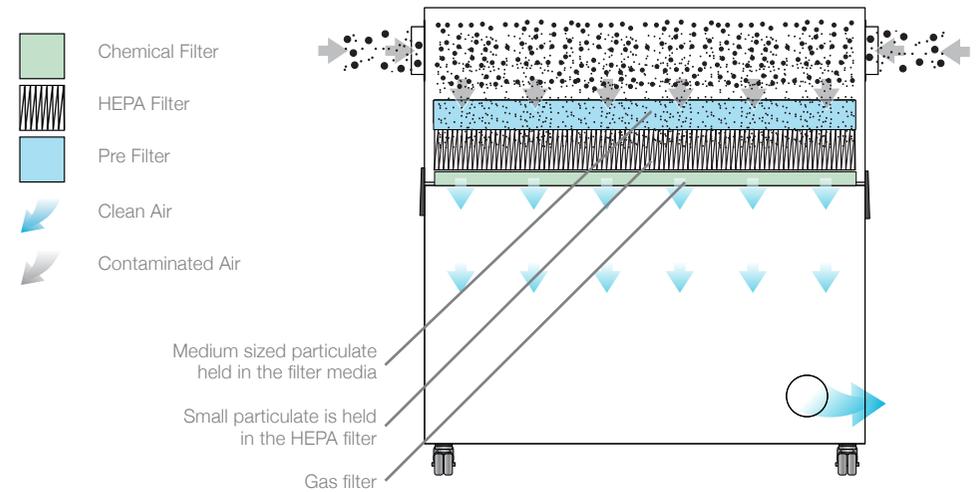
DEEPPLEAT PRE FILTER SPECIFICATIONS	
Surface Media Area	3m ² approx
Filter Media	Glass Fibre
Filter Media Construction	Folded Pleat
Filter Housing	Card Case
Filter Efficiency	F7 (96% @ 2 microns)

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:

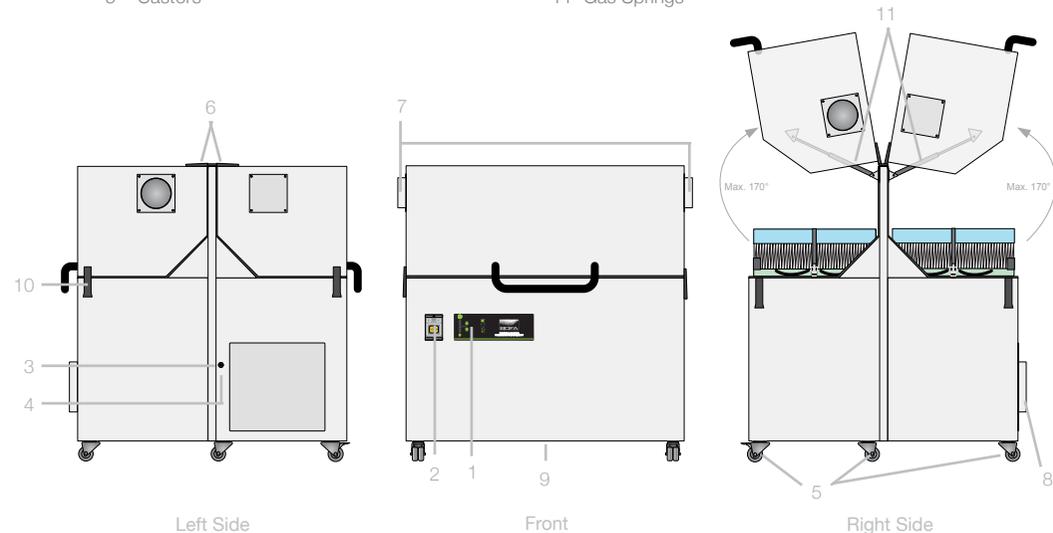
OPTIONAL DEEPPLEAT PRE FILTER SPECIFICATIONS	
Surface Media Area	36m ² approx
Filter Media	Glass Fibre
Filter Media Construction	Maxi Pleat Construction with Webbing Spacers
Filter Housing	Zintec mild steel
Filter Efficiency	F8 (95% @ 0.9 microns)

AIRFLOW THROUGH FILTERS



TECHNICAL SPECIFICATION

- Unit / Filter Condition Display - Automatic Flow Control
- On / Off Switch
- Signal / Interface Cable
- Power Cable
- Castors
- Door Hinge
- Hose Inlet Connection - 150mm
- Exhaust Outlet - 250mm
- Motor Cooling Inlet
- Door Latch
- 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.

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