

MECHANICAL ENGINEERING Dust Extraction Solutions

DP 1000 iQ DustPRO

High performance **dust and fume extraction system** for industrial applications.

BOFA's DustPRO 1000 iQ high end dust 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.

Performance is enhanced with the inclusion of BOFA's acclaimed iQ Operating System taking performance and safety parameters to new levels and ensuring that maintenance, downtime and ownership costs are kept to a minimum.

STANDARD FEATURES:

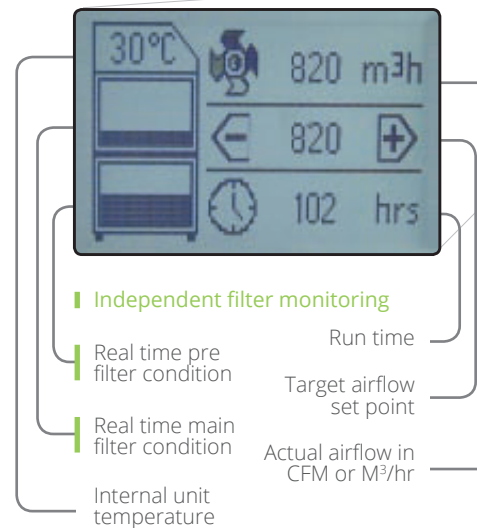
- iQ Operating System
- High airflow and pressure rates
- Reverse Flow Air filter technology
- Automatic flow control system
- Real time airflow reading
- High contrast display
- 'Run safe' operation
- Remote diagnostics via USB
- Independent filter condition monitoring, display and warnings
- HEPA filter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

OPTIONAL FEATURES:

- Remote stop / start interface
- Filter change / System fail signal
- Larger silencing inlet/out boxes

TYPICAL APPLICATIONS:

- PCB Cutting
- Cutting
- Drilling
- Linishing
- Marking
- CNC Engraving
- Routing
- Paper Cleaning
- Paper Processing
- Dental Labs
- Mail Sorting Machines



iQ Take a look at the iQ animation, which explains exactly why the patented BOFA iQ Operating System provides unrivalled control and data management for your fume extraction unit.

PATENTED TECHNOLOGY Patented Technology - Patent No: GB2 499 812

UNIT		OPTIONS			PART NUMBER	OPTION
Model	Voltage	24V Stop / Start	Filter change / System failure signal	Override	Part No.	Larger exhaust silencing boxes
DustPRO 1000 iQ Powder Coated	230V	✓	✓	✓	30811619-1419	A1060094
		✓	✓	✓	4650811619-1419	
	115V	✓	✓	✓	10810619-1419	
		✓	✓	✓	4660810619-1419	

REPLACEMENT FILTERS		
Model	Bag Pre Filter	HEPA Filter
DustPRO 1000 iQ	A1030395	A1030394

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	

BAG PRE FILTER SPECIFICATIONS	
Volume Area	100ltrs approx
Filter Media	Polyester
Filter Media Construction	8 Pocket Bag Filter
Surface Media Area	3.9m² approx
Filter Efficiency	F8 (95% @ 0.9 microns)

HEPA 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
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.

