



A Donaldson Company

A WORLD LEADER IN FUME  
EXTRACTION TECHNOLOGY

## DustPRO 1000 iQ

Last Updated on 30.08.2018



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 particulates.

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.

### Technology



Intelligent (iQ)  
Operating System



HEPA filter



Reverse flow air  
(RFA) technology



Automatic flow  
control (AFC)  
technology



Patented  
technology



ProTECT service  
plan



SureCHECK  
quality standard

### Key features of the DustPRO 1000 iQ

iQ operating system  
Standard

Reverse Flow Air filter technology  
Standard

Real time airflow reading  
Standard

'Run safe' operation  
Standard

Independent filter condition monitoring, display and warnings  
Standard

High airflow and pressure rates  
Standard

Automatic flow control system  
Standard

High contrast display  
Standard

Remote diagnostics via USB  
Standard

HEPA filter  
Standard



Filters with long life and low replacement cost  
Standard

Filter change / System fail signal  
Optional

Remote stop / start interface  
Optional

## Technical specification

1. iQ Display

2. On / Off switch

3. Power cable

4. Signal / Interface cable

5. Castors

6. Door hinge

7. Hose inlet Connection -  
125mm

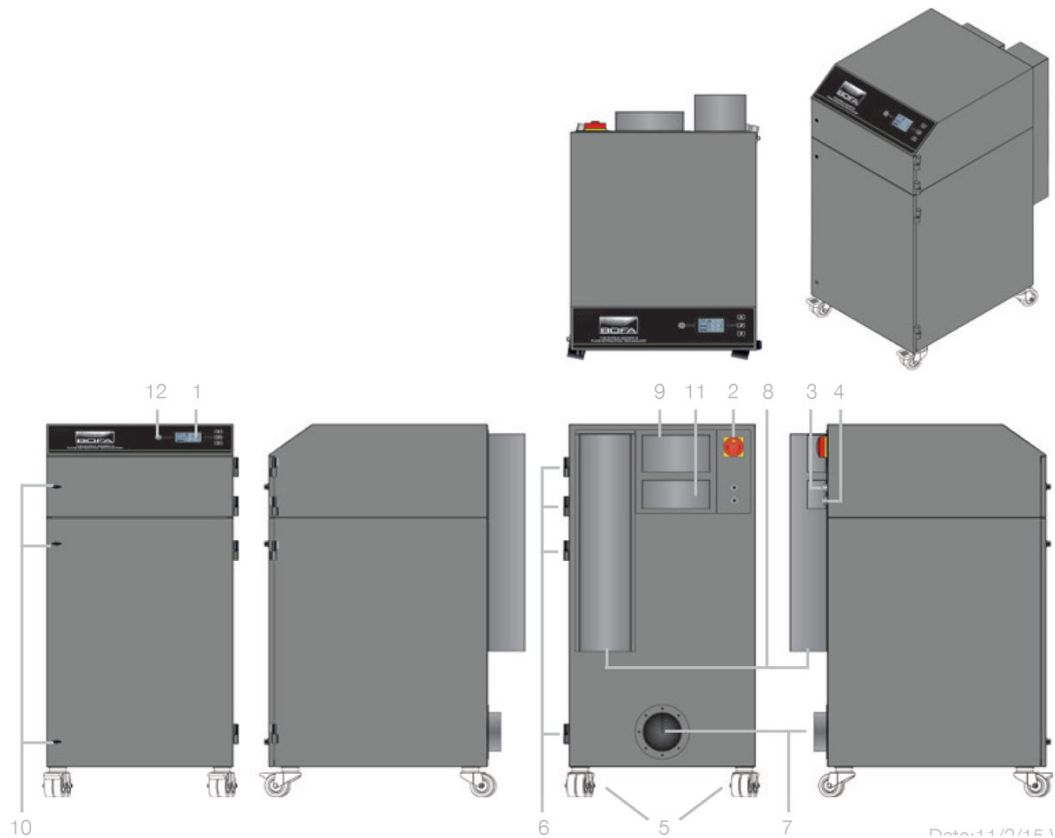
8. Exhaust outlet

9. Motor cooling inlet

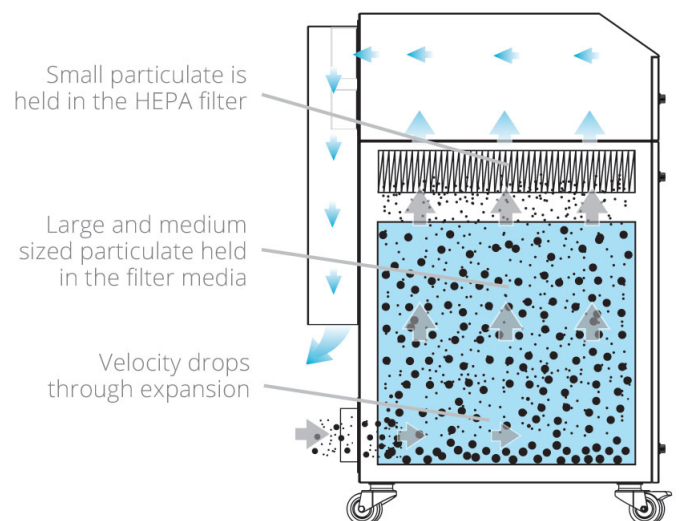
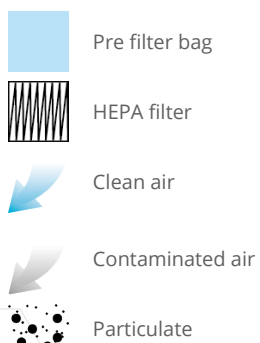
10. Door latch

11. Motor cooling outlet

12. Standby button



## Airflow through filters



Technical data		
	EU	US
Dimensions (HxWxD)	1205 x 615 x 790mm	47.44 x 24.21 x 31.10"
Cabinet construction	Powder coated mild 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	< 66dBA (at typical operating speed)	< 58dBA - with rear silencing boxes fitted (at typical operating speed)
Weight	100kgs	220.5lbs
Approvals	CE	cUL, UL*

Bag pre-filter specifications	
Volume area	100ltrs approx
Filter media	Polyester
Filter media construction	8 pocket bag filter
Surface media area	3.9m² approx (419.64 ft²)
Filter efficiency	95% @ 0.9 microns

HEPA filter specifications	
Surface media area	7.5m² approx (80.7 ft²)
HEPA filter media	Borosilicate
HEPA media construction	Maxi pleat construction with glue bead spacers
Filter housing	Zintec mild steel
Filter efficiency	99.997% @ 0.3 microns

Unit part numbers					
Model	Voltage	Filter change / System failure signal	24V Stop/Start	Override	Part number
DustPRO 1000 iQ Powder coated	230V	No	No	No	30811619-1419
DustPRO 1000 iQ Powder coated	230V	Yes	Yes	Yes	6530811619-1419
DustPRO 1000 iQ Powder coated	115V	Yes	No	No	10810619-1419
DustPRO 1000 iQ Powder coated	115V	Yes	Yes	Yes	4660810619-1419

Replacement filters		
Model	Bag filter part number	HEPA filter part number
DustPRO 1000 iQ	A1030395	A1030394

\* Certain product configurations may affect the UL certification. Please speak to your sales representative.

*Datasheet correct at time of publishing.*

*Where applicable, the carbon used in BOFA units is capable of removing a wide range of VOC's, however it is the responsibility of the user to ensure the carbon is suitable for their application. For specific applications, please contact us for details.*

*Think before you print! Please consider the environment before printing this document.*



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