

Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY



# DustPRO 1000 iQ

## **MECHANICAL ENGINEERING**



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.

More information about the Intelligent (iQ) Operating System.

Intelligent (iQ)

**Operating System** 



**HEPA filter** 



**Reverse flow air** 

(RFA) technology



**Automatic flow** control (AFC) technology



Patented technology



ProTECT service plan



Technology

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

## Contact BOFA at https://bofainternational.com/en/contact/

https://bofainternational.com/en/portal/datasheets/dustpro-1000-ig/







Filters with long life and low replacement cost Standard

Filter change / System fail signal Optional

#### Remote stop / start interface Optional

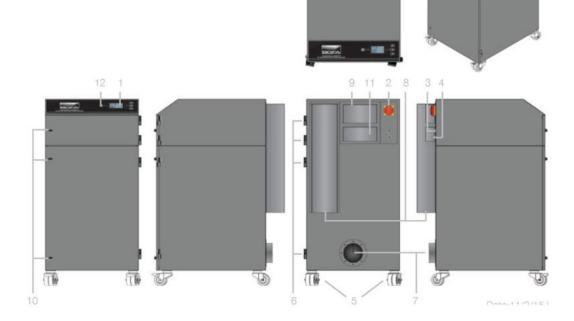
### **Technical specification**

1. iQ Display2. On / Off switch5. Castors6. Door hinge9. Motor cooling inlet10. Door latch



7. Hose inlet Connection -125mm

- 11. Motor cooling outlet
- 4. Signal / Interface cable
- 8. Exhaust 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 specfications		
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	Glass fibre	
HEPA media construction	Maxi pleat construction with webbing 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	

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.

