



A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

DustPRO 1000 iQ

MECHANICAL ENGINEERING

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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](#).

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

Contact BOFA at <https://bofainternational.com/en/contact/>

<https://bofainternational.com/en/portal/datasheets/dustpro-1000-iq/>



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

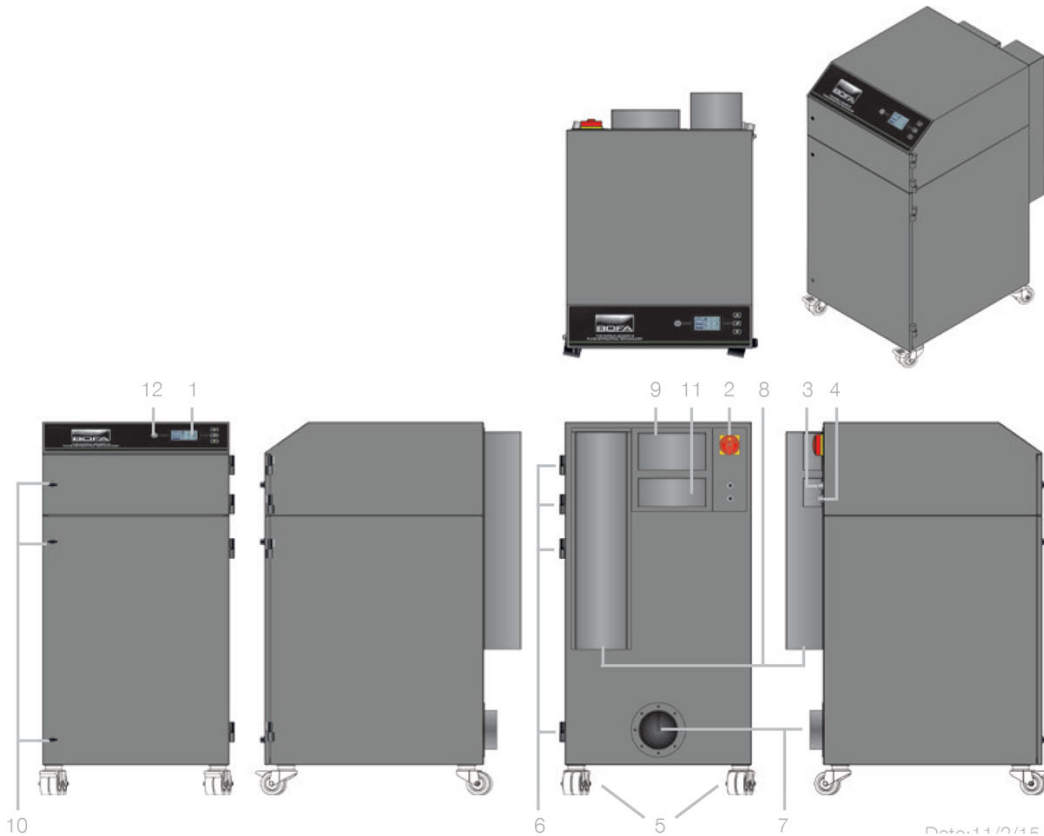
8. Exhaust outlet

9. Motor cooling inlet





10. Door latch

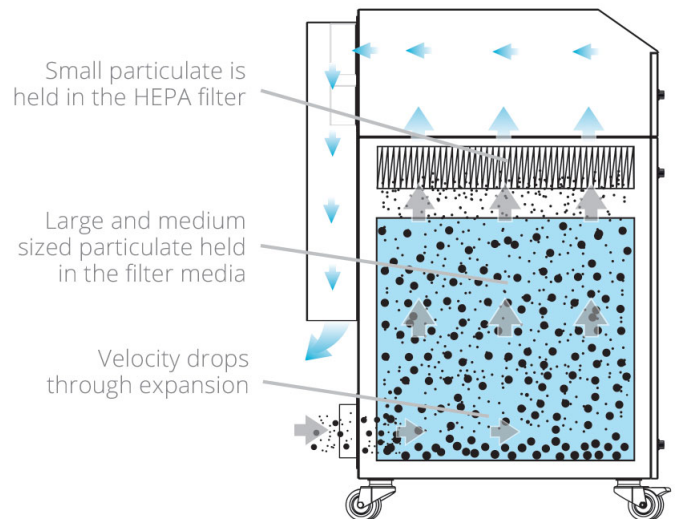
11. Motor cooling outlet

12. Standby button



Airflow through filters

-  Pre filter bag
-  HEPA filter
-  Clean air
-  Contaminated air
-  Particulate



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	850m ³ /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	3.9m ² approx (419.64 ft ²)
Filter efficiency	95% @ 0.9 microns

HEPA filter specifications

Surface media area	7.5m ² approx (80.7 ft ²)
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.

