



A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

DustPRO 1500 iQ

MECHANICAL ENGINEERING

Last Updated on 30.08.2018



High end industrial particle and dust extractor.

The biggest in our DustPRO range, the DustPRO 1500 iQ combines a 100 litre pre filter bag and high efficiency HEPA with high airflows and pressure. This combination makes it ideal for heavy duty applications that generate large amounts of particulate.

One of the main problems with other dust extractors relates to the type of blower used. Most have brushed motors which are noisy in operation and frequently burn out. The blower used in the DustPRO 1500 iQ is brushless and designed for longer continuous running before servicing.

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 1500 iQ

iQ operating system
Standard

Reverse Flow Air filter technology
Standard

Brushless motor
Standard

HEPA filter technology
Standard

High airflow and pressure rates
Standard

Automatic flow control system
Standard

Filter blocked indicator
Standard

SureCHECK quality standard
Standard

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

<https://bofainternational.com/en/portal/datasheets/dustpro-1500-iq/>



ProTECT
Standard

Remote stop/start interface
Optional

Onboard compressor
Optional

Patented Technology
Standard

Filter change/system fail signal
Optional

Technical specifications

1. iQ Display

2. On / Off switch

3. Power cable

4. Signal / Interface cable

5. Castors

6. Door hinge

7. Hose inlet connection -
125mm

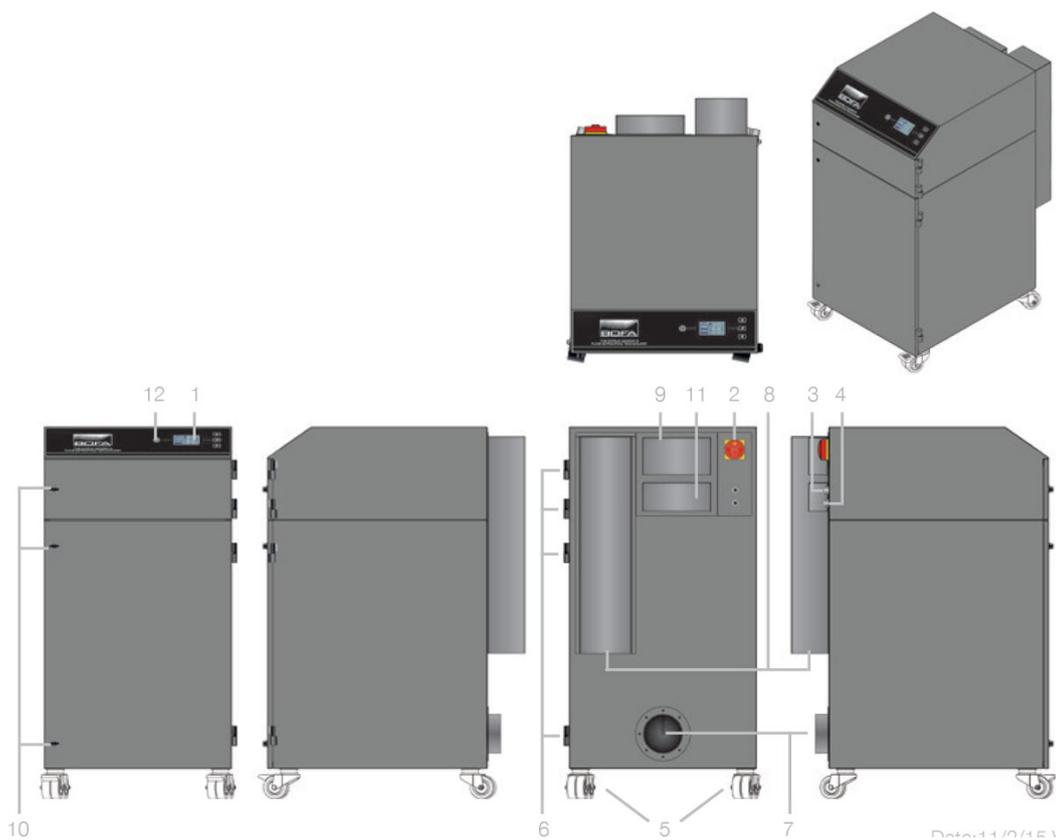
8. Exhaust outlet

9. Motor cooling inlet

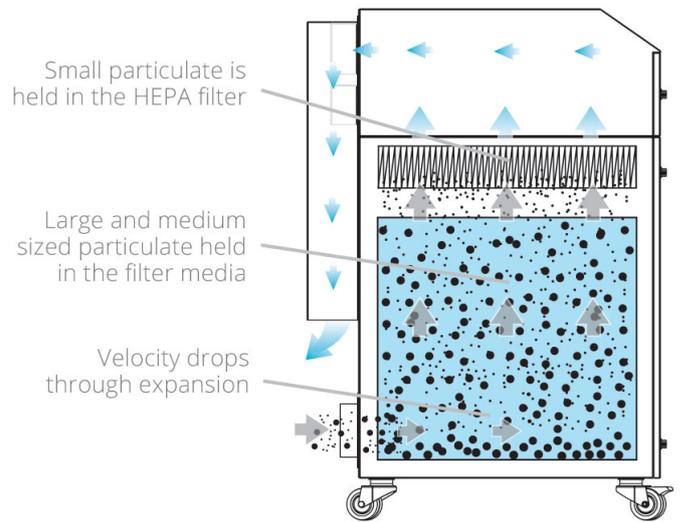
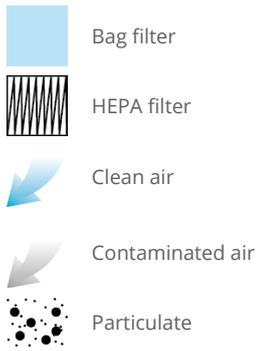
10. Door latch

11. Motor cooling outlet

12. Standby button



Airflow through filters



Technical data

	EU
Dimensions (HxWxD)	1205 x 615 x 790mm (47.44 x 24.21 x 31.10")
Cabinet construction	Powder coated mild steel
Airflow / Pressure	1250m ³ h/735 CFM - 100mbar
Electrical data	230v 1ph 50/60Hz Full load current: 21.6 amps / 3.3kw 415v 3ph 50/60Hz Full load per phase: 8.5amps Neutral 14.5amps
Noise level	< 68dBA (at typical operating speed)
Weight	102kgs / 225lbs
Approvals	CE / cUL / UL

Bag filter specifications

Volume area	100ltrs approx
Filter media	Polyester
Filter media construction	8 pocket bag filter
Surface media area	2.5m ² approx (26.9 ft ²)
Filter efficiency	95% @ 0.9 microns

HEPA filter specifications

HEPA filter media	Glass fibre
HEPA media construction	Maxi pleat construction with webbing spacers
Surface media area	7.5m ² approx (80.7 ft ²)
Filter efficiency	99.997% @ 0.3 microns

Part numbers

Model	Voltage	Part number	24V Stop/Start	Filter change / System failure signal
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Part numbers

DustPRO 1500 iQ Powder coated	230V	30811629-1419	A2001	A2002
DustPRO 1500 iQ Powder coated	115V	45812129-1419	A2001	A2002

Replacement filters

Model	Bag filter part number	HEPA filter part number
DustPRO 1500 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.

