



# DustPro 1000 iQ

DUST EXTRACTOR

DRILLING | GRINDING | SANDING

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

DustPro 50



DustPro 250



DustPro 400



DustPro Universal

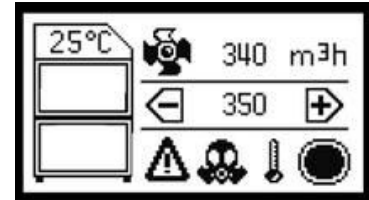


DustPro 1000 iQ  
Max airflow: 750m<sup>3</sup>/h  
(+/- 10%)

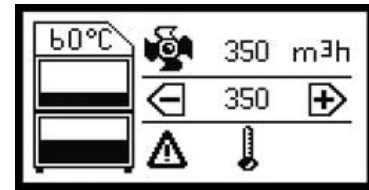


Compatible accessories: Spark Arrestor 2, ILF 600

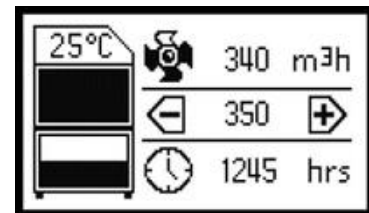
**iQ communication** | Universally recognised symbols and alarms



**iQ control** | Temperature alarms inside filter and electrical chambers



**iQ accuracy** | Hours run display and live filter readings



**iQ performance evaluation** | Download data via USB connection



Contact BOFA at [www.donaldsonbofa.com/contact/](http://www.donaldsonbofa.com/contact/)



FS 643451

Approvals: REACH and RoHS. See individual product technical data for specific accreditations

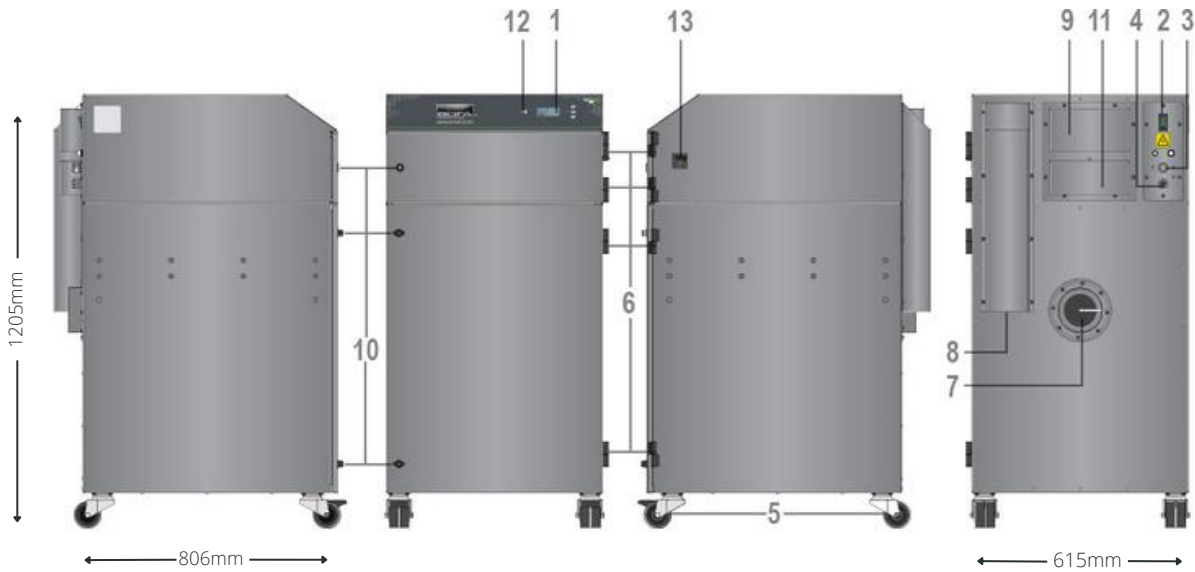


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EXTRACTION TECHNOLOGY

- |                         |                    |                         |                             |
|-------------------------|--------------------|-------------------------|-----------------------------|
| 1. iQ display           | 2. On / off switch | 3. Power cable          | 4. Signal / interface cable |
| 5. Castors              | 6. Door hinges     | 7. Inlet spigot - 125mm | 8. Exhaust box              |
| 9. Motor cooling outlet | 10. Door latch     | 11. Motor cooling inlet | 12. Standby button          |
| 12. USB port            |                    |                         |                             |



## TECHNICAL DATA

Technical data		Customisations
Dimensions (H x W x D)	1205 x 615 x 806 mm	<b>Options</b> Stop / start function Filter signal condition Exhaust box / exhaust spigot
Unrestricted airflow*	885m <sup>3</sup> /hr (+/- 10%)	
Settable range**	300-750m <sup>3</sup> /hr	<b>Paint finish</b> Powder coated mild steel (RAL7016)
Max pressure	60mBar (+/- 10%)	
Electrical data	Voltage: 230V Frequency: 50Hz Full load current: 12.8 amps	<b>Power cables</b> Type E Type G
Interface signal connection	Not included as standard (see customisations for more information)	
Max noise level	< 85dBA	
Weight (standard extractor with filters)	95kg (+/- 5%)	
Approvals	UKCA, CE, UL and cUL	

\* **Unrestricted airflow** = The airflow values provided with clean filters, no hose kit, at 230V, measured by using a wind vane. The numbers may vary depending on voltage and test procedure used.

\*\* **Settable range** = BOFA recommends utilizing the lowest flow rate that achieves the correct capture velocity for your application in order to maximise filter life

\*\*\* **UL** = Tested to UL standards, but testing may be provided by alternate nationally recognized test laboratories. Certain product configurations may affect the UL certification. Please speak to your sales representative.



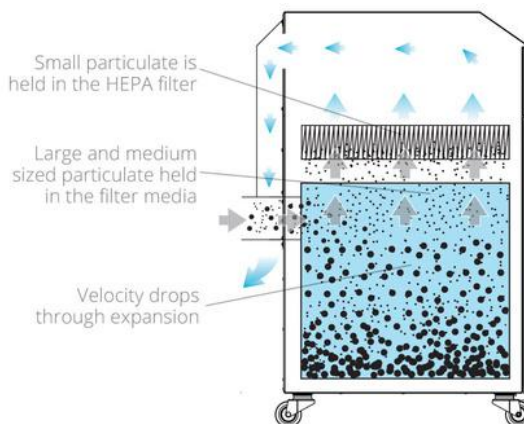
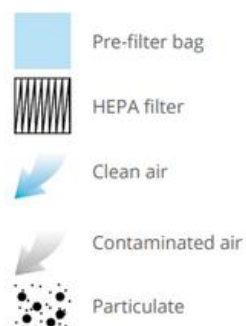
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DUST EXTRACTOR

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EXTRACTION TECHNOLOGY

## Airflow through filters



## FILTER SPECIFICATIONS

### 8 Pocket pre-filter bag specifications

Volume area	100ltrs approx.
Filter efficiency	F8

### HEPA filter specifications

HEPA filter efficiency	99.995% @ 0.3 microns
Media surface area	7.5m <sup>2</sup> approx. (80.72ft <sup>2</sup> )

### Replacement filters

Model	Pre-filter bag	HEPA filter
DustPro 1000 iQ	1UA1030395	1UA1030394

Datasheet correct at time of publishing.

Where applicable, the carbon used in BOFA units is capable of removing a wide range of VOCs, 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.

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# AD Nano+

LASER

Last Updated on 01.02.2022



The AD Nano+ fume extraction and filtration system has been designed as a cost-effective solution for light to medium duty applications and is the ideal choice for installations where floor space is limited.

Suitable for light laser coding applications, the AD Nano+ incorporates many of the features found on our larger systems.

The use of an auto-voltage sensing turbine means that the unit can be used anywhere in the world.

Reverse flow, patented DeepPleat DUO and ACF filter technologies ensure optimised performance and filter life.

## Technology



DeepPleat DUO pre-filter



HEPA filter



Automatic flow control (AFC) technology



Reverse flow air (RFA) technology



Advanced carbon filter (ACF) technology



Multi voltage sensing (MVS) unit



Patented technology



ProTECT service plan



SureCHECK quality standard

## Key features of the AD Nano+

Auto sensing voltage (100-240v) for global use  
Standard

Reverse flow  
Standard

Long life filters with low replacement cost  
Standard

Advanced carbon filter (ACF) technology  
Standard

Low noise levels  
Standard

Remote stop / start interface  
Optional

Automatic flow control  
Standard

'Easi-seal' filter location  
Standard

DeepPleat DUO pre-filter  
Standard

Small footprint  
Standard

VOC gas sensor (Volatile Organic Compound)  
Optional

Filter change / system fail signal  
Optional

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

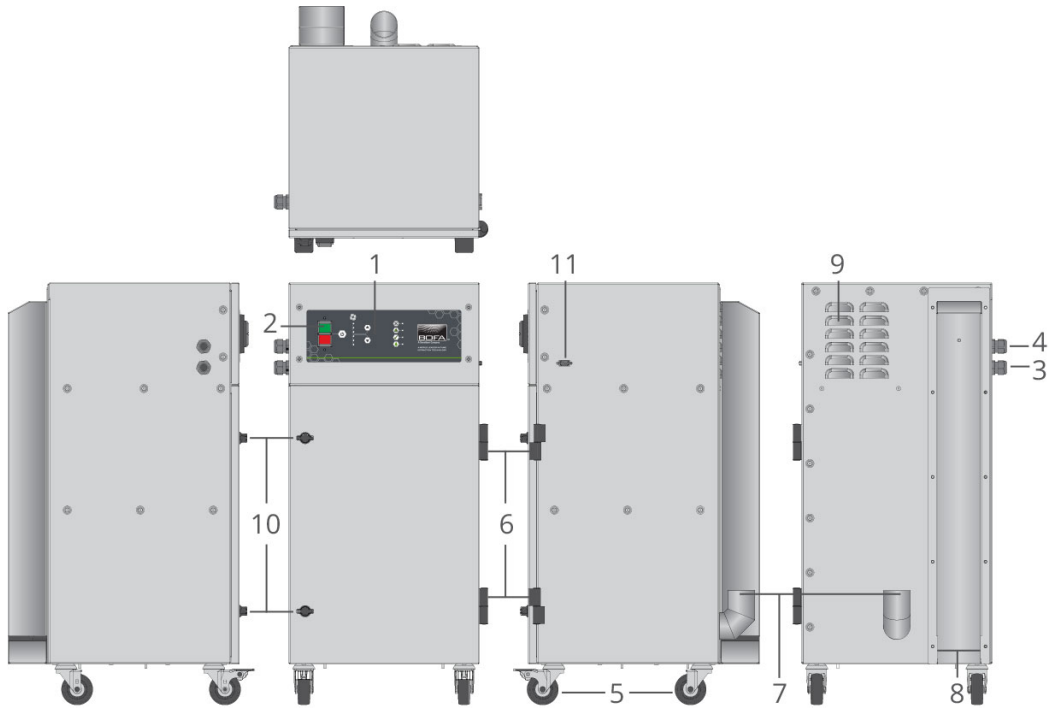
<https://bofainternational.com/en/portal/datasheets/ad-nano-plus/>









Approvals: REACH and RoHS. See individual product technical data for specific accreditations

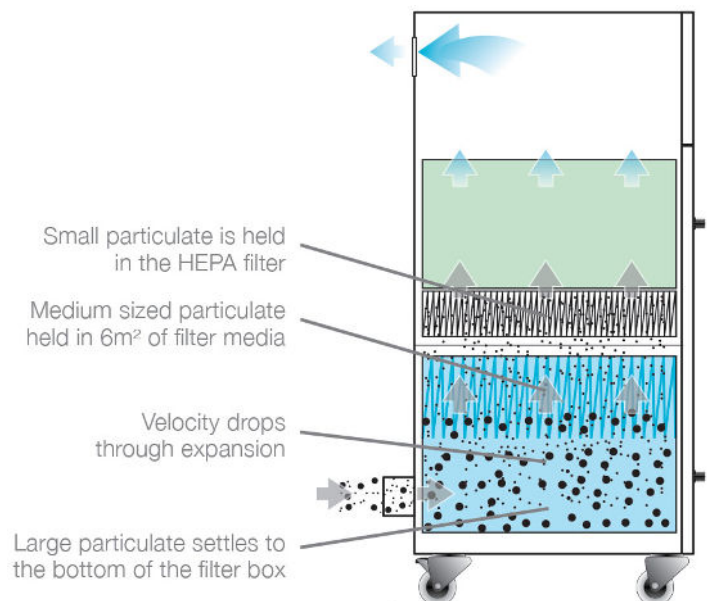
## Technical specification

- |  |                    |   |                   |
|--|--------------------|---|-------------------|
| 1. Unit / filter condition display<br>- automatic flow control | 2. On / off switch | 3. Signal / interface cable             | 4. Power cable    |
| 5. Castors   | 6. Door hinge      | 7. Hose inlet connection -<br>50mm      | 8. Exhaust outlet |
| 9. Motor cooling inlet   | 10. Door latch     | 11. Interfacing connector<br>(optional) |                   |



## Airflow through filters

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



## Technical data

	230V	115V
Dimensions (HxWxD)	790 x 360 x 420mm	31.1 x 14.17 x 16.54"
Cabinet construction	Brushed stainless steel / powder coated mild steel	Brushed stainless steel / powder coated mild steel
Airflow / pressure	300m <sup>3</sup> /hr / 96mbar	176cfm / 96mbar
Electrical data	100-230v Single-phase 1~ 50/60Hz Full load current: 12.5 amps / 1.1kw	100-230v Single-phase 1~ 50/60Hz Full load current: 12.5 amps / 1.1kw
Noise level	< 60dBA (at typical operating speed)	< 60dBA (at typical operating speed)
Weight	42kg	92.5lbs
Approvals	UKCA and CE	UKCA and CE

## DeepPleat DUO pre-filter specifications

Surface media area	6m <sup>2</sup> approx (64.56ft <sup>2</sup> )
Filter media	Borosilicate
Filter media construction	150mm Maxi pleat construction with glue bead spacers (0.49ft)
Filter housing	Zintec mild steel
Filter efficiency	92% @ 0.8 microns
Inlet size	50mm (0.16ft)
Dropout chamber size	7.44 litres

## Combined filter specifications

Surface media area	2.18m <sup>2</sup> approx (23.4568ft <sup>2</sup> )
HEPA filter media	Borosilicate
HEPA media construction	50mm maxi pleat construction with glue bead spacers
Filter housing	Zintec mild steel
Treated activated carbon	6.75kgs (14.85 lbs)
Filter efficiency	99.997% @ 0.3 microns

## Unit part numbers

Model	Voltage	Part no.	24V stop / start	Filter change / system failure signal	VOC monitoring
AD Nano+ powder coated	100-230v	L3042A	A2001	A2002	A2003
AD Nano+ stainless steel	100-230v	L3052A	A2001	A2002	A2003

## Replacement filters part numbers

Model	Pre-filter	Combined filter
AD Nano+	A1030190	A1030191

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## Other languages

AD Nano+  
[French](#)

*Datasheet correct at time of publishing.*

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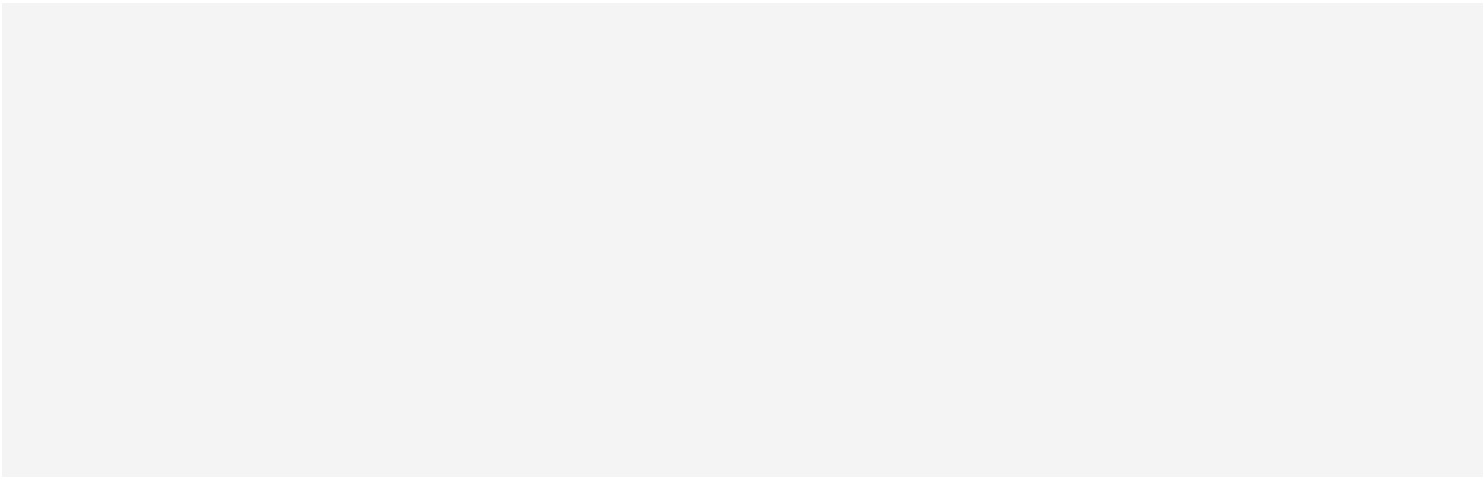
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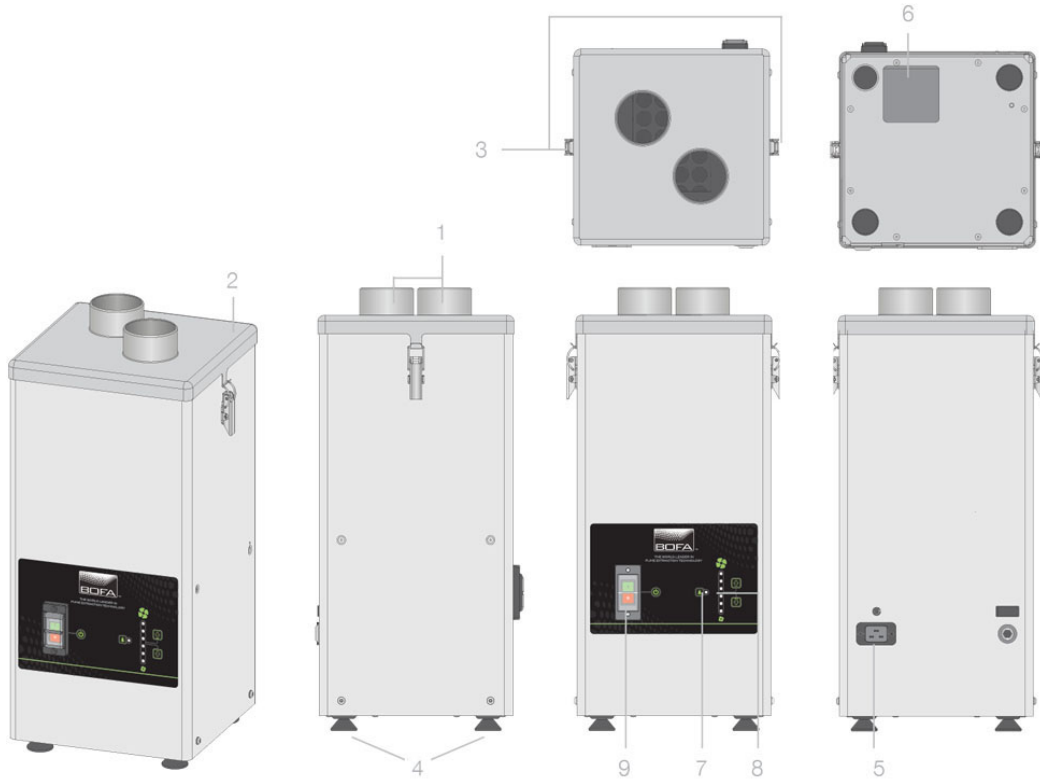


Approvals: REACH and RoHS. See individual product technical data for specific accreditations








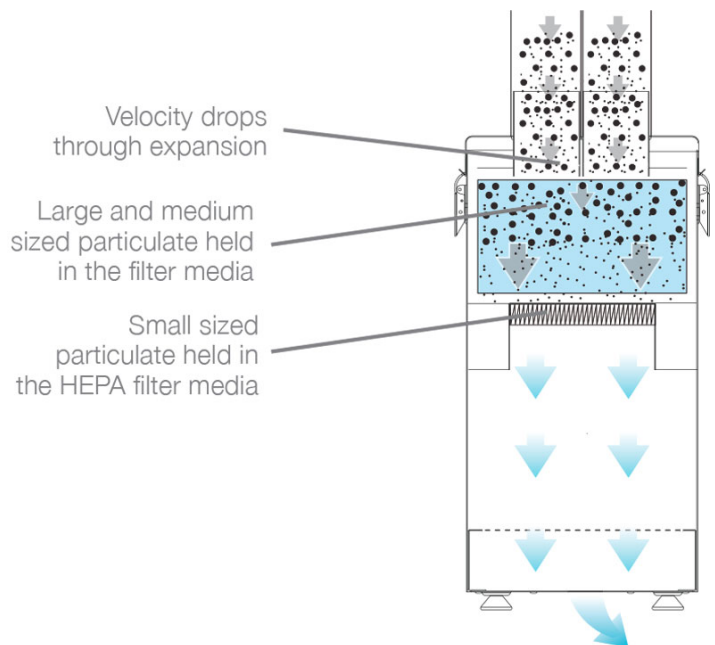
## Technical specifications

- 1. Hose inlet - 2 x 75mm
- 2. Unit lid
- 3. Latch
- 4. Feet
- 5. Power inlet
- 6. Exhaust outlet
- 7. Filter full indicator
- 8. Speed control
- 9. Power switch



## Airflow through filters

-  Bag filter
-  HEPA filter
-  Clean air
-  Contaminated air
-  Particulate



## Technical data

	EU	US
Dimensions (HxWxD)	600 x 290 x 270mm	23.62 x 11.42 x 10.63"
Cabinet construction	Powder coated mild steel	Powder coated mild steel
Airflow / pressure	380m <sup>3</sup> /hr / 96mbar	223cfm / 96mbar
Electrical data	100-230v single-phase 1~ 50/60Hz full load current: 12.5 amps / 1.1kw.	100-230v single-phase 1~ 50/60Hz full load current: 12.5 amps / 1.1kw.
Noise level	< 66dBA (at typical operating	< 66dBA (at typical operating
Weight	speed) 14kgs	speed) 30.9lbs
Approvals	UKCA and CE	UKCA and CE

## Bag filter specifications

Filter holding capacity	6.4 ltrs
Filter media	Polyester
Filter media construction	Bag filter
Filter efficiency	95% @ 0.9 microns

## HEPA filter specifications

HEPA filter media	Borosilicate
HEPA media construction	Pleated with glue bead spacers
Filter efficiency	99.997% @ 0.3 microns

## Unit part numbers

Model	Voltage	Part number	Foot switch
DustPRO 400 powder coated	100-230v	D0944A	A0009

## Replacement filter part numbers

Model	Bag filter part number	HEPA filter part number
DustPRO 400	A1030241	A1030287

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