BOFA™
A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

AD Oracle iQ

FUME EXTRACTOR

DIRECT METAL LASER SINTERING | SELECTIVE LASER SINTERING

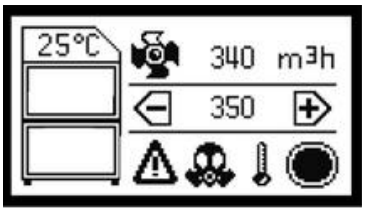
LASER ENGRAVING AND CUTTING | LASER CODING AND MARKING | SELECTIVE LASER MELTING

AD Access | AD Nano+ | AD Oracle iQ | AD 1000 iQ | AD 2000 iQ

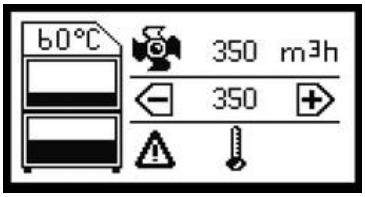
AD Oracle iQ
Max airflow: 380m³/hr

Compatible accessories: Spark Arrestor 2, ILF 300, ILF 600, FireBOX

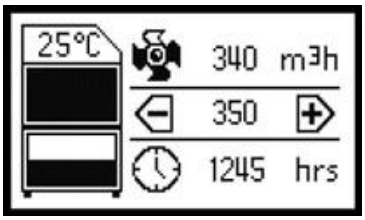
iQ communication | Universally recognised symbols and alarms



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/**

bsi. ISO 9001:2015 Quality Management
FS 643451

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

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FUME EXTRACTOR

1. iQ display
2. On / off switch
3. Power cable
4. Signal / interface cable
5. Door hinge
6. Hose inlet connection - 75mm
7. Exhaust outlet
8. Motor cooling inlet
9. Door latch
10. Castors
11. Standby button

TECHNICAL DATA

Technical data	
Dimensions (H x W x D)	975 x 450 x 515 mm
Unrestricted airflow*	410m^3/hr (+/- 10%)
Settable range**	100-380m^3/hr
Max pressure	95mBar (+/- 10%)
Electrical data	Voltage: 115-230V Frequency: 50/60Hz Full load current: 12.5 amps
Interface signal connection	Not included as standard (see options for more information)
Max noise level	< 85dBA
Weight (standard extractor with filters)	65kg (+/- 5%)
Approvals	UKCA, CE and UL***

Customisations

Options
Stop / start function
Filter signal condition
VOC
Blank plate / exhaust box / exhaust spigot

Paint finish
Brushed stainless steel
Powder coated mild steel (RAL7016)

If other options are required, please contact a sales representative

Power cables
Type B
Type E
Type G
Type free ends

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

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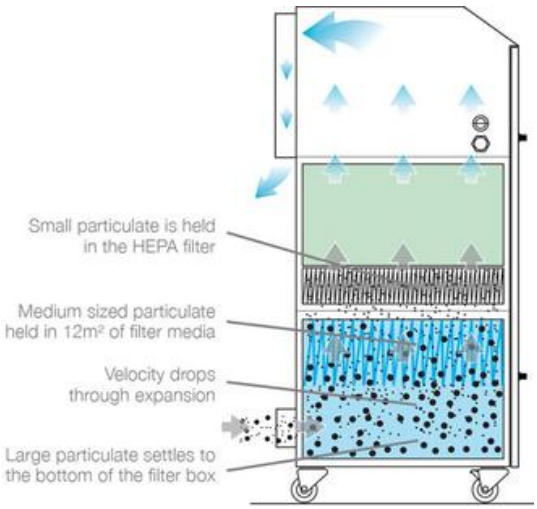

FILTER SPECIFICATIONS

DeepPleat DUO pre-filter specifications	
Surface media area	12m² approx. (129.12ft²)
Filter efficiency	F8 - 50% @ 0.3 microns

Combined filter specifications	
HEPA filter efficiency	99.995% @ 0.3 microns
Activated carbon volume	18.77 ltrs

Replacement filters

Model	DeepPleat DUO pre-filter	Combined filter
AD Oracle iQ	1UA1030156	1UA1030155

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.

Important notice: Many factors beyond the control of BOFA can affect the use and performance of BOFA products in a particular application, including the conditions under which the product is used. Since these factors are uniquely within the user's knowledge and control, it is essential the user evaluate the products to determine whether the product is fit for the particular purpose and suitable for the user's application. All products, product specifications, availability and data are subject to change without notice, and may vary by region or country.

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