



A Donaldson Company

A WORLD LEADER IN FUME  
EXTRACTION TECHNOLOGY

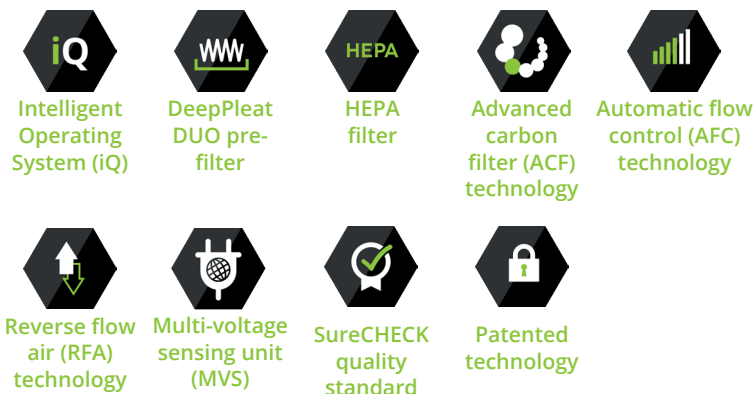
## AD ORACLE iQ FUME EXTRACTOR

LAST UPDATED ON 02.01.2024

### The premier choice and 'best in class' system with unique features in a compact unit.

The 'best in class' high-performance AD Oracle iQ combines a range of unique features into one compact unit. The Intelligent Operating System (iQ) performs at two distinct levels. Operators benefit from the ease of operation and clarity of real-time information, the system also provides a cache of analytical data, enabling users to download performance and operating parameters for evaluation purposes.

The iQ system takes performance to a new level and helps keep maintenance downtime and ownership costs to a minimum.

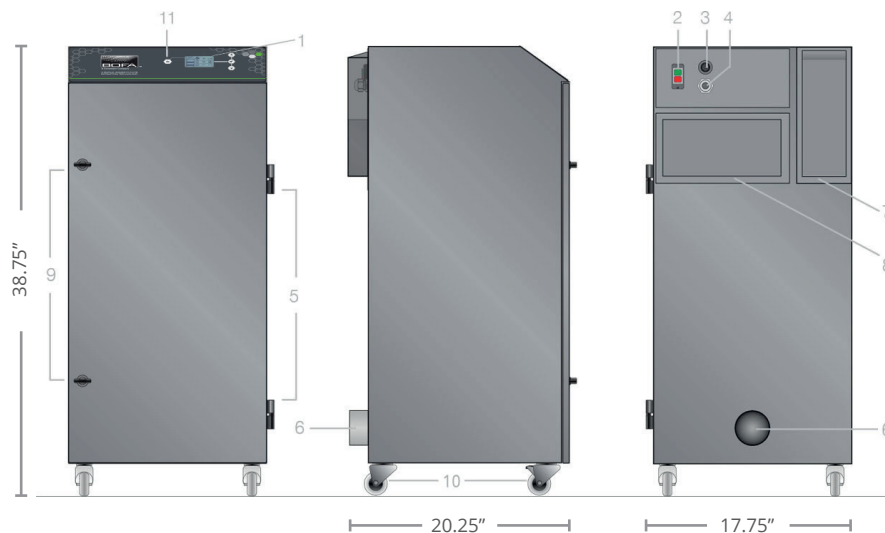


### Key features

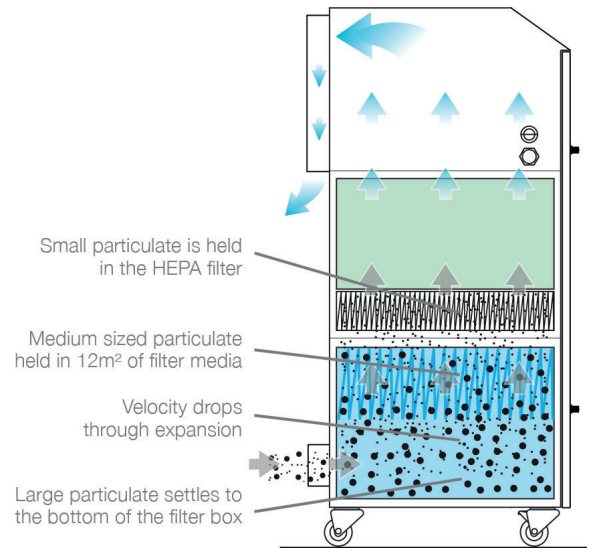
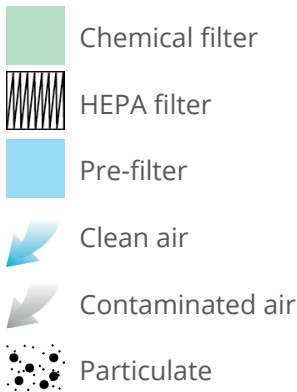
- Intelligent Operating System (iQ)
- Reverse flow filter technology
- Automatic flow control
- Auto-sensing voltage (100-230v)
- Advanced carbon filter technology
- HEPA and gas combined filter
- High contrast display
- Real-time airflow reading
- Independent filter condition monitoring
- Filter status warnings
- 'Run safe' operation
- Remote diagnostics via USB
- Optional VOC (volatile organic compound) gas sensor
- Optional interfacing
- Optional on-board compressor
- Optional filter medias

### Technical specification

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



## Airflow through filters



## Technical data

Dimensions (HxWxD)	38.75 x 17.75 x 20.25"
Cabinet construction	Brushed stainless steel / Powder-coated mild steel (RAL7016)
Unrestricted airflow*	241cfm (+/- 10%)
Settable range**	59-224 cfm
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)
Noise level	< 85 dBA (at typical operating speed)
Weight (standard extractor with filters)	143lbs (+/- 5%)
Approvals	UKCA, CE and UL***

## Pre-filter specifications (DeepPleat DUO)

Surface media area	12m approx. (129.12ft)
Filter efficiency	F8 - 50% @ 0.3 microns

## Combined HEPA/gas filter specifications

Filter efficiency	99.995% @ 0.3 microns
Activated carbon volume	4.12 gallons

## Part numbers

Model	AD Oracle iQ - Stainless steel
Part number	1U4060106022-1275
Part number including 24v stop/start and filter change signal	1U4660106022-1275
Optional VOC (requires 1UA1060130 and 1UA1060330 to utilize)	1UA1070028
Single hose kits	1USHK-O-(3,4,6) / 1UA1020392
Dual hose kits	1UDHK-O-(3,4)
Optional exhaust spigot 75mm (must install 1UA1060330 to utilize)	1UA1060130

## Customizations

### Options

- Power cables
- Stop/start function
- Filter signal condition
- VOC
- Blank plate / exhaust box / exhaust spigot

### Power cables

- Type B
- Type E
- Type G
- Type free ends

### Paint finish

- Brushed stainless steel
- Powder-coated mild steel (RAL7016)

If other options are required, please contact sales representative.

\* 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.

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

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.

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

