

AD Oracle iQ2

LASER

Last Updated on 21.06.2019



The next generation of fume extraction technology.

iQ2 takes performance and safety parameters to a new level, adding significantly to the list of seller and user benefits. It combines field proven iQ reliability with a range of new and highly advanced feature enhancements, including Fieldbus connectivity, two-way communication and control, accurate filter monitoring - to ensure maximum lifespan and reduced unplanned maintenance - and remote reporting and diagnostics. SMART filter technology is an optional extra.

Driven by Industry 4.0, iQ2 meets tomorrow's needs, today, keeping you and your customers ahead in the market.

It incorporates Fieldbus connectivity, making it easy to integrate into existing factory systems and the intuitive interface makes it simple to use. By connecting machines, businesses can create intelligent networks along the entire value chain that can control each other autonomously. Remote monitoring and internal control can be achieved thanks to the unique two-way data streaming capabilities. Systems self-analyse to enable predictability, providing management with more insight on the status of the factory and allowing interventions, such as filter changes, to take place at the best possible time - achieving just-in time maintenance and near zero downtime.

More information about the [Intelligent \(iQ2\) Operating System](#) and [SMART filter technology](#).

Technology



Intelligent (iQ2)
Operating System



DeepPleat DUO
pre filter



HEPA filter



Advanced carbon
filter (ACF)
technology



Automatic flow
control (AFC)
technology



Reverse flow air
(RFA) technology



Multi voltage
sensing (MVS) unit



Patented
technology



SMART filter
technology



ProTECT service
plan



SureCHECK
quality standard

Key features of the AD Oracle iQ2

High resolution colour touch screen display
Standard

SmartNAV screen navigation
Standard

Internationally recognised icons
Standard

Multi language options
Standard

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

<https://bofainternational.com/en/portal/datasheets/ad-oracle-iq2/>

Complete system pressure and filter monitoring
Standard

System interfacing
Standard

Temperature monitoring
Standard

"Black Box" event log
Standard

Reverse Flow filter technology
Standard

Auto sensing voltage (90v - 257v) - For global use
Standard

HEPA and Gas combined filter
Standard

Filter status warnings
Standard

Remote diagnostics via USB
Standard

VOC gas sensor (Volatile Organic Compound)
Optional

On-board compressor
Optional

Real time airflow reading and set point
Standard

Run hours displayed / Real time log
Standard

Extraction running indicator
Standard

Remote monitoring and control
Standard

Automatic Flow Control
Standard

Advanced Carbon Filter technology
Standard

Real time airflow reading
Standard

'Run safe' operation
Standard

Fieldbus connectivity
Optional

SMART filter technology
Optional

Different filter medias
Optional

Technical specification

1. iQ2 display

2. On/off switch

3. Power cable

4. Signal/interface cable

5. Door hinge

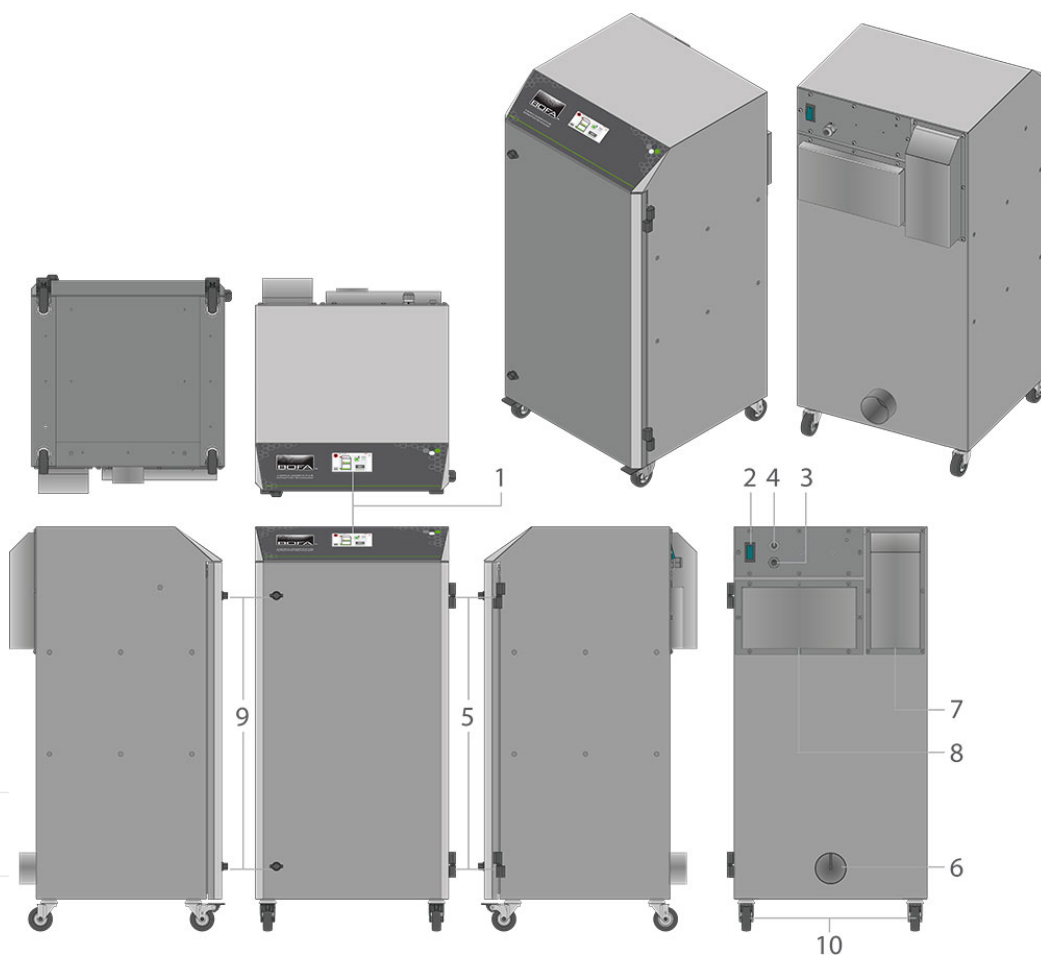
6. Hose inlet connection - 75mm

7. Exhaust outlet

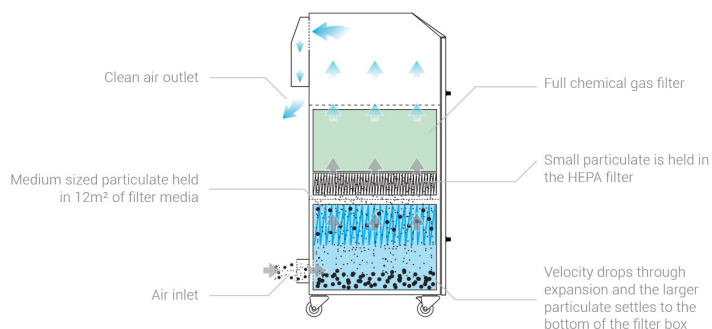
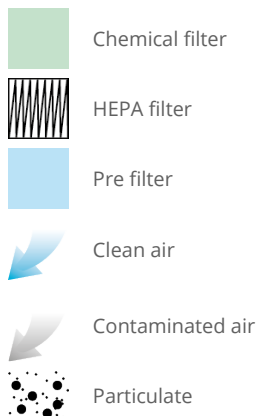
8. Motor cooling inlet

9. Door latch

10. Castors



Airflow through filters



Technical data

| | EU | US |
|----------------------|---|---|
| Dimensions (HxWxD) | 982 x 470 x 517 mm | 38.66 x 18.5 x 20.35" |
| Cabinet construction | Brushed stainless steel / Powder coated mild steel | Brushed stainless steel / Powder coated mild steel |
| Airflow / Pressure | 380m ³ /hr / 96mbar | 223cfm / 96mbar |
| Electrical data | 90v - 257v 1ph 50/60Hz Full load current: 10 amps / 1.1kw | 90v - 257v 1ph 50/60Hz Full load current: 10 amps / 1.1kw |
| Noise level | < 60dBA (at typical operating speed) | < 60dBA (at typical operating speed) |
| Weight | 65kg | 143lbs |
| Approvals | CE | |

DeepPleat DUO pre filter specifications

| | |
|---------------------------|---|
| Surface media area | 12m ² approx (129.12 ft ²) |
| Filter media | Glass Fibre |
| Filter media construction | Maxi pleat with webbing spacer |
| Filter housing | Zintec mild steel |
| Filter efficiency | F8, 95% @ 0.9 microns |
| Inlet size | 75mm (0.24ft) |
| Dropout chamber size | 16.2 litres |
| Filter media pleat size | 200mm (0.65ft) |

Combined filter specifications

| | |
|-------------------------|--|
| HEPA filter media | Glass fibre |
| HEPA media construction | Maxi pleat construction with webbing spacers |
| Filter efficiency | H14 99.997% @ 0.3 microns |

Combined filter specifications

| | |
|--------------------------|-------------------|
| Treated activated carbon | 15kgs (33 lbs) |
| Filter housing | Zintec mild steel |

Part numbers

| Model | Options | Part number | Hose kit |
|----------------------------------|---|-----------------|---------------------|
| AD Oracle iQ2 stainless steel | | 30106164-1957 | A1020008 75-50mm |
| AD Oracle iQ2 stainless steel | 24V Stop / Start Filter change / System failure signal VOC monitor Compressor | 4680106164-1957 | A1020008 75-50mm |
| AD Oracle iQ2 powder coated | | 30811164-1957 | A1020008 75-50mm |
| AD Oracle iQ2 powder coated | 24V Stop / Start Filter change / System failure signal VOC monitor Compressor | 4680811164-1957 | A1020008 75-50mm |

Replacement filters

| Model | DeepPleat DUO pre filter | Combined filter |
|---------------|--------------------------|-----------------|
| AD Oracle iQ2 | A1030156 | A1030155 |

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.

