



A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

# V Oracle iQ

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The complete, global solution for high volume arm extraction for solder applications.

The 'best in class' high-performance V Oracle has now been further enhanced with the introduction of BOFA's Intelligent Operating System (iQ), combining a range of unique features into one compact unit.

The Intelligent Operating System (iQ) performs at two distinct levels. Whilst 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 system takes performance parameters to a new level and helps keep maintenance downtime and ownership costs to a minimum.

More information about the [Intelligent Operating System \(iQ\)](#).

## Technology



Intelligent Operating System (iQ)



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 V Oracle iQ

Reverse flow filter technology  
Standard

Auto sensing voltage (100-230v) - for global use  
Standard

Combined HEPA / gas filter incorporating ACF technology  
Standard

High contrast display  
Standard

Independent filter condition monitoring, display and warnings  
Standard

Airflow management system incorporating automatic flow control  
Standard

DeepPleat DUO pre-filter  
Standard

Filters with long life and low replacement cost  
Standard

Real time airflow readings  
Standard

Filter status warnings  
Standard

Contact BOFA at <https://bofainternational.com/en/contact/>  
<https://bofainternational.com/en/portal/datasheets/v-oracle-iq/>



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

'Run safe' operation  
Standard

VOC gas sensor (Volatile Organic Compound)  
Optional

On-board compressor  
Optional

Remote diagnostics via USB  
Standard

Interfacing  
Optional

Optional filter medias  
Optional

## 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



## Airflow through filters

Chemical filter

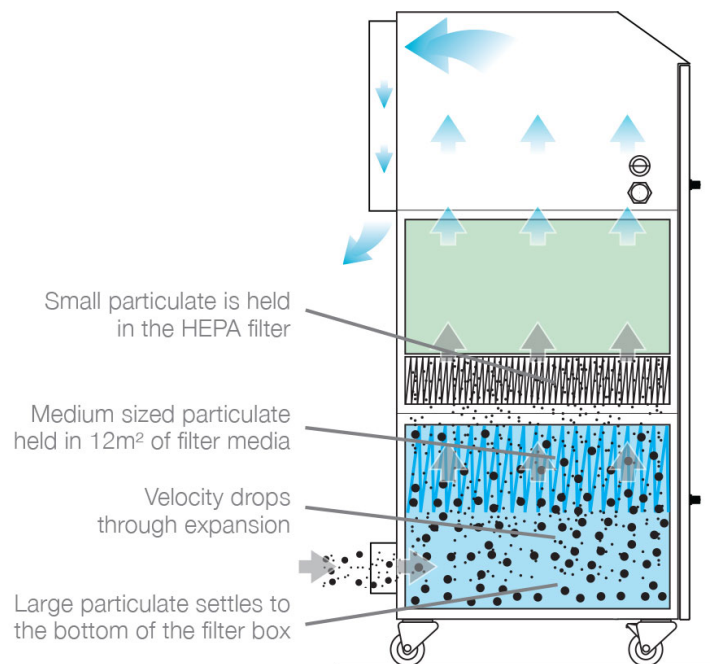
HEPA filter

Pre-filter

Clean air

Contaminated air

Particulate



## Technical data

|                      | EU  | US  |
|----------------------|---|---|
| Dimensions (HxWxD)   | 975 x 455 x 505 mm  | 38.39 x 17.91 x 19.88"  |
| Cabinet construction | Brushed stainless steel / powder coated mild steel                    | Brushed stainless 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          | < 60dBA (at typical operating speed)                                  | < 60dBA (at typical operating speed)                                  |
| Weight               | 65kg  | 143lbs  |
| Approvals            | UKCA and CE   | UKCA and CE   |

## DeepPleat DUO pre-filter specifications

|                           |   |
|---------------------------|---|
| Surface media area        | 12m <sup>2</sup> approx (129.12 ft <sup>2</sup> ) |
| Filter media              | Borosilicate                                      |
| Filter media construction | Pleated with glue bead spacers                    |
| Filter housing            | Zintec mild steel                                 |
| Filter efficiency         | F8 (95% @ 0.9 microns)                            |

## Combined filter specifications

|                          |                                |
|--------------------------|--------------------------------|
| HEPA filter media        | Borosilicate                   |
| HEPA media construction  | Pleated with glue bead spacers |
| Filter efficiency        | 99.997% @ 0.3 microns          |
| Treated activated carbon | 15kgs (33 lbs)                 |
| Filter housing           | Zintec mild steel              |

## Unit part numbers

| Model                       | Voltage   | Part no. | 24V stop / start | VOC monitoring | Hose kit - 75-50mm |
|-----------------------------|-----------|----------|------------------|----------------|--------------------|
| V Oracle iQ stainless steel | 90 - 257v | E2874    | A2001            | A2003          | A1020008           |
| V Oracle iQ powder coated   | 90 - 257v | E2864    | A2001            | A2003          | A1020008           |

## Replacement filter part numbers

| Model       | DeepPleat DUO pre-filter | Combined filter |
|-------------|--------------------------|-----------------|
| V Oracle iQ | A1030400                 | A1030399        |

## High volume extraction unit arm specifications

|  |   |
|--|---|
| Maximum number of 32mm arms                            | 6 |
| Maximum number of 50mm arms, cowls or down draft trays | 4 |

## High volume extraction unit arm specifications

|  |   |
|--|---|
| Maximum number of 75mm arms, cowls or down draft trays | 2 |
| (Dependent on installation)                            |   |

## Other languages

V Oracle iQ

[French](#)

*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.*

