AD Oracle iQ

LASER

Last Updated on 11.02.2018

The premier choice and best in class solution with unique features in a compact unit.

The 'Best in Class' high performance AD Oracle has now been further enhanced with the introduction of BOFA's new iQ Operating System, combining a range of unique features into one compact unit.

The iQ Operating System performs at two distinct levels. Operators benefit from 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 and safety parameters to a new level and ensures that maintenance downtime and ownership costs are kept to a minimum.

Technology

Intelligent (iQ) Operating System	**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 Oracle iQ

Reverse Flow filter technology
Standard

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

HEPA and Gas combined filter
Standard

Real time airflow reading
Standard

Filter status warnings
Standard

Automatic Flow Control
Standard

Advanced Carbon Filter technology
Standard

High contrast display
Standard

Independent filter condition monitoring
Standard

'Run safe' operation
Standard

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

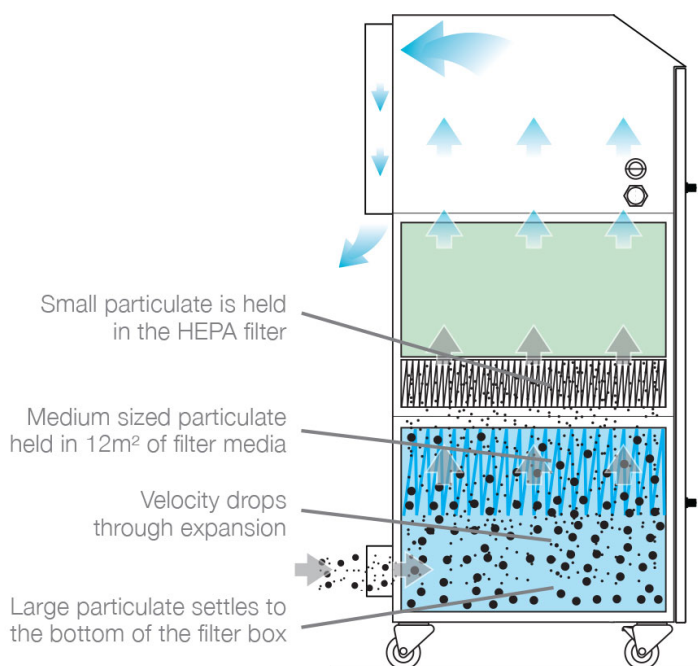## Airflow through filters

Chemical filter

HEPA filter

Pre filter

Clean air

Contaminated air

Particulate

Small particulate is held in the HEPA filter

Medium sized particulate held in 12m² of filter media

Velocity drops through expansion

Large particulate settles to the bottom of the filter box

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	380m³/hr / 96mbar	223cfm / 96mbar
Electrical data	90v - 257v 1ph 50/60Hz Full load current: 12.5 amps / 1.1kw	90v - 257v 1ph 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	CE	cUL, UL

DeepPleat DUO pre filter specifications

Surface media area	12m² approx (129.12 ft²)
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
Treated activated carbon	15kgs (33 lbs)
Filter housing	Zintec mild steel

Part numbers

Model	Part number	24V Stop / Start	Filter change / System failure signal	VOC monitor	Hose kit
AD Oracle iQ stainless steel	L1974	A2001	A2002	A2003	A1020008 75-50mm
AD Oracle iQ powder coated	L1964	A2001	A2002	A2003	A1020008 75-50mm

Replacement filters

Model	DeepPleat DUO pre filter	Combined filter
AD Oracle iQ	A1030156	A1030155