BOFA™
A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

AD 2000 iQ

LASER

Last Updated on 19.12.2018

The AD 2000 iQ laser fume extraction unit packs a heavyweight punch with unsurpassed filter capacity and high performance.

It's user friendly too, with a design that makes easy work of filter changes and the easy to read and access controls display panel is conveniently located on top of the unit.

The iQ Operating System is Patent-protected and has received global acclaim for its ability to maximise manufacturing performance and continuity of production.

The AD 2000 iQ's design also permits greater flexibility of different exhaust installations. Different exhaust configurations allow recirculation via the rear panel or externally vented hose connection systems.

More information about the Intelligent (iQ) Operating System.

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
- Patented Technology
- ProTECT service plan
- SureCHECK quality standard

Key features of the AD 2000 iQ

iQ Operating system
Standard

Reverse flow air filter technology
Standard

Blowers with high airflow and vacuum levels
Standard

Real time airflow reading
Standard

Remote diagnostics via USB
Standard

Long life filters with low replacement cost
Standard

2 x DeepPleat DUO pre filters
Standard

Combined HEPA/Gas filter incorporating ACF technology
Standard

High contrast display
Standard

Filter status warnings
Standard

Independent filter condition monitoring
Standard

'Run safe' operation (filters must be installed correctly for the unit to operate)
Standard

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https://bofainternational.com/en/portal/datasheets/ad-2000-iq/

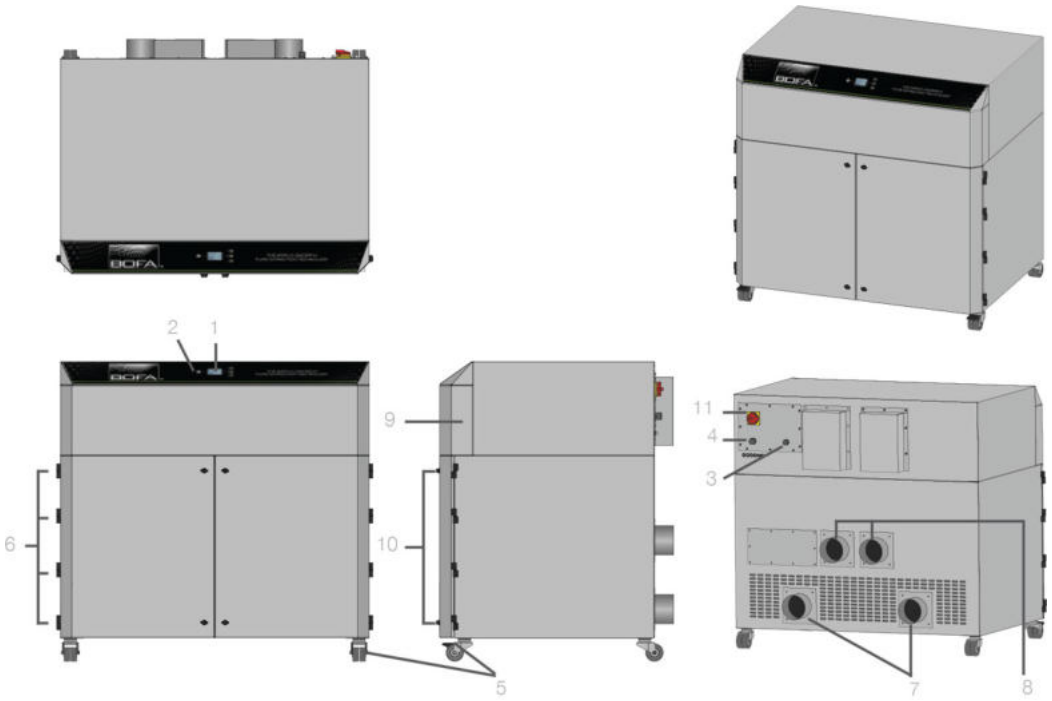
Remote stop / start interface
Optional

Filter change / System fail signal
Optional

VOC gas sensor (Volatile Organic Compound)
Optional

Technical specification

1. iQ Display
2. Standby button
3. Signal / interface cable
4. Power cable
5. Locking castors
6. Door hinges
7. Hose inlet connection - 125mm
8. Optional exhaust outlet connections - 125mm
9. Removable front panel
10 Door latches
11. On / off switch



Airflow through filters

Chemical filter

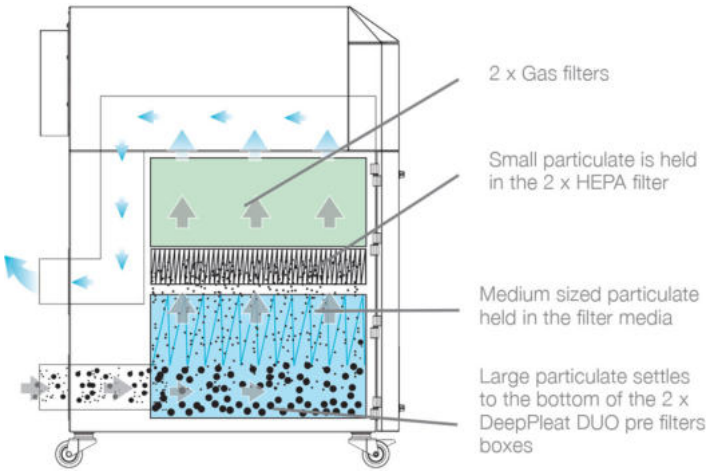
HEPA filter

Pre filter

Clean air

Contaminated air

Particulate



Technical data

	EU
Dimensions (HxWxD)	1280 x 1360 x 1005mm (50.39 x 53.54 x 39.57”)
Cabinet construction	Powder coated mild steel
Airflow / Pressure	2500m³/hr / 96mBar (1471cfm / 96mBar)
Electrical data	(EU) 415v / 3Ph / 50Hz / 6.6kw / L1, L2, L3 16A - N 28A
	(USA) 208V / 3Ph / 60Hz / 6.6kw / L1, L2, L3 20A - N 35A
Noise level	< 75dBA (at typical operating speed)
Weight	340kgs (750lbs)
Approvals	CE

2 x combined HEPA/Gas filter specifications

Surface media area	15m² (7.5m²) approx 161.4 ft² (80.7 ft²) approx
HEPA filter media	Glass fibre
HEPA media construction	Maxi pleat construction with webbing spacers
Filter housing	Zintec mild steel
Treated activated carbon	34kgs (68kgs) 74.8 lbs (149.6 lbs)
Filter efficiency	99.997% @ 0.3 microns

2 x DeepPleat DUO pre filter specifications

Surface media area	30m² approx x 2 (60m²) 322.8 ft² approx x 2 (645.6ft²)
Filter media	Glass fibre
Filter media construction	Maxi fold construction with webbing spacers
Filter housing	Zintec mild steel
Filter efficiency	95% @ 0.9 microns
Inlet size	125mm (0.41 ft)
Dropout chamber size	58 litres x 2 (116 litres)
Filter media pleat size	200mm x 2 (400mm) 0.65 ft x 2 (1.3ft)

Unit part numbers

Model	Part no.	24V Stop / Start	Filter change / System failure signal	VOC monitoring
AD 2000 iQ powder coated	L5244	A2001	A2002	A2003

Replacement filter part numbers

Model	Twin pack DeepPleat DUO pre filters	Twin pack combined HEPA/Gas filters
AD 2000 iQ	A1030336	A1030335

Other languages

AD 2000 iQ
French

Chinese

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.