BOFA™
A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

PrintPRO 500 iQ

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Mid to high end fume extraction system for wide format printers and the printing industry.

BOFA's PrintPRO 500 iQ high end extraction system combines extremely large filter capacity with high airflow and pressure rates, making it the ideal choice for heavy duty applications that generate large amounts of particulate and gaseous organic compounds.

Performance has now been further enhanced with the inclusion of several new features including BOFA's new iQ Operating System, making the new PrintPRO 500 iQ one of the most advanced system available.

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.

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
- Patented technology
- ProTECT service plan
- SureCHECK quality standard

Key features of the PrintPRO 500 iQ

iQ Operating System
Standard

High airflow and pressure rates
Standard

Reverse flow air technology
Standard

DeepPleat DUO pre-filter
Standard

Contact BOFA at **https://bofainternational.com/en/contact/**

https://bofainternational.com/en/portal/datasheets/printpro-500-iq/

Combined HEPA / gas filter incorporating ACF technology
Standard

Automatic flow control system
Standard

Independent filter condition monitoring, display and warnings
Standard

'Run safe' operation
Standard

Smart Filter technology
Optional

Remote stop / start interface
Optional

Interfacing
Optional

Filters with long life and low replacement cost
Standard

Real time airflow reading
Standard

High contrast display
Standard

Remote diagnostics via USB
Standard

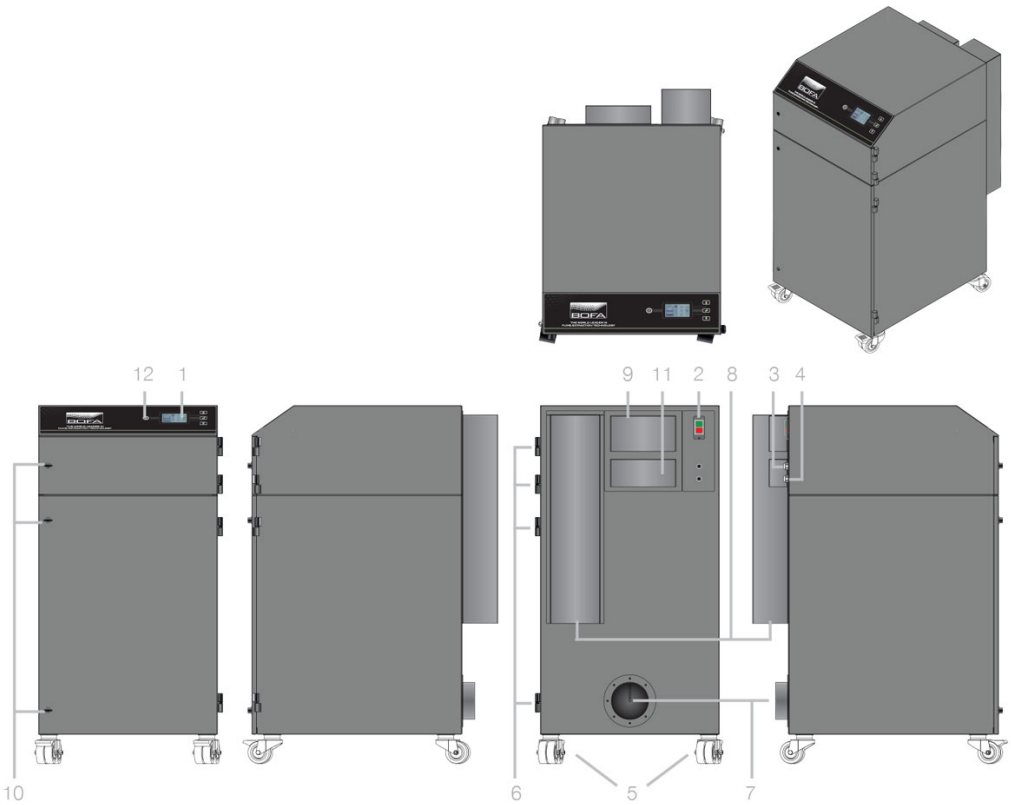
VOC gas sensor (Volatile Organic Compound)
Optional

Filter change / system fail signal
Optional

On-board compressor
Optional

Technical specification

1. iQ display
2. On / off switch
3. Power cable
4. Signal / interface cable
5. Castors
6. Door hinges
7. Hose inlet connection - 125mm
8. Exhaust outlet
9. Motor cooling inlet
10. Door latch
11. Motor cooling outlet
12. Standby button



Airflow through filters

Chemical filter

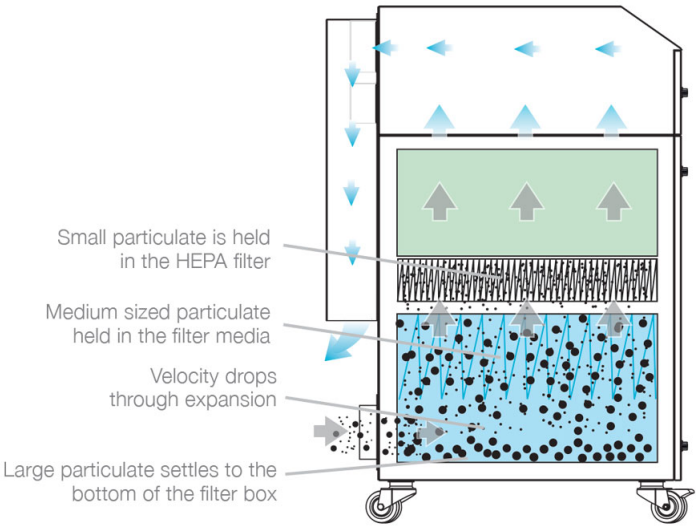
HEPA filter

Pre-filter

Clean air

Contaminated air

Particulate



Technical data

	EU	US
Dimensions (HxWxD)	1205 x 615 x 790mm	47.44 x 24.22 x 31.10”
Cabinet construction	Brushed stainless steel / powder coated mild steel	Brushed stainless steel / powder coated mild steel
Airflow / pressure	550m³/hr / 100mbar	324cfm / 100mbar
Electrical data	230v Single-phase 1~ 50/60Hz Full load current: 9.5 amps / 1.1kw	115v 60/50Hz Full load current: 14.8 amps / 1.1kw
Noise level	< 63dBA (at typical operating speed)	< 63dBA (at typical operating speed)
Weight	146kgs	322lbs
Approvals	UKCA and CE	cUL | UL *

Deeppleat pre-filter specifications

Surface media area	30m² approx (322.8 ft²)
Filter media	Borosilicate
Filter media construction	Maxi pleat construction with glue bead spacers
Filter housing	Zintec mild steel
Filter efficiency	95% @ 0.9 microns
Inlet size	125mm
Dropout chamber size	58 litres
Filter media pleat size	200mm

Combined HEPA / gas filter specifications

Surface media area	7.5m² approx (80.7 ft²)
HEPA filter media	Borosilicate
HEPA media construction	Maxi pleat construction with glue bead spacers
Filter housing	Zintec mild steel

Combined HEPA / gas filter specifications

Treated activated carbon	34kgs (74.8 lbs)
Filter efficiency	99.997% @ 0.3 microns

Unit part numbers

Model	Voltage	Part no.
PrintPRO 500 iQ **Powder coated**	230V	L4262
PrintPRO 500 iQ **Powder coated**	115V	L4261

Options

Model	Voltage	24V stop / start	Filter change / system failure signal	VOC monitoring	On-board compressor
PrintPRO 500 iQ powder coated	230V	A2001	A2002	A2003	A2007
PrintPRO 500 iQ powder coated	115V	A2001	A2002	A2003	A2007

Replacement filter part numbers

Model	Part no.	Combined HEPA / gas filter
PrintPRO 500 iQ	A1030222	A1030304

* Tested to UL and cUL standards, but testing may be provided by alternate nationally recognised test laboratories. Certain product configurations may affect the UL certification. Please speak to your sales representative.

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.