



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.

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 our most advanced systems 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

Reverse flow air technology
Standard

Combined HEPA / gas filter incorporating ACF technology
Standard

Automatic flow control system
Standard

High airflow and pressure rates
Standard

DeepPleat DUO pre-filter
Standard

Filters with long life and low replacement cost
Standard

Real time airflow reading
Standard

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

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



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

Independent filter condition monitoring, display and warnings

Standard

'Run safe' operation

Standard

Smart Filter technology

Optional

Remote stop / start interface

Optional

Interfacing

Optional

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

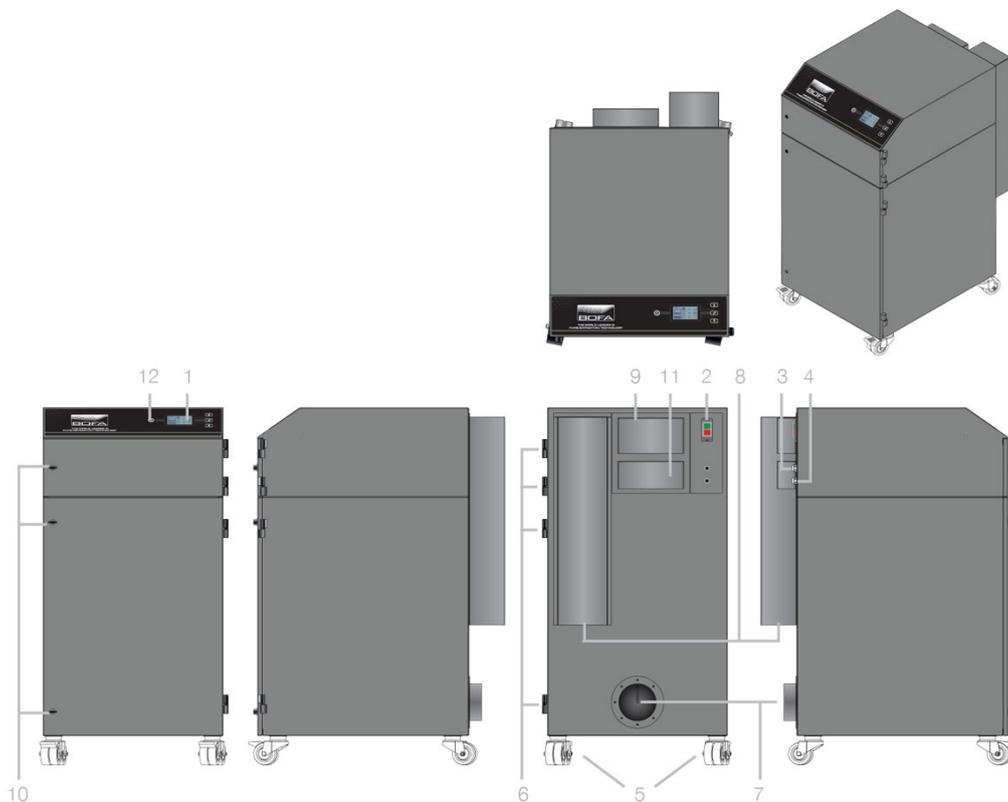
8. Exhaust outlet

9. Motor cooling inlet

10. Door latch

11. Motor cooling outlet

12. Standby button



Airflow through filters



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	550m ³ /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	30m ² approx (322.8 ft ²)
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	7.5m ² approx (80.7 ft ²)
HEPA filter media	Borosilicate
HEPA media construction	Maxi pleat construction with glue bead spacers
Filter housing	Zintec mild steel
Treated activated carbon	34kgs (74.8 lbs)

Combined HEPA / gas filter specifications

Filter efficiency	99.997% @ 0.3 microns
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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 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.

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