



A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

# PrintPRO 1000 iQ

Last Updated on 02.02.2022



The high-end fume extraction system for wide format printers and the printing industry.

BOFA's PrintPRO 1000 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 1000 iQ one of our most advanced systems available.

The iQ system takes performance 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 1000 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-1000-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

**VOC gas sensor (Volatile Organic Compound)**

Optional

**Filter change / system fail signal**

Optional

**On-board compressor**

Optional

**High contrast display**

Standard

**Remote diagnostics via USB**

Standard

**Remote stop / start interface**

Optional

**Interfacing**

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

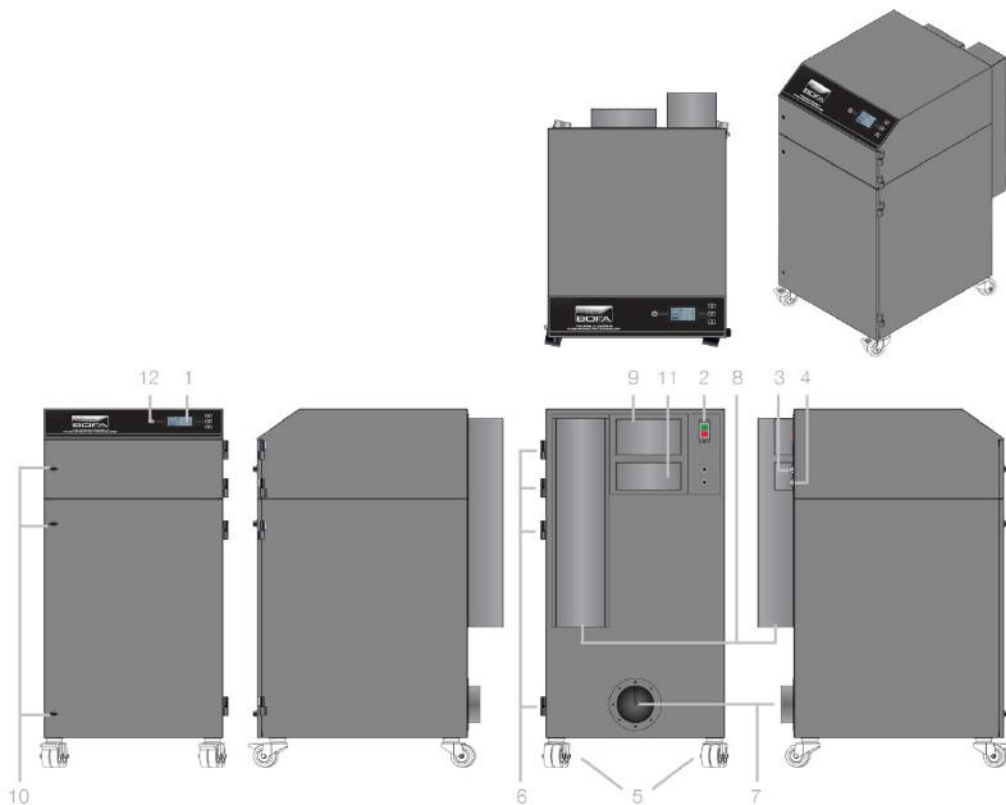
8. Exhaust outlet

9. Motor cooling inlet

10. Door latch

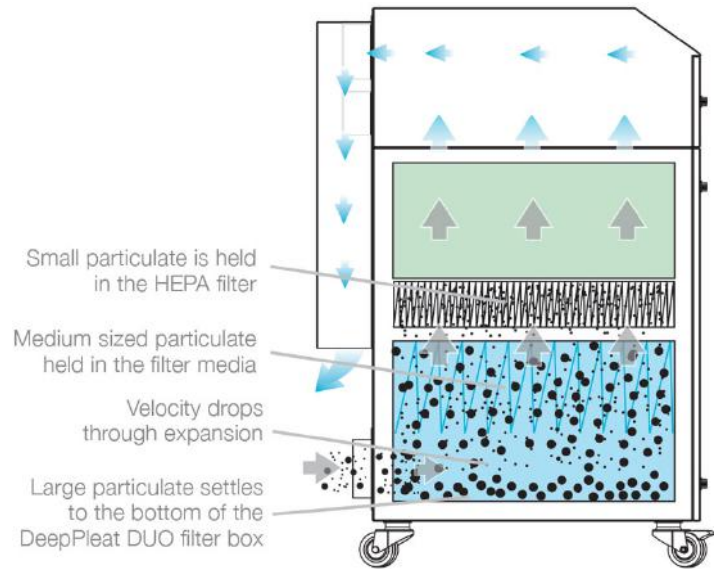
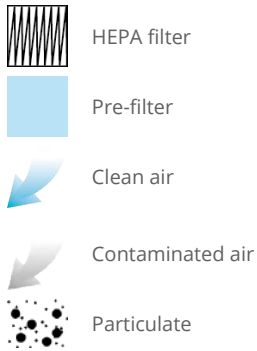
11. Motor cooling outlet

12. Standby button



### Airflow through filters

Chemical filter



### 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	850m <sup>3</sup> /hr / 100mbar	500cfm / 100mbar
Electrical data	230v Single-phase 1~ 50/60Hz Full load current: 12.8 amps / 2.2kw	115v 60/50Hz Full load current: 19.5 amps / 2.2kw
Noise level	< 75dBA (at typical operating speed)	< 75dBA (at typical operating speed)
Weight	146kgs	322lbs
Approvals	UKCA and CE	cUL, UL*

### Deeppleat pre-filter specifications

Surface media area	30m <sup>2</sup> approx (322.8 ft <sup>2</sup> )
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 (0.41ft)
Dropout chamber size	58 litres
Filter media pleat size	200mm (0.65ft)

### Combined HEPA / gas filter specifications

Surface media area	7.5m <sup>2</sup> approx (80.7 ft <sup>2</sup> )
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 1000 iQ Powder coated	230V	L4362
	115V	L4361

## Options

Model	24V stop / start	Filter change / system failure signal	VOC monitoring	On-board compressor
PrintPRO 1000 iQ Powder coated	A2001	A2002	A2003	A2007

## Replacement filter part numbers

Model	Part no.	Combined HEPA / gas filter
PrintPRO 1000 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.

*Think before you print! Please consider the environment before printing this document.*

