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

High airflow and pressure rates
Standard

Reverse flow air technology
Standard

DeepPleat DUO pre-filter
Standard

Combined HEPA / gas filter incorporating ACF technology
Standard

Filters with long life and low replacement cost
Standard

Automatic flow control system
Standard

Real time airflow reading
Standard

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

https://bofainternational.com/en/portal/datasheets/printpro-1000-iq/

Independent filter condition monitoring, display and warnings Standard	**High contrast display** Standard
'Run safe' operation Standard	**Remote diagnostics via USB** Standard
VOC gas sensor (Volatile Organic Compound) Optional	**Remote stop / start interface** Optional
Filter change / system fail signal Optional	**Interfacing** 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
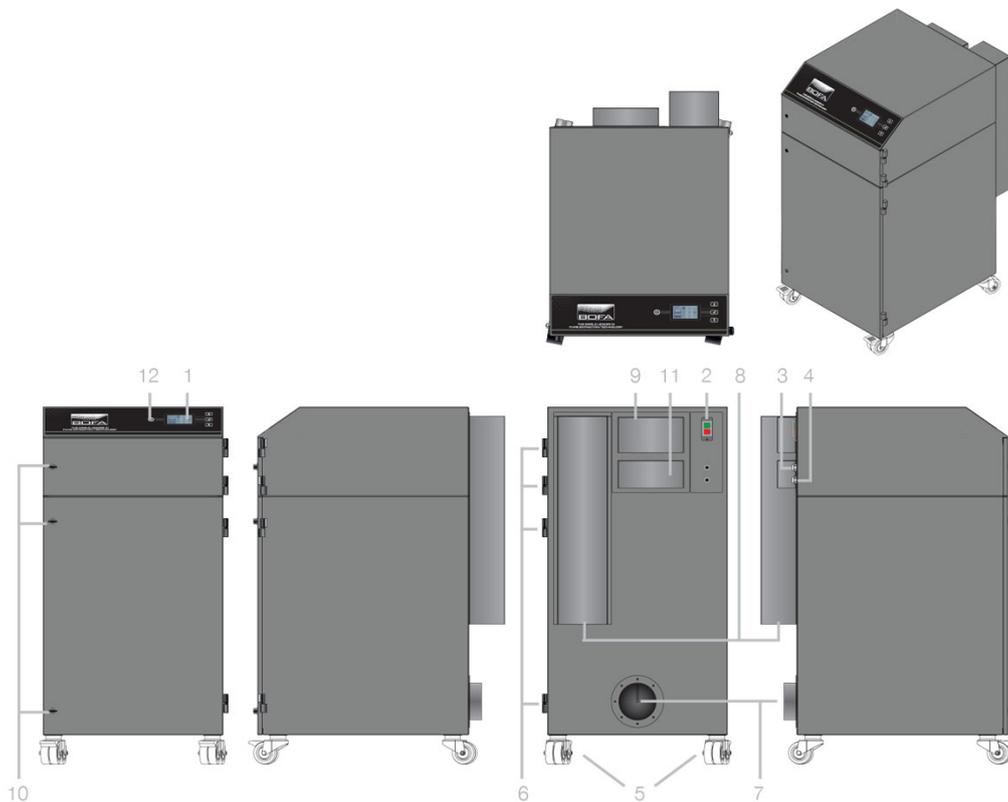
Airflow through filters

Chemical filter

	HEPA filter
	Pre-filter
	Clean air
	Contaminated air
	Particulate

Small particulate is held in the HEPA filter

Medium sized particulate held in the filter media

Velocity drops through expansion

Large particulate settles to the bottom of the DeepPleat DUO filter box
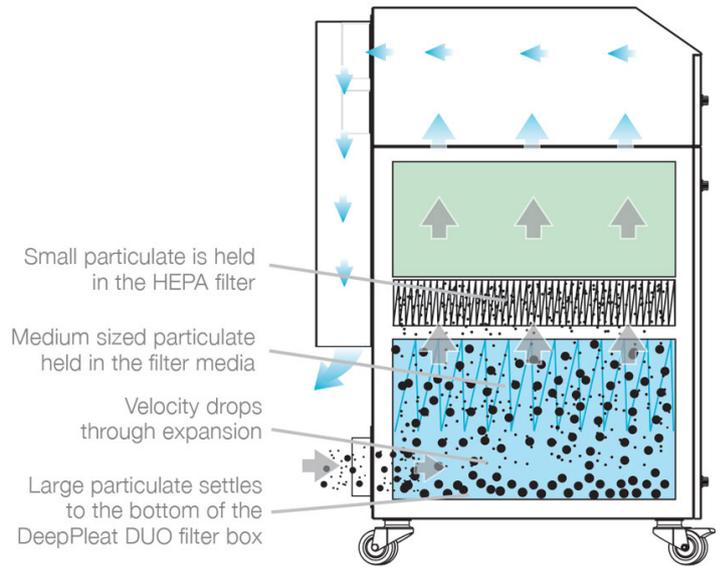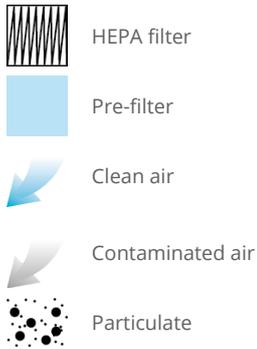
Technical data

	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	850m³/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	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 (0.41ft)
Dropout chamber size	58 litres
Filter media pleat size	200mm (0.65ft)

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 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.

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