



A Donaldson Company

A WORLD LEADER IN FUME
EXTRACTION TECHNOLOGY

3D PrintPRO 4

3D PRINTING

Last Updated on 30.08.2018



For large enclosed 3D printers

The BOFA 3D PrintPRO 4 provides a high fume evacuation and filtration rate when connected to a large enclosed 3D printer via its extraction offtake point. The system can also return the ultra clean, filtered air either back to the printer enclosure for a cleaner print area or to the operator's breathing zone.

The BOFA 3D PrintPRO 4 combines high flow rate with speed control within a compact free standing unit.

Technology



DeepPleat pre
filter



HEPA filter



Reverse flow air
(RFA) technology



Advanced carbon
filter (ACF)
technology



ProTECT service
plan



SureCHECK
quality standard

Key features of the 3D PrintPRO 4

Digital speed control
Standard

3 level filtration - Pre and HEPA/chemical filters
Standard

Low noise level
Standard

Small footprint
Standard

CE approvals
Standard

Filter signal
Optional

Filter change indicator
Standard

Hose kit included
Standard

Powder coated for durability
Standard

Compact size
Standard

24V remote stop/ start interface
Optional

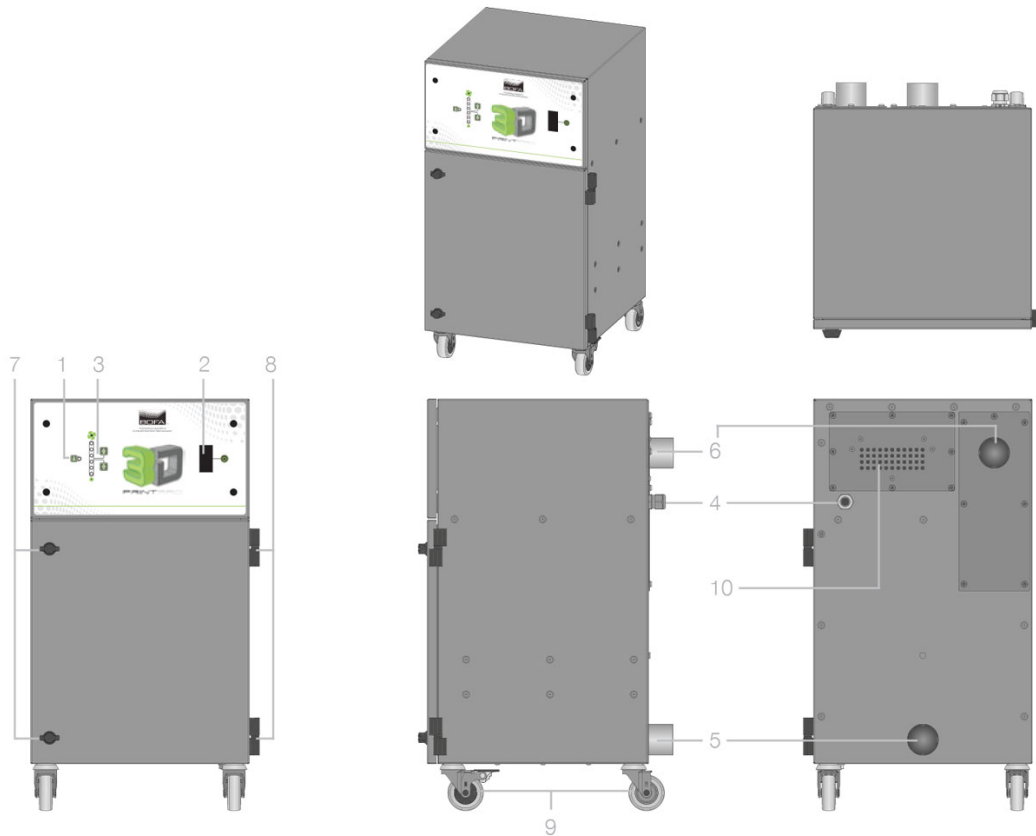
Contact BOFA at <https://bofainternational.com/en/contact/>

<https://bofainternational.com/en/portal/datasheets/3d-printpro-4/>



Technical specification

- | | | | |
|----------------------------------|--------------------------|--------------------------|----------------------|
| 1. Filter change indicator | 2. On / Off switch | 3. Digital speed control | 4. Power cable inlet |
| 5. Hose inlet connections - 50mm | 6. Exhaust outlet - 50mm | 7. Door latches | 8. Door hinges |
| 9. Castors | 10. Motor cooling inlet | | |

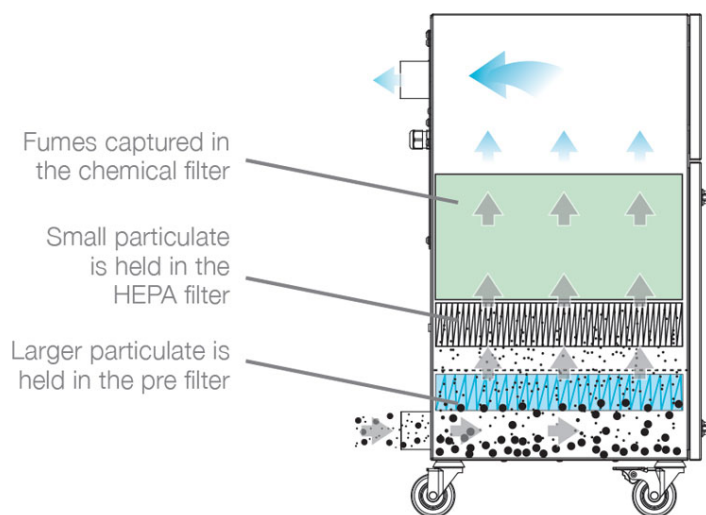
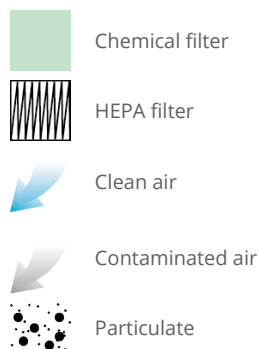


Hose kit specification

- | | |
|------------------|------------------------------|
| 1. 50mm cuff x 2 | 2. 50mm x 1.5m flexible hose |
|------------------|------------------------------|



Airflow through filters



Technical data

	EU	US
Dimensions (HxWxD)	670 x 375 x 410mm	26.38 x 14.76 x 16.14"
Cabinet construction	Powder coated mild steel	Powder coated mild steel
Airflow / pressure	165m3/hr	97cfm
Electrical data	230v 1ph 50/60Hz Full load current: 1.0amps	115v 60/50Hz Full load current: 1.1amps
Noise level	< 55dBA (at typical operating speed)	< 55dBA (at typical operating speed)
Weight	32kgs	70lbs
Approvals	CE	CE

DeepPleat pre filter specifications

Surface media area	1.74m ² approx (18.7ft ²)
Filter media	Glass fibre
Filter media construction	50mm maxi fold construction with webbing spacers

Combined HEPA / Gas Filter Specifications

Filter efficiency	95% @ 0.9 microns
HEPA filter media	Glass fibre
HEPA media construction	50mm maxi fold construction with webbing spacers
Filter housing	Zintec mild steel
Treated activated carbon	6.75kgs (14.85 lbs)
Filter efficiency	99.997% @ 0.3 microns

Unit part numbers

Model	Voltage	Part no.	Options
3D PrintPRO 4 Powder coated	230V	L5644	24v Stop/Start

Unit part numbers

3D PrintPRO 4 Powder coated	115V	L5645	A2001
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Replacement filter part numbers

Model	Part No.	Combined HEPA / Gas filter
3D PrintPRO 4	A1030153	A1030191

Datasheet correct at time of publishing.

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.

