BOFA™
A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

ABI
ABERNETHY BECK INC

3D PrintPRO 4

Last Updated on 02.02.2022

For large format and high-performance 3D printers

The refreshed BOFA 3D PrintPRO 4 provides a premium fume extraction solution for high performing 3D printers. With a special blend of chemical adsorbents and high efficiency particulate filter (HEPA), the extractor delivers protection against emissions from 3D printing processes.

Print your own connectors and extendable manifolds 3D drawing files can be found at: bofainternational.com/en/print-your-own

Technology

- HEPA filter
- Advanced carbon filter (ACF) technology
- Multi voltage sensing (MVS) unit
- ProTECT service plan
- SureCHECK quality standard

Key features of the 3D PrintPRO 4

Multi layer filtration - HEPA and gas filters
Standard

Low noise level
Standard

Filter change indicator
Standard

Auto sensing voltage (100-230v) for global use
Standard

24V remote stop / start interface
Optional

Gas sensing technology
Optional

Extended life filters for low cost of ownership
Standard

Compact construction
Standard

Lockable castors
Standard

UL / CE approvals
Standard

Filter status signals to host machine
Optional

Silencer box with spigot
Optional

Technical specification

1. Digital speed control
2. On / off switch
3. Filter condition display
4. Power cable inlet
5. Lid fastening latches
6. Handles
7. Hose inlet connections - 75mm
8. Exhaust outlet

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

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

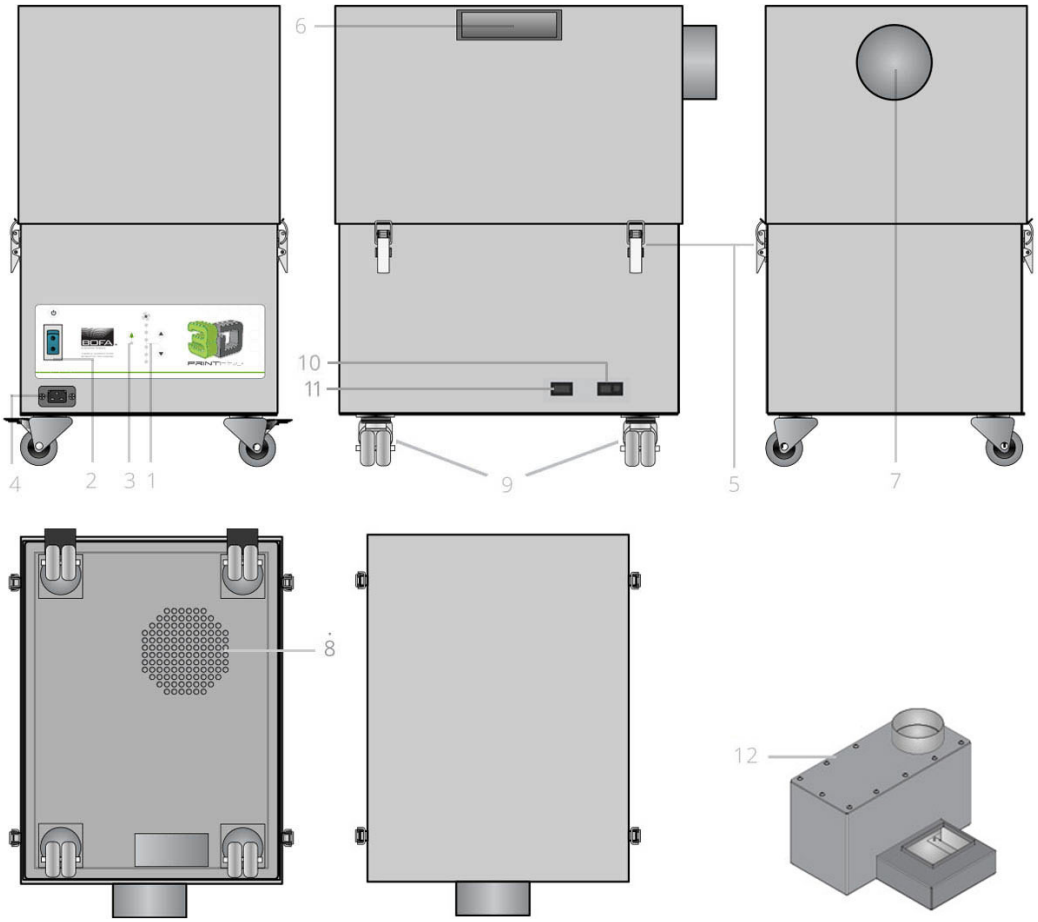
Approvals: REACH and RoHS. See individual product technical data for specific accreditations

9. Castors

10. Override switch

11. Signal interface

12. Optional silencer box with spigot



Airflow through filters

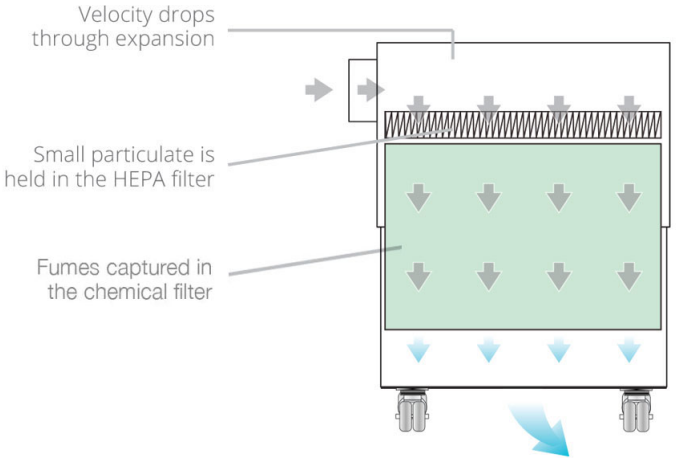
Chemical filter

HEPA filter

Clean air

Contaminated air

Particulate



Technical data

	EU	US
Dimensions (HxWxD)	625 x 385 x 525	24.60 x 15.16 x 20.67"
Cabinet construction	Powder coated mild steel	Powder coated mild steel

Technical data

Min airflow	50m³/hr	30cfm
Max airflow	270m³/hr	159cfm
Maximum available vacuum	100 mBar	100 mBar
Electrical data	230v 50/60Hz Full load current: 8.8amps	115v 60/50Hz Full load current: 9.5amps
Noise level	< 75dBA (at typical operating speed)	< 75dBA (at typical operating speed)
Weight	51kgs	113lbs
Approvals	UKCA / CE	cUL / UL*

HEPA / gas filter specification

Treated activated carbon blend	10.6kg approx (23lbs)
Other adsorbents	5kg approx (11lbs)
Particulate filter media	Borosilicate
Particulate media construction	50mm maxi pleat construction with glue bead spacers (0.16ft)
Filter housing	Zintec mild steel
Media surface area	3.5m² approx (37.66ft²)
Filter efficiency	99.997% @ 0.3µms

Unit part numbers

Model	Powder coated	OPTION: 24V start / stop + override	OPTION: Filter condition signal	OPTION: VOC sensor	Part number
3D PrintPRO 4	YES	NO	NO	NO	**UK** - 376002-2127 **EU**- 5376002-2127 **US** - 10376002-2127
3D PrintPRO 4	YES	YES	YES	YES	**UK** - 12750376002-2127 **EU** - 12755376002-2127 **US** - 12760376002-2127

Replacement filter part numbers

Model	Combined filter
3D PrintPRO 4	A1030469

Optional silencer box

Model	Silencer box with spigot
Part number	A1060052

* 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.

**Premium filter is included as standard.

Other languages

3D PrintPRO 4
German

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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