BOFA™
A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

ABI
ABERNETHY BECK INC

3D PrintPRO 3

Last Updated on 02.02.2022

For table top enclosed/partially enclosed 3D printer.

The BOFA 3D PrintPRO 3 incorporates externally mounted plenum system manifolds, which filter fumes generated during the printing process, helping you maintain a clean, healthy working environment.

The BOFA 3D PrintPRO 3 has the benefits of low cost, low power consumption and integral speed control. Each filtration unit is supplied with connection hoses and 'print your own' manifold instructions.

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 unit (MVS)
- ProTECT service plan
- SureCHECK quality standard

Key features of the 3D PrintPRO 3

Digital speed control
Standard

3 level filtration - Pre and HEPA/chemical filters
Standard

Low noise level
Standard

Small footprint
Standard

24V remote stop / start interface
Optional

Filter change indicator
Standard

Hose kit included
Standard

Powder coated for durability
Standard

Compact size
Standard

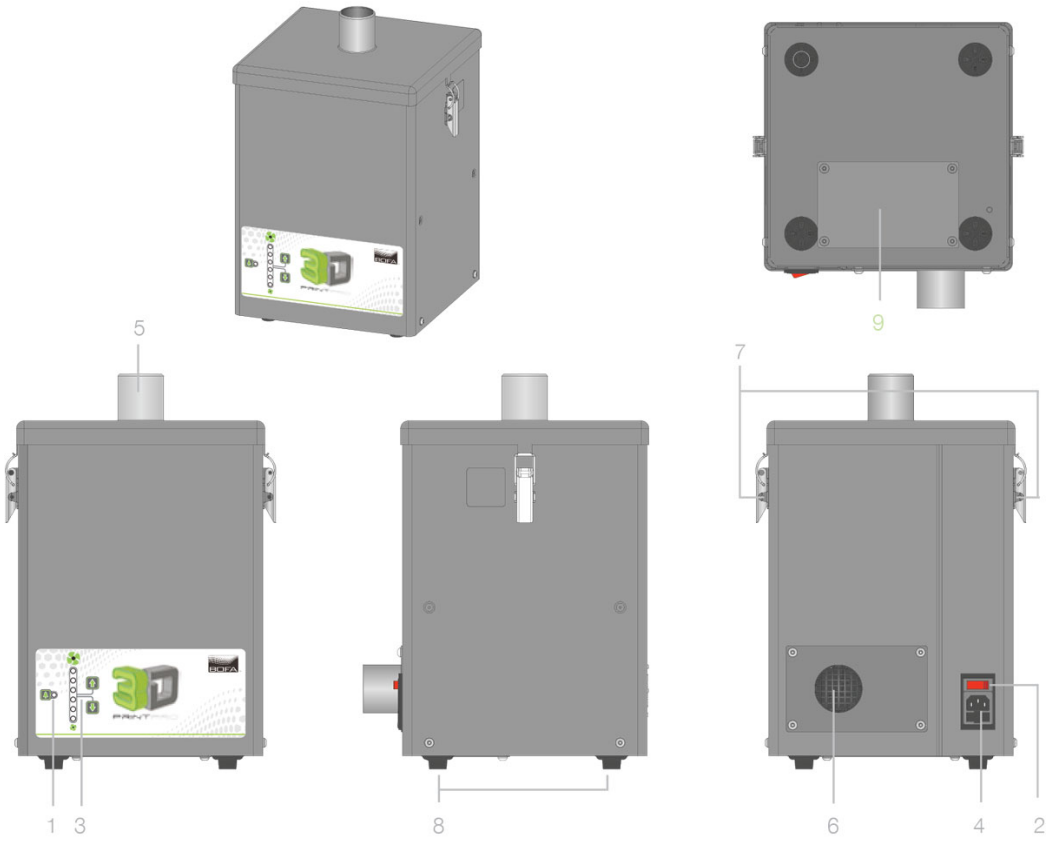
Technical specification

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. Lid fastening latches
8. Feet
9. Optional base exhaust outlet

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

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

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

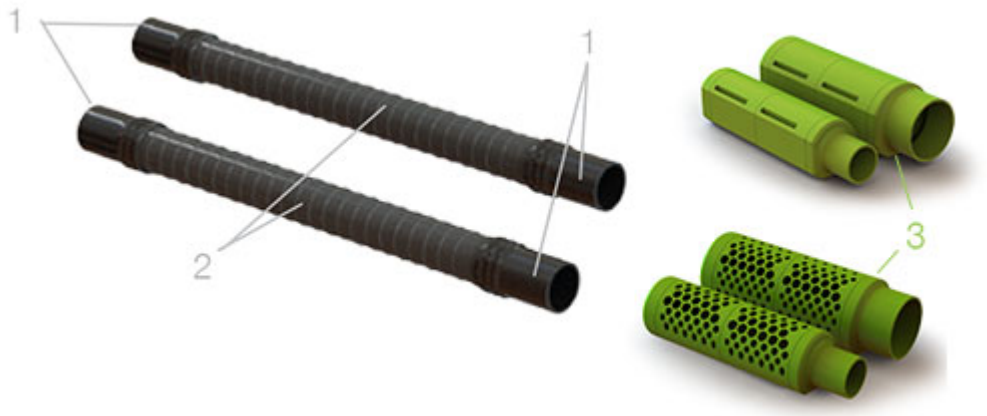


Hose kit specification

1. 50mm cuff (x2 exhaust hose / x2 return air hose)

2. 50mm x 1m flexible hose (x2)

3. 'Print your own' inlet/outlet manifolds (not supplied with hose kit)



Airflow through filters

Chemical filter

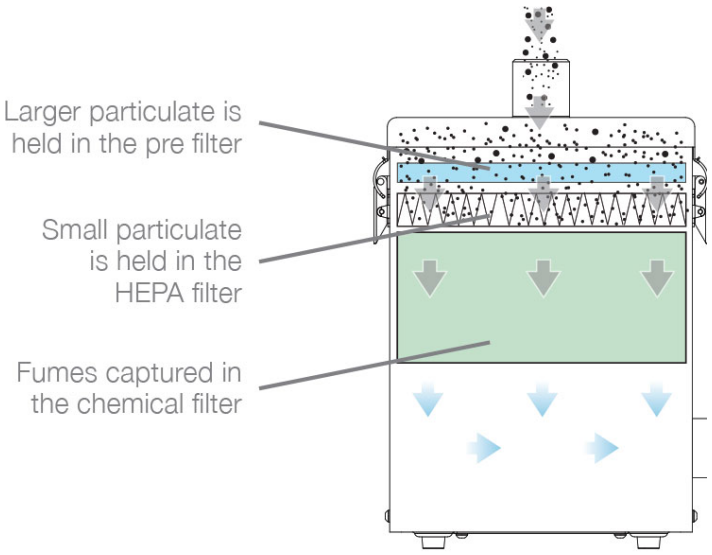
HEPA filter

Pre-filter

Clean air

Contaminated air

Particulate



Technical data

	EU	US
Dimensions (HxWxD)	400 x 290 x 300mm	15.75 x 11.42 x 11.81”
Cabinet construction	Powder coated mild steel	Powder coated mild steel
Airflow / pressure	120m³/hr / 20 mBar	70 CFM / 20 mBar
Electrical data	230v Single-phase 1~ 50/60Hz Full load current: 0.7 amps	115v 60/50Hz Full load current: 1.3 amps
Noise level	<57dBA (at typical operating speed)	<57dBA (at typical operating speed)
Weight	11kgs	24.2lbs
Approvals	UKCA and CE	UKCA and CE

Pre-filter specifications

Filter media	Polypropylene, Acrylic
Filter media construction	Pad
Filter efficiency	96% @ 2 microns

Combined HEPA / gas filter specifications

HEPA filter media	Borosilicate
HEPA media construction	Maxi pleat construction with glue bead spacers
Gas filter	Treated activated carbon
Filter housing	Zintec mild steel
Filter efficiency	99.997% @ 0.3 microns

Part numbers

Model	Part number	Optional 24v stop / start
3D PrintPRO 3 Powder coated	L5544-0000	A2001

Replacement filter part numbers		
Model	**Pre-filter**	**Combined HEPA / gas filter**
3D PrintPRO 3	A1030102	A1030099

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.

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