



A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

# 3D PrintPRO 3

## 3D PRINTING

Last Updated on 30.08.2018



For table top enclosed/partially enclosed 3D printer.

The BOFA 3D PrintPRO 3 incorporates externally mounted plenum system manifolds, which effectively captures fumes generated during the printing process and returns ultra clean, filtered air to the operator's breathing zone.

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 extendable manifolds 3D drawing files can be found at: [bofainternational.com/en/print-your-own](http://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

Compact size  
Standard

Filter change indicator  
Standard

Hose kit included  
Standard

Powder coated for durability  
Standard

Compact size  
Standard

24V remote stop/ start interface  
Optional

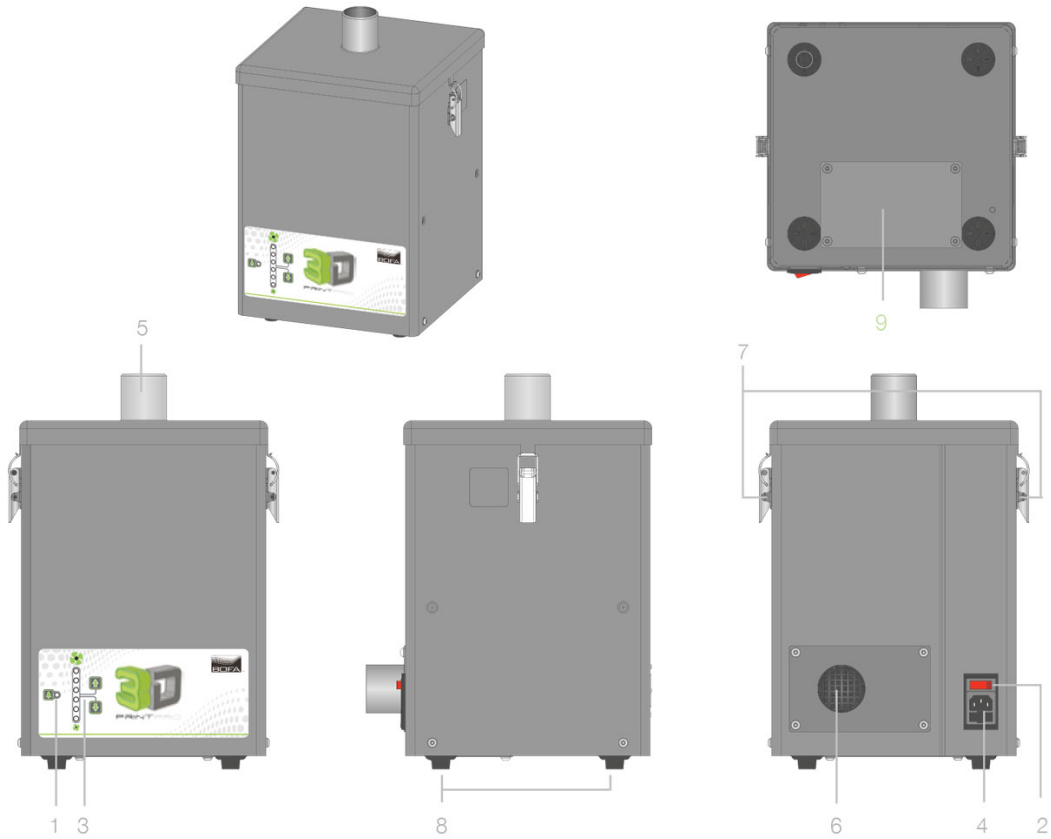
Contact BOFA at <https://bofainternational.com/en/contact/>

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



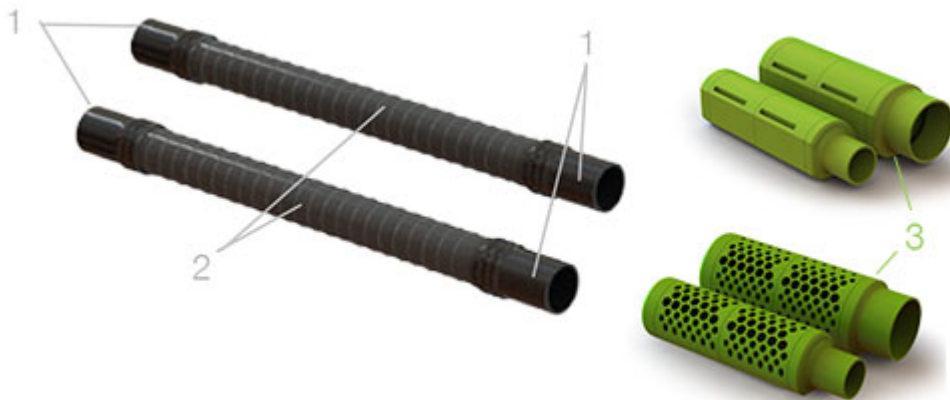
## Technical specification

- 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

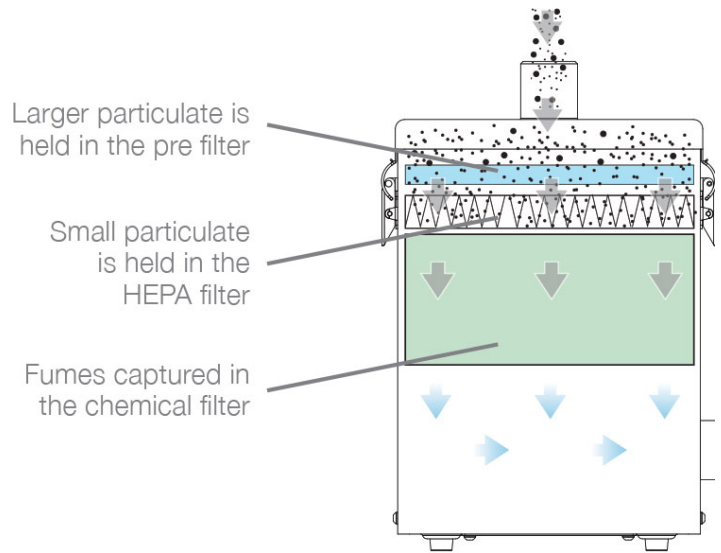
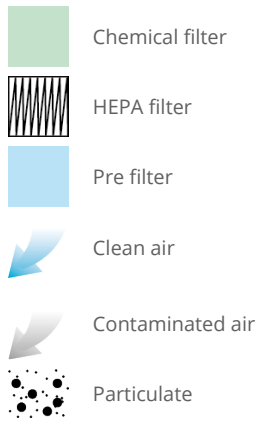


## Hose kit specification

- 1. 50mm cuff (x 2 Exhaust hose / x 2 Return air hose)
- 2. 50mm x 1 m flexible hose (x 2)
- 3. 'Print your own' inlet/outlet manifolds (not supplied with hose kit)



## Airflow through filters



### 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	150m <sup>3</sup> /hr	88cfm
Electrical data	230v 1ph 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	CE	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	Glass fibre
HEPA media construction	Maxi pleat construction with webbing 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	Part number	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 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.*

