



A Donaldson Company

A WORLD LEADER IN FUME
EXTRACTION TECHNOLOGY

3D PrintPRO 1

3D PRINTING

Last Updated on 27.07.2020



For desktop 3D printers.

The BOFA 3D PrintPRO 1 is a low cost unit, which extracts fumes generated by a 3D printer without causing the filament deposition area to be cooled.

It has the benefits of low noise level and minimal power consumption. Each unit is supplied with a connection hose.

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 1

2 level filtration - HEPA and chemical filter
Standard

Low noise level
Standard

Small footprint
Standard

Remote stop / start interface
Standard

Hose kit included
Standard

Powder coated for durability
Standard

Compact size
Standard

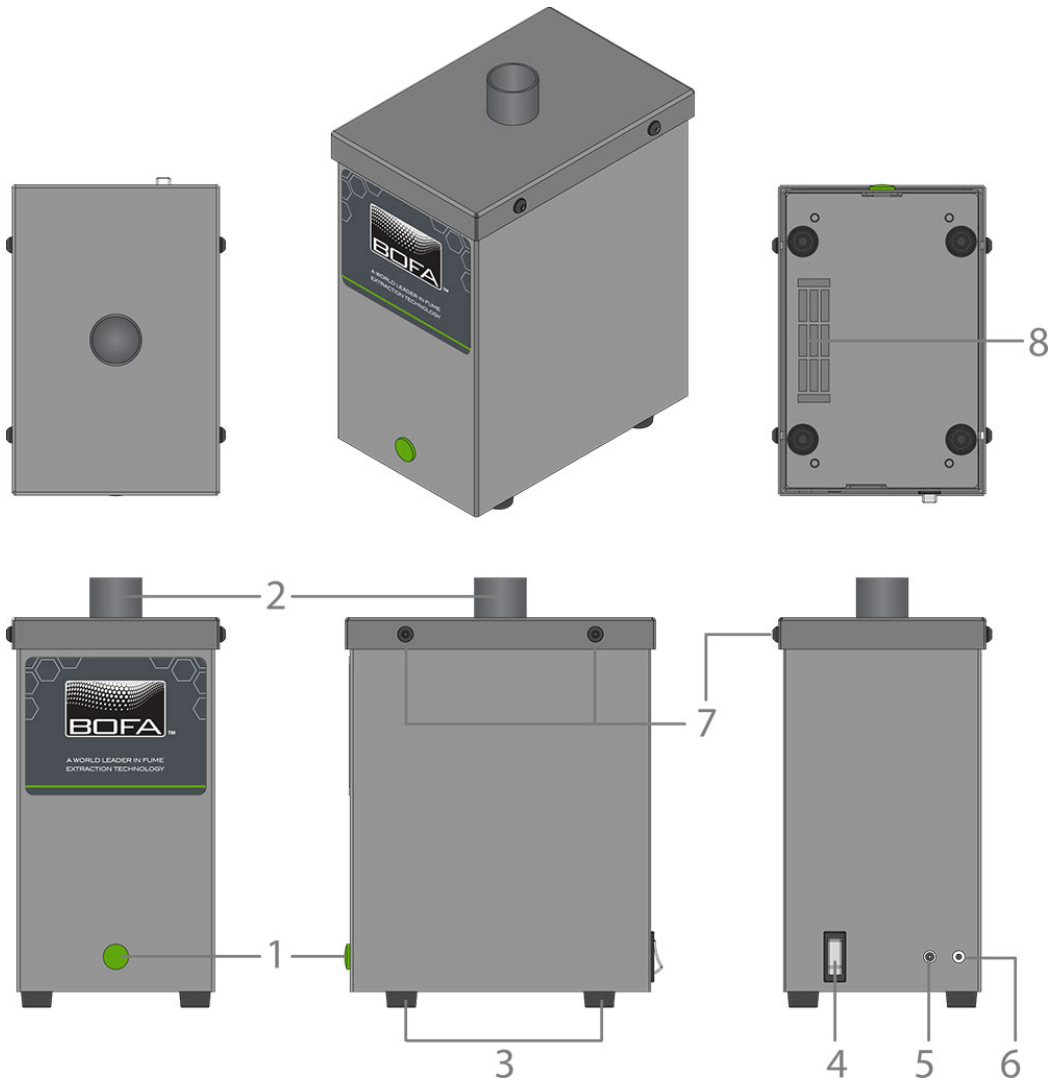
Contact BOFA at <https://bofainternational.com/en/contact/>

<https://bofainternational.com/en/portal/datasheets/3d-printpro-1/>



Technical specification

- | | | | |
|----------------------------|------------------------------------|-------------------------|--------------------|
| 1. Unit running indicator | 2. Hose inlet connection - 32mm | 3. Feet | 4. Override switch |
| 5. 12V DC inlet connection | 6. Stop/Start interface connection | 7. Lid fastening screws | 8. Exhaust outlet |

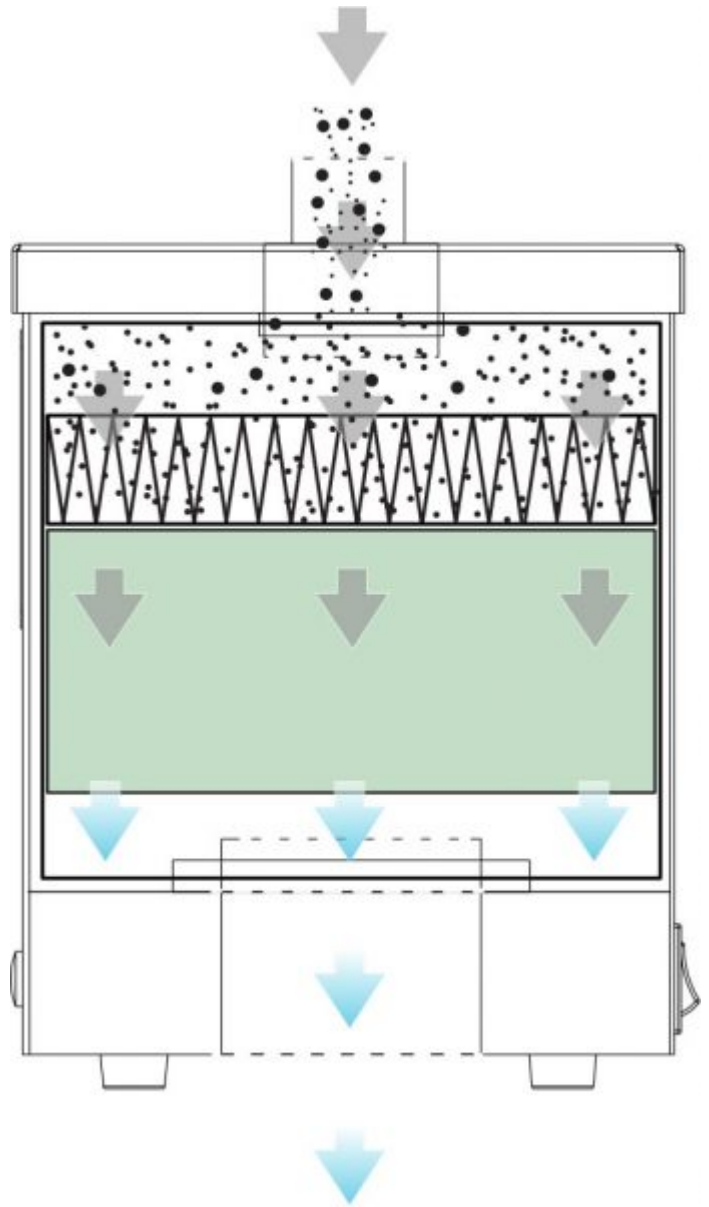
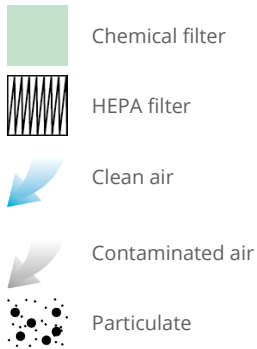


Included Hose kit technical specification

- | | |
|----------------------------|--------------|
| 1. 32mm x 1m flexible hose | 2. Cuffs x 2 |
|----------------------------|--------------|



Airflow through filters



Technical data

	EU	US
Dimensions (HxWxD)	271 x 138 x 200mm	10.67 x 5.4 x 7.88"
Cabinet construction	Powder coated mild steel	Powder coated mild steel
Airflow / pressure	25m ³ /hr	14cfm
Electrical data	90-264v 1ph 50/60Hz Full load current: 0.5 amps	90-264v 1ph 50/60Hz Full load current: 0.5 amps
Noise level	< 54dBA (at typical operating speed)	< 54dBA (at typical operating speed)
Weight	6.3kgs	13.9lbs
Approvals	CE	CE

Combined HEPA / Gas filter specifications

HEPA filter media

Borosilicate

Combined HEPA / Gas filter specifications

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

Unit part number

Model	Part number
3D PrintPRO 1 Powder coated	30361170-2016

Replacement filter part number

Model	Combined HEPA/Gas filter
3D PrintPRO 1	A1030451

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.

