



A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

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 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

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

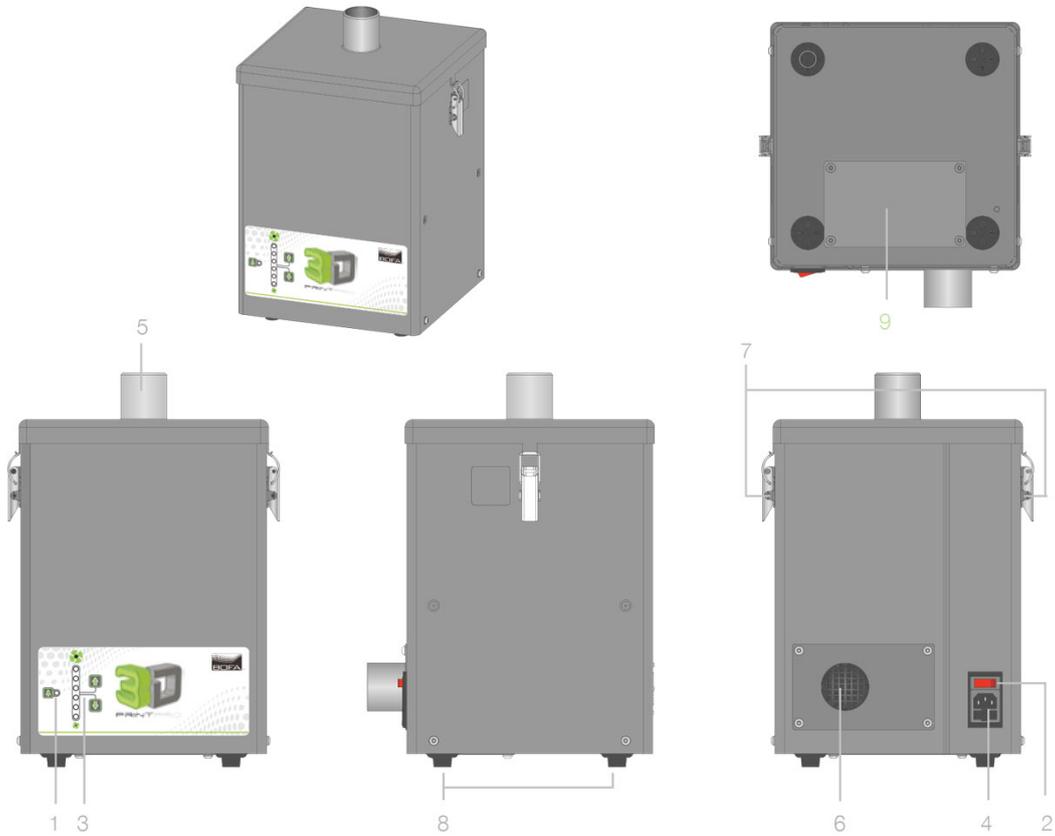
Contact BOFA at <https://bofainternational.com/en/contact/>
<https://bofainternational.com/en/portal/datasheets/3d-printpro-3/>



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

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

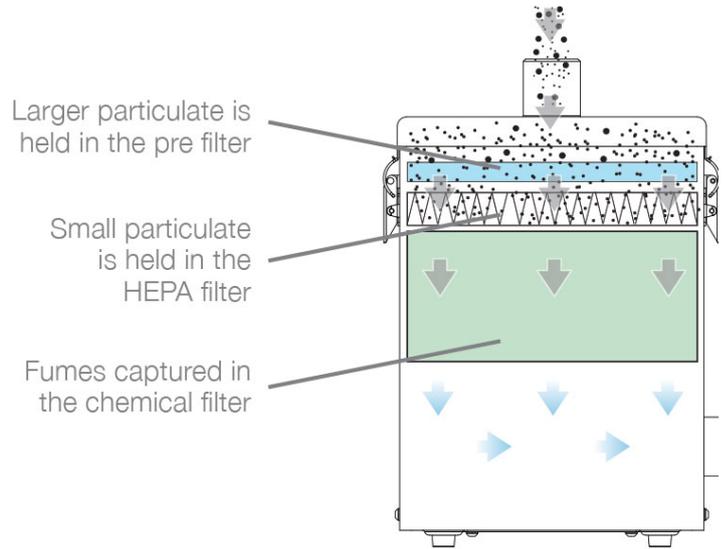
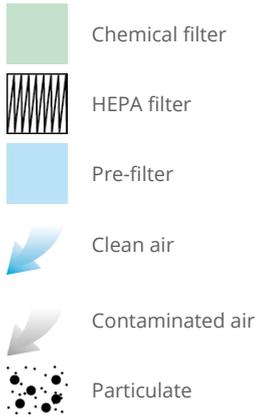


Hose kit specification

- 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 | 120m ³ /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.

