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

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
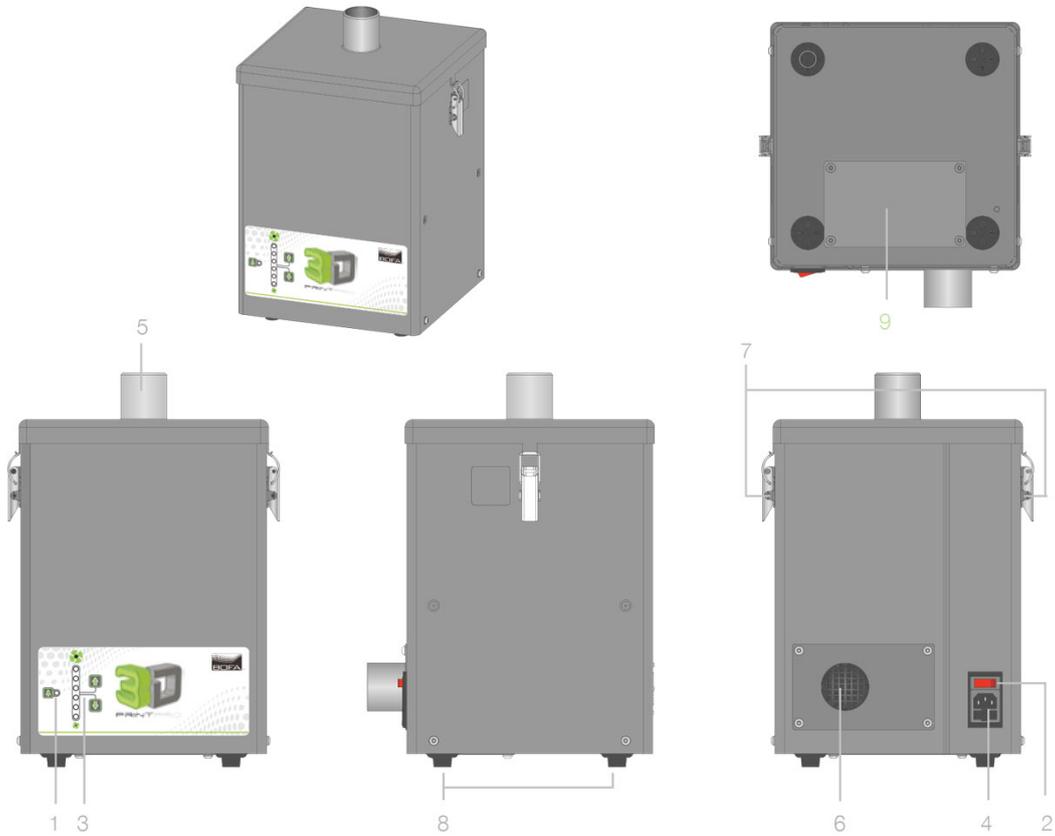
24V remote stop/ start interface
Optional

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

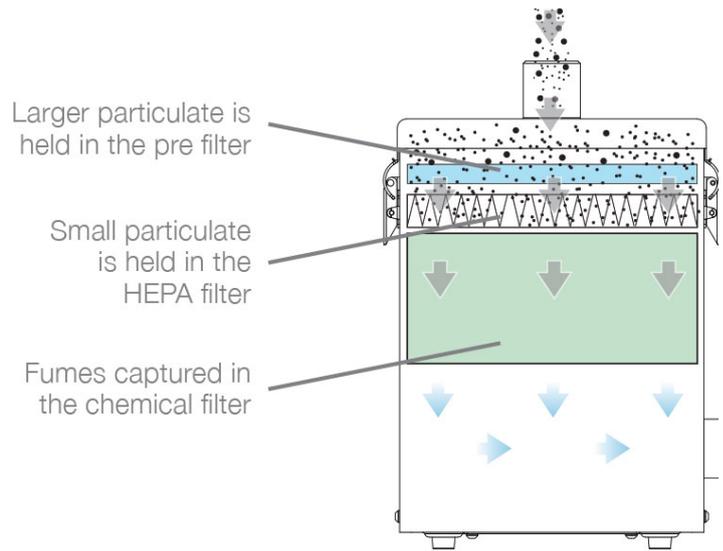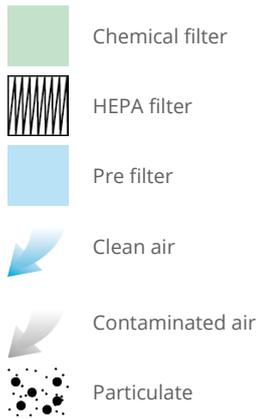**8.** Feet

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

- Chemical filter
- HEPA filter
- Pre filter
- Clean air
- Contaminated air
- Particulate

Larger particulate is held in the pre filter

Small particulate is held in the HEPA filter

Fumes captured in the chemical filter

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

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	150m3/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

Combined HEPA / Gas filter specifications

Gas filter	Treated activated carbon
Filter housing	Zintec mild steel
Filter efficiency	99.997% @ 0.3 microns

Datasheet correct at time of publishing. For specific applications, please contact us for details.