



A Donaldson Company

A WORLD LEADER IN FUME  
EXTRACTION TECHNOLOGY

## 3D PrintPRO 4

### 3D PRINTING

Last Updated on 30.08.2018



### For large enclosed 3D printers

The BOFA 3D PrintPRO 4 provides a high fume extraction and filtration rate when connected to a large enclosed 3D printer via its extraction take off point. The system can also return the ultra clean, filtered air either back to the printer enclosure for a cleaner print area or to the operator's breathing zone.

The BOFA 3D PrintPRO 4 combines high flow rate with speed control within a compact free standing unit.

### Technology



DeepPleat pre-  
filter



HEPA filter



Reverse flow air  
(RFA) technology



Advanced carbon  
filter (ACF)  
technology



ProTECT service  
plan



SureCHECK  
quality standard

### Key features of the 3D PrintPRO 4

Digital speed control  
Standard

3 level filtration - Pre and HEPA/chemical filters  
Standard

Low noise level  
Standard

Small footprint  
Standard

CE approvals  
Standard

Filter signal  
Optional

Filter change indicator  
Standard

Hose kit included  
Standard

Powder coated for durability  
Standard

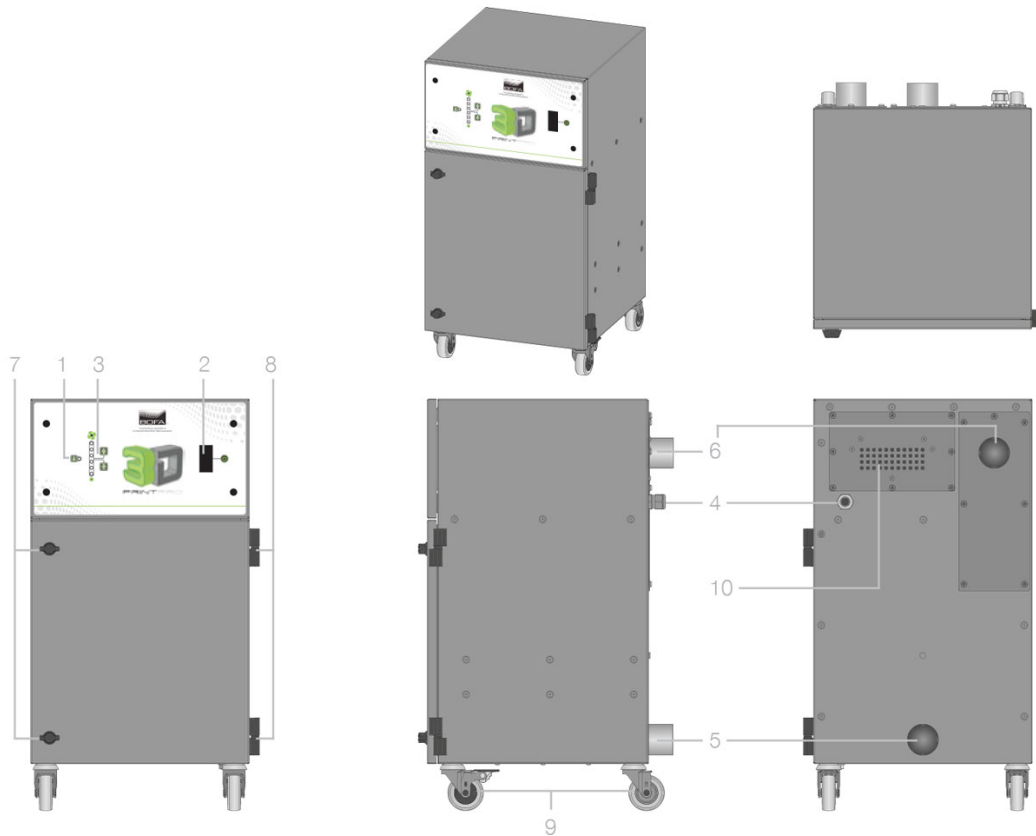
Compact size  
Standard

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. Door latches          | 8. Door hinges       |
| 9. Castors                       | 10. Motor cooling inlet  |                          |                      |

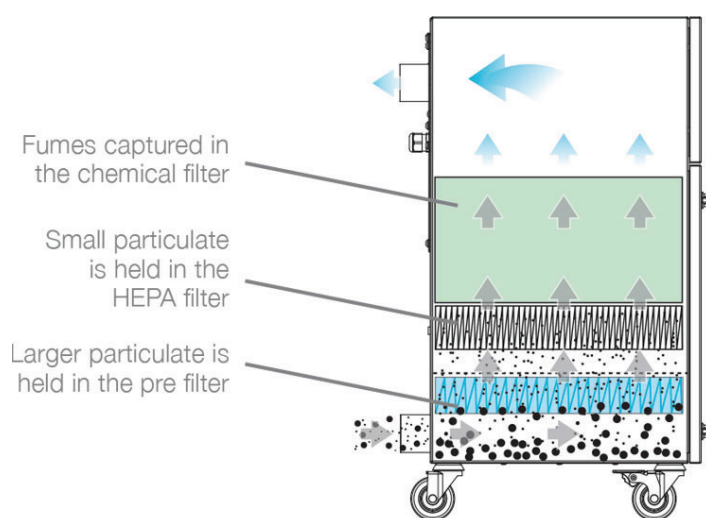
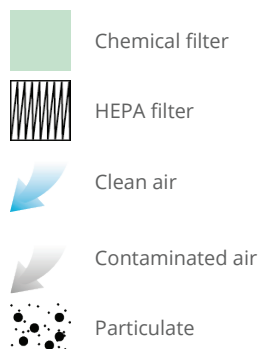


## Hose kit specification

- |                  |                              |
|------------------|------------------------------|
| 1. 50mm cuff x 2 | 2. 50mm x 1.5m flexible hose |
|------------------|------------------------------|



## Airflow through filters



### Technical data

	EU	US
Dimensions (HxWxD)	670 x 375 x 410mm	26.38 x 14.76 x 16.14"
Cabinet construction	Powder coated mild steel	Powder coated mild steel
Airflow / pressure	165m <sup>3</sup> /hr	97cfm
Electrical data	230v 1ph 50/60Hz Full load current: 1.0amps	115v 60/50Hz Full load current: 1.1amps
Noise level	< 55dBA (at typical operating speed)	< 55dBA (at typical operating speed)
Weight	32kgs	70lbs
Approvals	CE	CE

### DeepPleat pre-filter specifications

Surface media area	1.74m <sup>2</sup> approx (18.7ft <sup>2</sup> )
Filter media	Borosilicate
Filter media construction	50mm maxi fold construction with glue bead spacers

### Combined HEPA / Gas filter specifications

Filter efficiency	95% @ 0.9 microns
HEPA filter media	Borosilicate
HEPA media construction	50mm maxi fold construction with glue bead spacers
Filter housing	Zintec mild steel
Treated activated carbon	6.75kgs (14.85 lbs)
Filter efficiency	99.997% @ 0.3 microns

### Unit part numbers

Model	Voltage	Part no.	Options
3D PrintPRO 4 Powder coated	230V	L5644	24v Stop/Start
3D PrintPRO 4 Powder coated	115V	L5645	A2001

### Replacement filter part numbers

Model	Pre-filter	Combined HEPA / Gas filter
3D PrintPRO 4	A1030390	A1030391

*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.*



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