

3D PrintPRO 3

Fume Extraction System - 3D PrintPRO Range

Datasheet

Technical Specification and Product Information

A freestanding system for 3D printers.

The 3D PrintPRO 3 filtration and atmosphere management system has been designed for 3D printers. It features an externally mounted plenum system that helps filter fumes generated during 3D printing processes. Optional accessories include a connection hose, a 'stay put' arm, a conical-shaped nozzle, and 'print your own' plenum instructions.

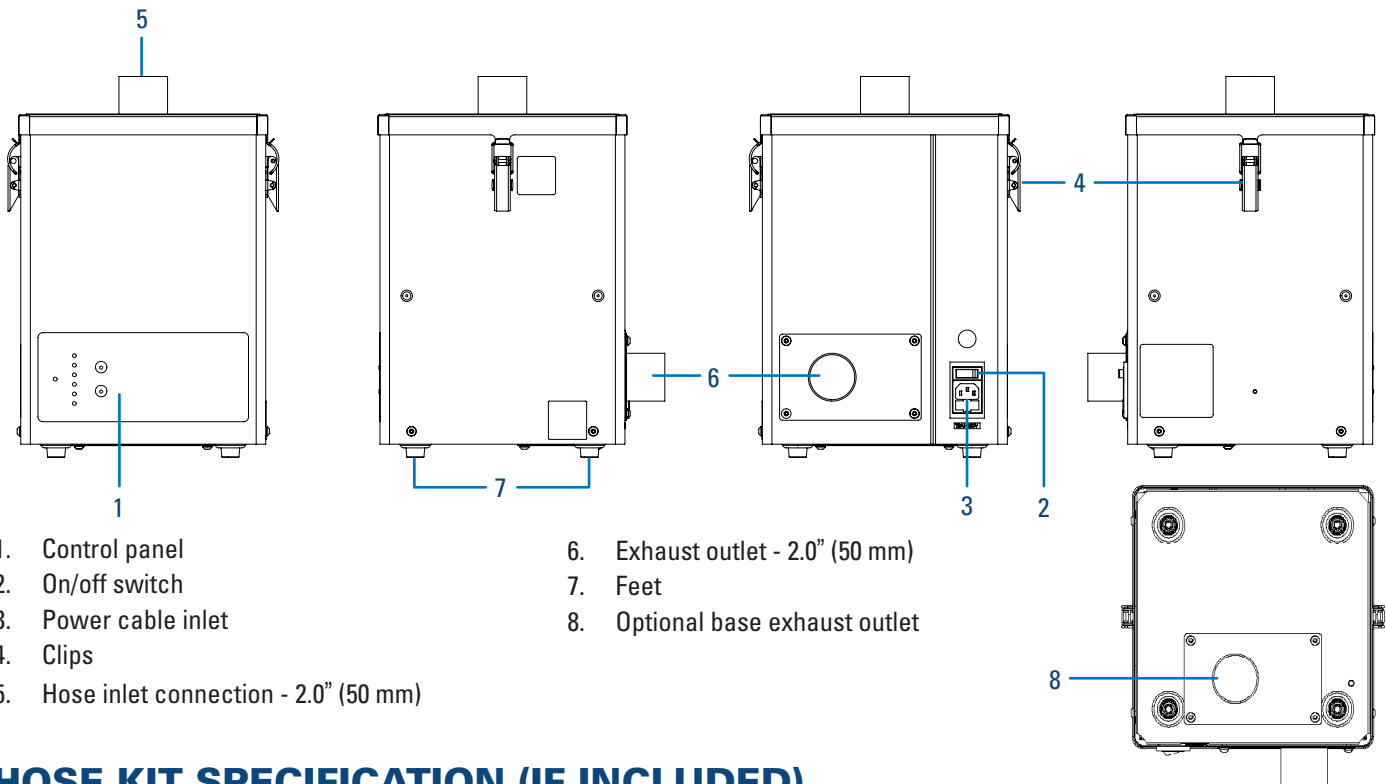


FEATURES

- Small footprint
- Low noise levels
- Digital speed control
- Return airflow capabilities

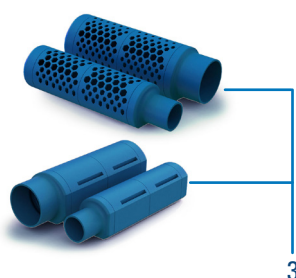
Approvals: UKCA and CE

TECHNICAL SPECIFICATION



- | | |
|---|----------------------------------|
| 1. Control panel | 6. Exhaust outlet - 2.0" (50 mm) |
| 2. On/off switch | 7. Feet |
| 3. Power cable inlet | 8. Optional base exhaust outlet |
| 4. Clips | |
| 5. Hose inlet connection - 2.0" (50 mm) | |

HOSE KIT SPECIFICATION (IF INCLUDED)

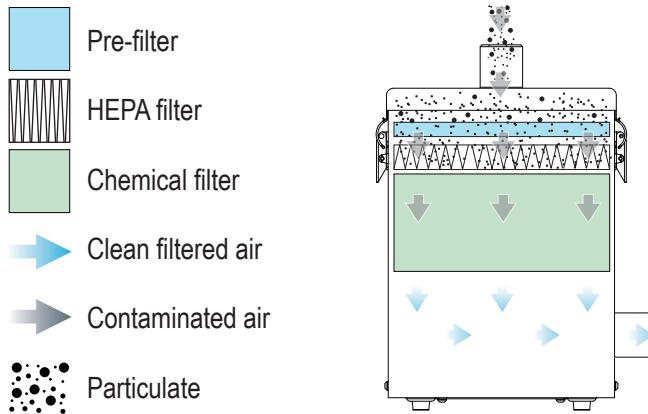


1. 2.0" (50 mm) cuff (x2 exhaust hose/x2 return air hose)
2. 2.0" (50 mm) x 39.4" (1 m) flexible hose (2x)
3. 'Print your own' inlet/outlet manifolds (not supplied with hose kit)

TECHNICAL DATA

Voltage	Airflow		Pressure	Dimensions (H x W x D)		Weight (+/- 5%)		Noise level*	Frequency	Full load current
	V	cfm		m ³ /hr	mbar	in	mm			
100-230	70	120	20	15.8 x 11.4 x 11.8	400 x 290 x 300	24	11	< 57	50/60	3

AIRFLOW



FILTER SPECIFICATIONS

Model	Surface media area (approx)		Filter efficiency
	ft ²	m ²	
Pre-filter pad	0.6	0.06	96% @ 2 microns
Combined filter (HEPA)	16.1	1.5	99.995% @ 0.3 microns

Model	Activated carbon volume
	ltr
Combined filter (gas)	3.0

PART NUMBERS - FILTERS

Pre-filter pad (pack of 5)	Combined filter
1UA1030102	1UA1030099

Datasheet correct at time of publishing. Where applicable, the carbon used in Donaldson BOFA systems 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 Donaldson can affect the use and performance of Donaldson 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.



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



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PART NUMBERS - SYSTEM

Description	Part number
Powder-coated, 115-230 V Hose kit	1U32361001-1597
Powder-coated, 115-230 V 24 V S/S and hose kit	1U182361001-1597

CUSTOMIZATIONS

Options

Power cables
 Remote stop/start signal (S/S)
 Exhaust spigot

Cabinet construction

Powder-coated mild steel
 (Sensations Antique Granite)

Power cables

Type B
 Type E
 Type G

* Noise level: At typical operating speed.