

### A compact, high-vacuum extraction system.

The DustPRO 50 is a compact, high-vacuum extraction system designed for lightweight applications. It features a large capacity bag filter and brushless blower that helps to ensure a long lifespan.

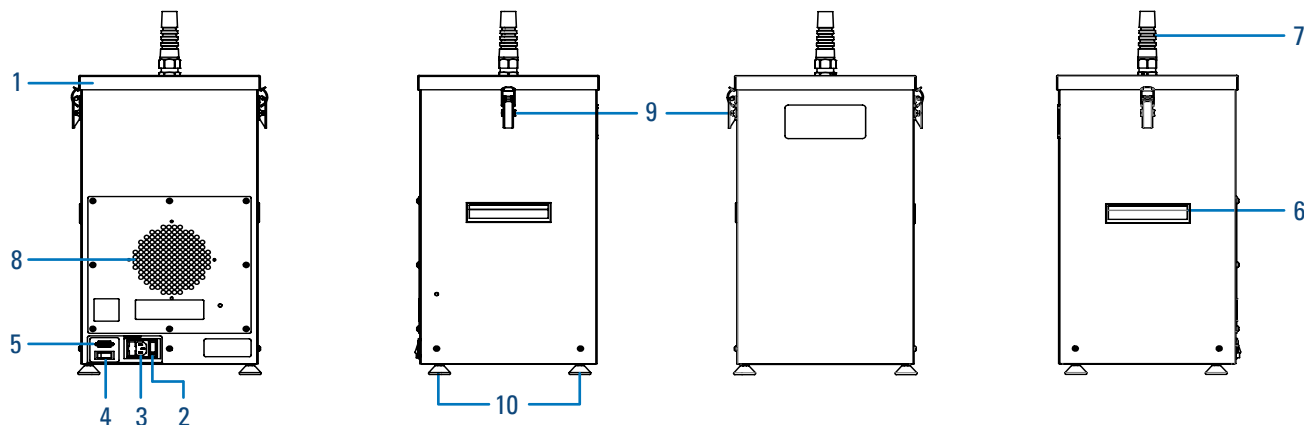
### FEATURES

- Long-life, low-cost replacement filters
- Low noise level
- Small footprint

Approvals: UKCA and CE



### TECHNICAL SPECIFICATION

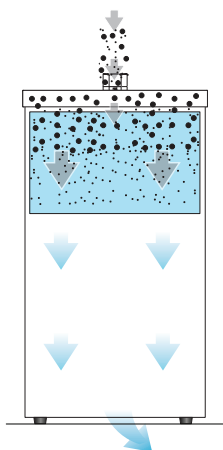
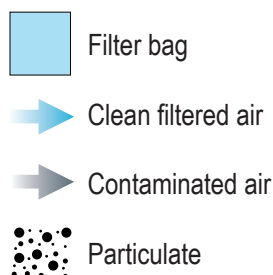


- |                                      |                                                      |
|--------------------------------------|------------------------------------------------------|
| 1. Lid                               | 6. Handles                                           |
| 2. On/off switch                     | 7. Hose gland/inlet connection - 1.0/2.0" (25/50 mm) |
| 3. Power cable inlet                 | 8. Blower cooling inlet                              |
| 4. Override switch (optional)        | 9. Lid latches                                       |
| 5. Signal/interface cable (optional) | 10. Castors                                          |

### TECHNICAL DATA

Voltage	Airflow		Pressure (+/- 10%)	Dimensions (H x W x D)		Weight		Noise level*	Frequency	Full load current
V	cfm	m³/hr	mbar	in	mm	lbs	kg	dB(A)	Hz	amps
115	47	80	100	22.6 x 12.6 x 11.6	575 x 320 x 295	50	23	< 64	50/60	0.5
230										2.8

## AIRFLOW



## PART NUMBERS - SYSTEM

Description	Part number
Powder-coated, 230 V Hose gland	1U821544-1210
Powder-coated, 230 V 24 V S/S, O/R and 50 mm inlet	1U150821544-1210
Powder-coated, 230 V 24 V S/S and O/R	1U150821544-1210-1

## CUSTOMIZATIONS

### Options

Power cables  
Remote stop/start signal  
(S/S)  
Override (O/R)

### Power cables

Type B  
Type E  
Type G

### Cabinet construction

Powder-coated mild  
steel (RAL7035)

\* Noise level: At typical operating speed.

## FILTER SPECIFICATIONS

Model	Volume	Filter efficiency
	ltr	
Filter bag	6.4	95% @ 0.9 microns

Model	Surface media area (approx)		Filter efficiency
	ft <sup>2</sup>	m <sup>2</sup>	
Filter pad	0.8	0.08	96% @ 2 microns

## PART NUMBERS - FILTERS

Filter bag	Filter pad
1UA1030135	1UA1030085

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.

**Donaldson**  
**BOFA™**

### Donaldson BOFA

#### UK & ROW

Tel. +44 (0) 1202 699 444  
Email. [bofasales@donaldson.com](mailto:bofasales@donaldson.com)  
Web. [donaldsonbofa.com](http://donaldsonbofa.com)

#### Germany

Email. [bofavertrieb@donaldson.com](mailto:bofavertrieb@donaldson.com)

#### USA

Tel. +1 (618) 205 5007  
Email. [bofasalesus@donaldson.com](mailto:bofasalesus@donaldson.com)

ENG (November 2025) Donaldson BOFA DustPRO 50 Datasheet. ©2011-2025 Donaldson Company, Inc. Donaldson, Torit, Dalamatic, Delta P, Delta P Plus, Downflo, Dura-Life, Easy Duct, PowerCore, Synteq XP, Ultra-Web, Unimaster and the color blue are marks of Donaldson Company, Inc. All other marks belong to their respective owners.

DS-DUSTPRO 50-BOFA-US V1.1.