



A Donaldson Company

A WORLD LEADER IN FUME  
EXTRACTION TECHNOLOGY

# DustPRO 50

## MECHANICAL ENGINEERING

Last Updated on 30.08.2018



Industrial particle and dust extractor.

BOFA's DustPRO 50 extraction unit has been developed for the safe and effective removal of swarf and smaller particulates during processes such as routing, mechanical engraving, grinding and turning.

One of the main problems with other router extraction relates to the type of pump used. Most have brushed motors which are noisy in operation and frequently burn out.

The pump used in the DustPRO 50 is brushless and designed for continuous running for longer periods of time before servicing.

### Technology



ProTECT service plan



SureCHECK quality standard

### Key features of the DustPRO 50

Filters with long life and low replacement cost  
Standard

Filter change / system fail signal  
Optional

Remote stop / start interface  
Optional

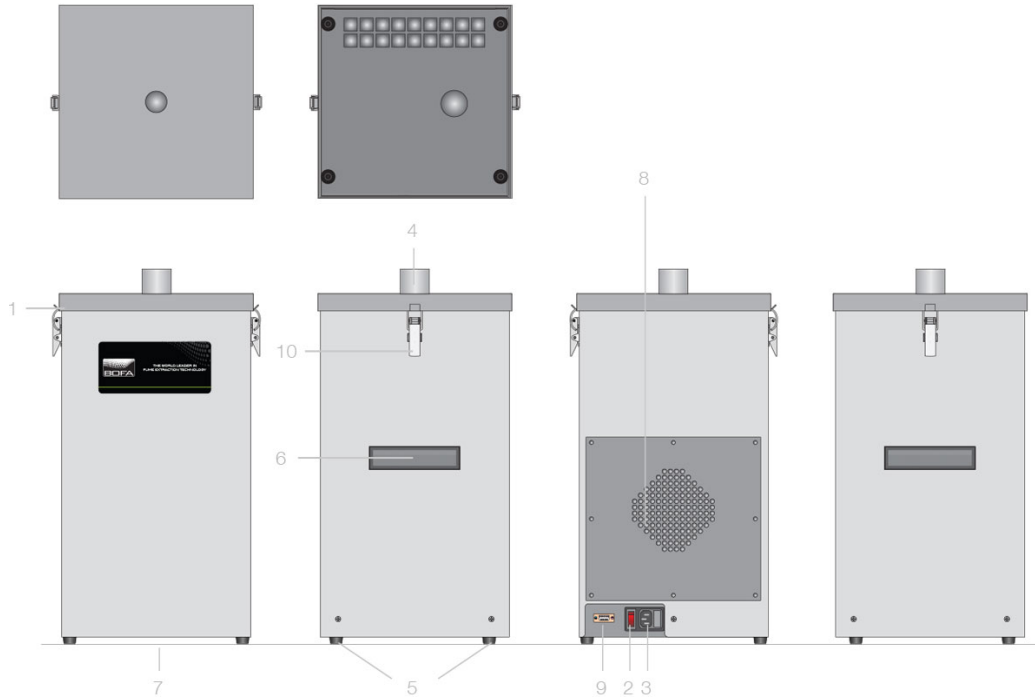
Contact BOFA at <https://bofainternational.com/en/contact/>

<https://bofainternational.com/en/portal/datasheets/dustpro-50/>



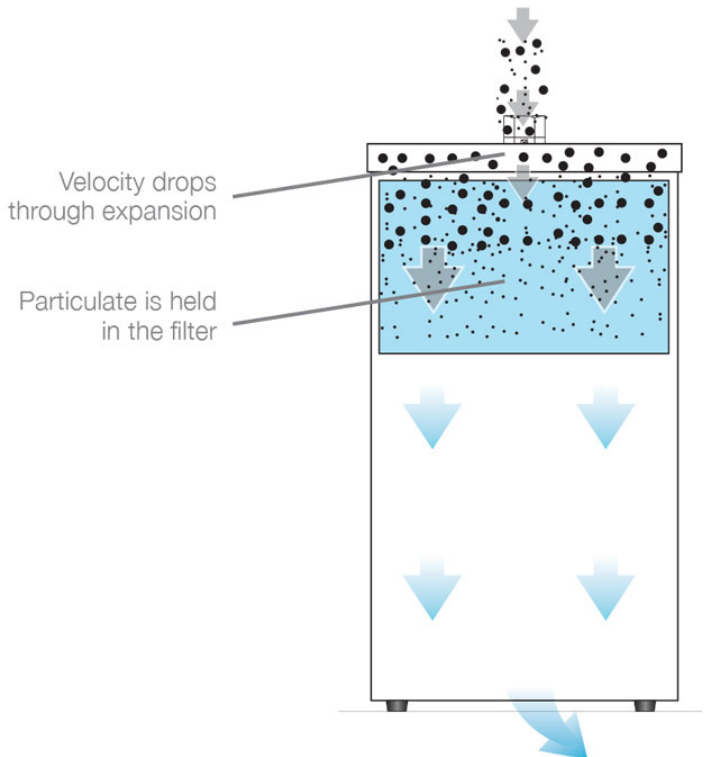
## Technical specification

- |                                       |                    |                      |   |
|---------------------------------------|--------------------|----------------------|---|
| 1. Unit lid                           | 2. On / Off switch | 3. Power cable inlet | 4. Hose inlet connection - 10-18mm (Optional) |
| 5. Feet                               | 6. Handle          | 7. Exhaust outlet    | 8. Motor cooling inlet                        |
| 9. Stop / Start connection (Optional) | 10. Lid latches    |                      |   |



## Airflow through filters

- Bag filter
- Clean air
- Contaminated air
- Particulate



## Technical data

	EU	US
Dimensions (HxWxD)	575 x 320 x 295mm	22.64 x 12.60 x 11.61"
Cabinet Construction	Powder coated mild steel	Powder coated mild steel
Airflow / Pressure	80m <sup>3</sup> /hr / 100mbar Brushless motor	47cfm / 100mbar Brushless motor
Electrical data	230v 1ph 50/60Hz Full load current: 2.8 amps / 0.4kw	116v 1ph 50/60Hz Full load current: 6 amps / 0.5kw
Noise level	< 64dBA (at typical operating speed)	< 64dBA (at typical operating speed)
Weight	23kgs	50lbs
Approvals	CE	CE

## Bag filter specifications

Filter holding capacity	6.4 Ltrs
Filter media	Polyester
Filter media construction	Bag filter
Filter efficiency	95% @ 0.9 microns

## Part numbers

Model	Voltage	Part number	24V Stop/Start
DustPRO 50 powder coated	230V	D0242A	A2001
	115V	D0241A	A2001
DustPRO 50 with 18mm ID cable gland powder coated	230V	D0342A	A2001
	115V	D0341A	A2001

## Replacement filters

Model	Bag filter part no.
DustPRO 50	A1030135

*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.*

