



A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY



# DustPRO 400

MECHANICAL ENGINEERING

Last Updated on 30.08.2018



Particulate and dust extraction system for a variety of industrial applications.

BOFA's DustPRO 400 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 high vacuum pump used in the DustPRO 400 is brushless and designed for continuous running for longer periods of time before requiring servicing.

The bag filter has a large 6.4 litre capacity and the HEPA filter is very high efficiency.

## Technology



HEPA filter



Multi voltage sensing (MVS) unit



ProTECT service plan



SureCHECK quality standard

## Key features of the DustPRO 400

**Filter full indicator**  
Standard

**High efficiency filters (99.997% @ 0.3 microns)**  
Standard

**Simple operation**  
Standard

**Small footprint**  
Standard

**Filter change / System fail signal**  
Optional

**Digital speed control**  
Standard

**Large capacity filter bag**  
Standard

**Low running costs**  
Standard

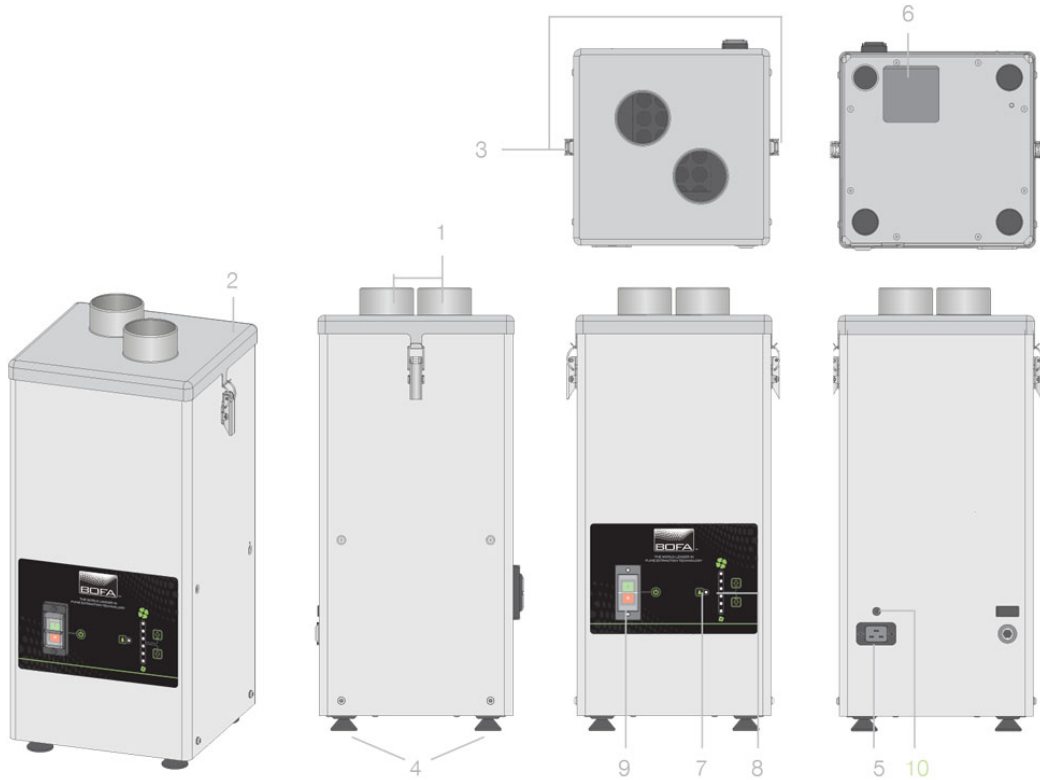
**Remote stop / start interface**  
Optional

**Foot switch**  
Optional








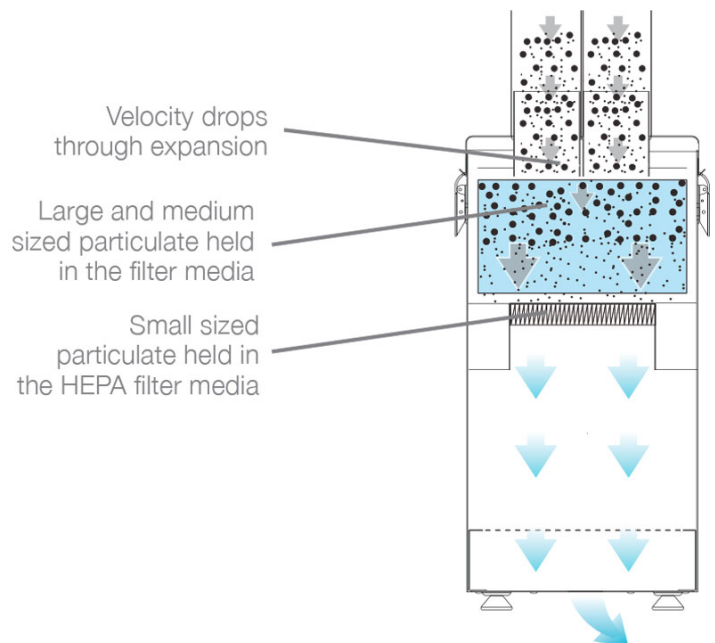
## Technical specifications

- 1. Hose inlet - 2 x 75mm
- 2. Unit lid
- 3. Latch
- 4. Feet
- 5. Power inlet
- 6. Exhaust outlet
- 7. Filter full indicator
- 8. Speed control
- 9. Power switch
- 10. Optional foot switch socket



## Airflow through filters

-  Bag filter
-  HEPA filter
-  Clean air
-  Contaminated air
-  Particulate



## Technical data

	EU	US
Dimensions (HxWxD)	600 x 290 x 270mm	23.62 x 11.42 x 10.63"
Cabinet construction	Powder coated mild steel	Powder coated mild steel
Airflow / Pressure	380m <sup>3</sup> /hr / 96mbar	223cfm / 96mbar
Electrical data	90 - 257v 1ph 50/60Hz Full load current: 12.5 amps / 1.1kw.	90 - 257v 1ph 50/60Hz Full load current: 12.5 amps / 1.1kw.
Noise level	< 66dBA (at typical operating speed)	< 66dBA (at typical operating speed)
Weight	14kgs	30.9lbs
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

## HEPA filter specifications

HEPA filter media	Borosilicate
HEPA media construction	Pleated with glue bead spacers
Filter efficiency	99.997% @ 0.3 microns

## Unit part numbers

Model	Voltage	Part number	Foot switch
DustPRO 400 Powder coated	90V - 257V	D0944A	A0009

## Replacement filter part numbers

Model	Bag filter part number	HEPA filter part number
DustPRO 400	A1030241	A1030287

*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.*



**V Tech SMT Ltd**

Vision House, Bandeath Industrial Estate, Throsk, Stirling, FK7 7NP

**T:** 0044 (0) 1786 813999 **F:** 0044 (0) 1786 813998

**E:** sales@vtech-smt.co.uk **W:** www.vtech-smt.co.uk