



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

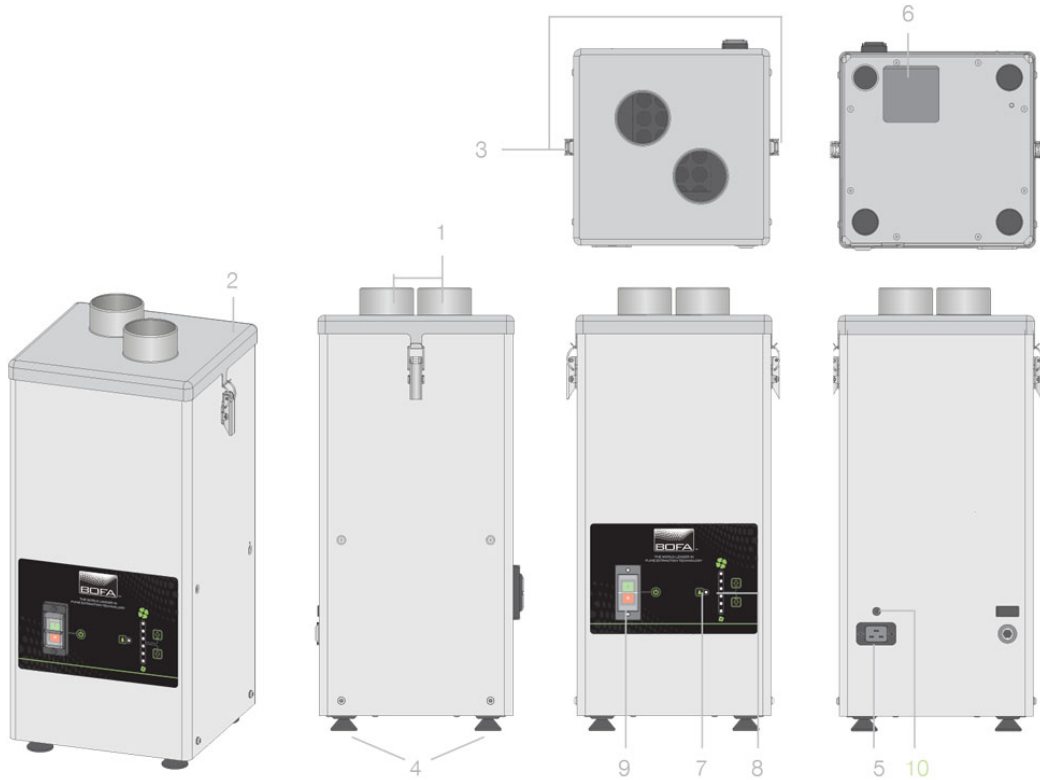
Contact BOFA at <https://bofainternational.com/en/contact/>

<https://bofainternational.com/en/portal/datasheets/dustpro-400/>








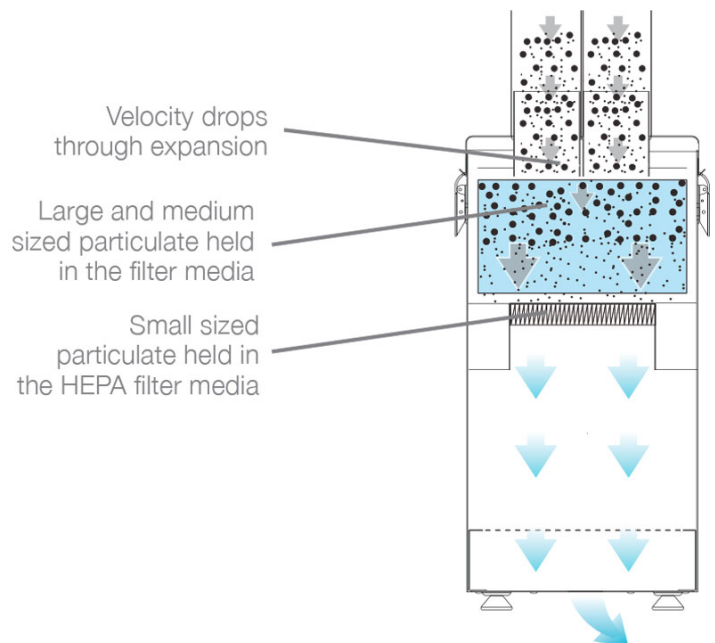
Technical specifications

- 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 ³ /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 | Glass fibre |
| HEPA media construction | Maxi pleat construction with webbing 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.

