



A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

DustPRO Universal

MECHANICAL ENGINEERING

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Stand alone industrial dust extraction and filtration system.

BOFA's DustPRO Universal stand alone dust 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 unit's high vacuum pump is brushless and designed for continuous running for longer periods of time before requiring servicing.

The DP Universal features a large 18 litre capacity filter bag and a HEPA filter for capturing fine particulate.

Technology



HEPA filter



Multi voltage sensing (MVS) unit



ProTECT service plan



SureCHECK quality standard

Key features of the DustPRO Universal

Digital speed control - for variable airflow rates
Standard

High vacuum pump for effective capture from source
Standard

Filters with long life and low replacement cost
Standard

HEPA filtration
Standard

Quiet in operation
Standard

Remote stop / start interface
Optional

Auto sensing voltage (90-257v) for global use
Standard

Brushless motor (can exceed 30,000hrs use before servicing)
Standard

High efficiency 5 layer large capacity easy change filter
Standard

Filter full indicator
Standard

Small footprint
Standard

Filter change / system fail signal
Optional

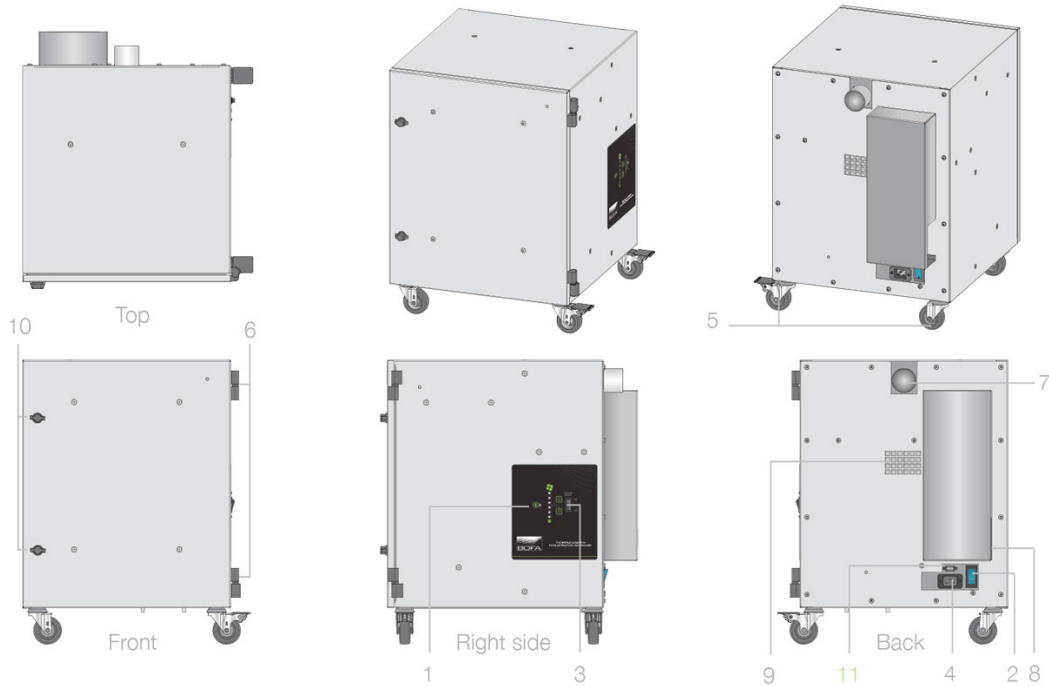
Contact BOFA at <https://bofainternational.com/en/contact/>

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

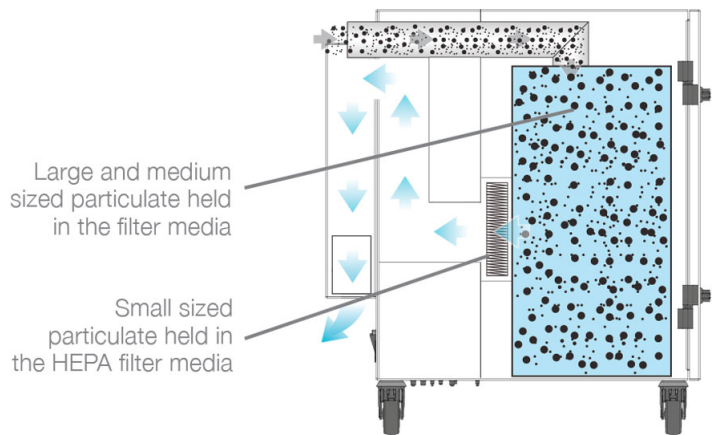
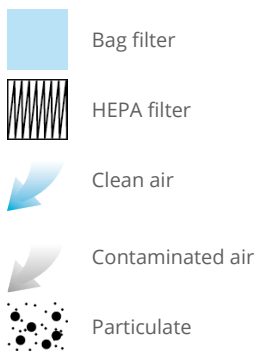


Technical specifications

- 1. Unit / filter condition display
- 2. On / off switch
- 3. Override switch (optional)
- 4. Power inlet
- 5. Castors
- 6. Door hinge
- 7. Hose inlet connection - 50mm
- 8. Exhaust outlet
- 9. Motor cooling inlet
- 10. Door latch
- 11. Interface connection (optional)



Airflow through filters



Technical data

| | EU | US |
|----------------------|---|---|
| Dimensions (HxWxD) | 590 x 460 x 535 mm | 23.23 x 18.11 x 21.06" |
| Cabinet construction | Powder coated mild steel | Powder coated mild steel |
| Airflow / pressure | 285m ³ /hr / 96mbar | 167cfm / 96mbar |
| Electrical data | 115 - 230v Single-phase 1~ 50/60Hz Full load current: 12.5 amps / 1.1kw | 115 - 230v Single-phase 1~ 50/60Hz Full load current: 12.5 amps / 1.1kw |
| Noise level | < 66dBA (at typical operating speed) | < 66dBA (at typical operating speed) |

Technical data

| | | |
|-----------|-------------|----------|
| Weight | 33kgs | 72.8lbs |
| Approvals | UKCA and CE | cUL, UL* |

Pre-filter bag specifications

| | |
|---------------------------|-------------------|
| Filter holding capacity | 18 ltrs |
| Filter media | Borosilicate |
| Filter media construction | Bag filter |
| Filter efficiency | 99% @ 0.3 microns |

HEPA filter specifications

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

Part numbers

| Model | Voltage | Part number | 24V stop / start |
|------------------------------------|---------|-------------|------------------|
| DustPRO Universal Powder coated | 90-257V | D0844A | A2001 |

Replacement filter part numbers

| Model | Bag filter part number | HEPA filter part number |
|-------------------|------------------------|-------------------------|
| DustPRO Universal | A1030170 | A1030161 |

* Tested to UL and cUL standards, but testing may be provided by alternate nationally recognised test laboratories. Certain product configurations may affect the UL certification. Please speak to your sales representative.

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.

