



A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY



DustPRO Universal

MECHANICAL ENGINEERING

Last Updated on 30.08.2018



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

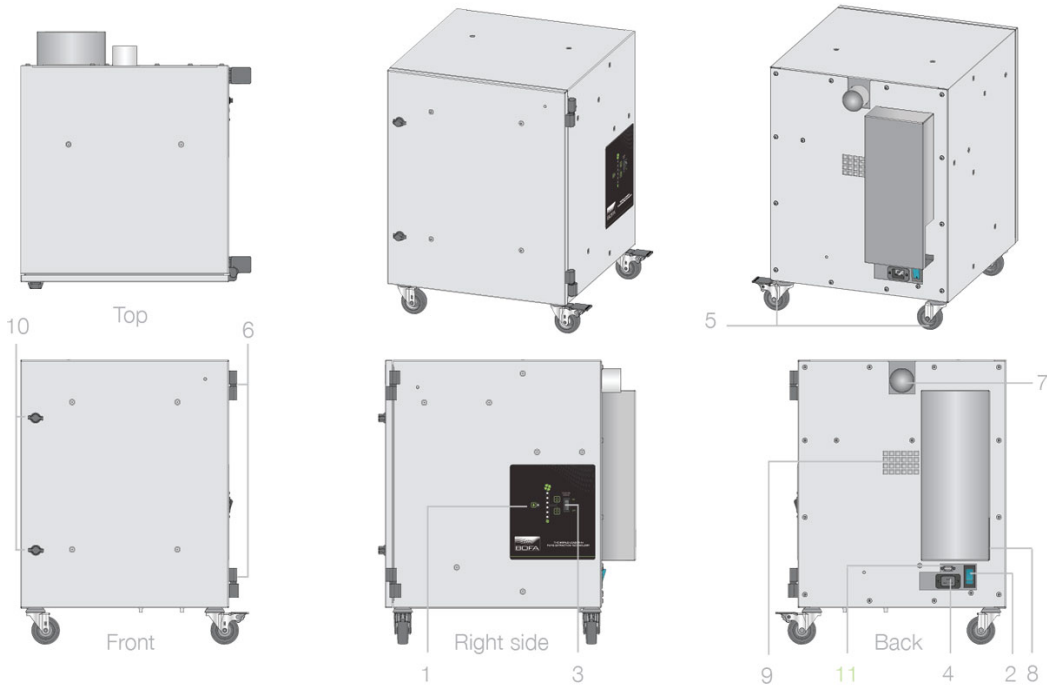
Contact BOFA at <https://bofainternational.com/en/contact/>

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

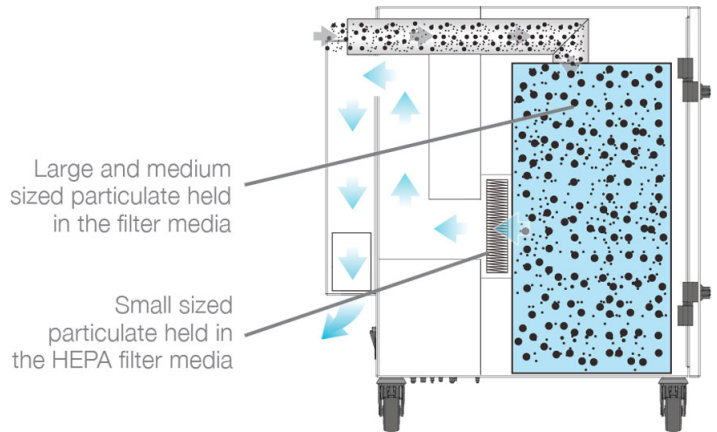
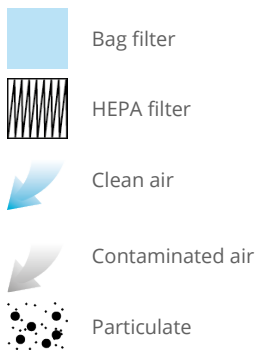


Technical specifications

- | | | | |
|------------------------------------|--------------------|-------------------------------------|-------------------|
| 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 1ph 50/60Hz Full load current: 12.5 amps / 1.1kw	115 - 230v 1ph 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	CE	cUL, UL

Pre filter bag specifications

Filter holding capacity	18 ltrs
Filter media	Glass fibre
Filter media construction	Bag Filter
Filter efficiency	99% @ 0.3 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

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

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.



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