



A Donaldson Company

A WORLD LEADER IN FUME
EXTRACTION TECHNOLOGY



DustPRO Universal

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Industrial particle and dust extraction system for the DG Shape MDX540.

BOFA's DustPRO Universal milling extraction unit has been developed to work with the DG Shape MDX540 large large bench top milling machine.

The unit's high efficiency two stage filtration system effectively filters dust particles generated during processes such as routing, mechanical engraving, grinding and turning. The compact design and castors enables the unit to be easily located.

The unit's high vacuum pump is brushless and designed for continuous running for long periods of time before requiring servicing.

This unit features a large 18-litre capacity filter bag and a HEPA filter.

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 extraction 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 (100-230v) for global use
Standard

Brushless motor
Standard

High efficiency 5 layer large capacity easy change filter
Standard

Filter full indicator
Standard

Small footprint
Standard

Filter change / System fail signal
Optional

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Approvals: REACH and RoHS. See individual product technical data for specific accreditations

Technical specifications

1. Unit / Filter condition display

2. On / Off switch

3. Override switch (Optional)

4. Power inlet

5. Castors

6. Door hinge

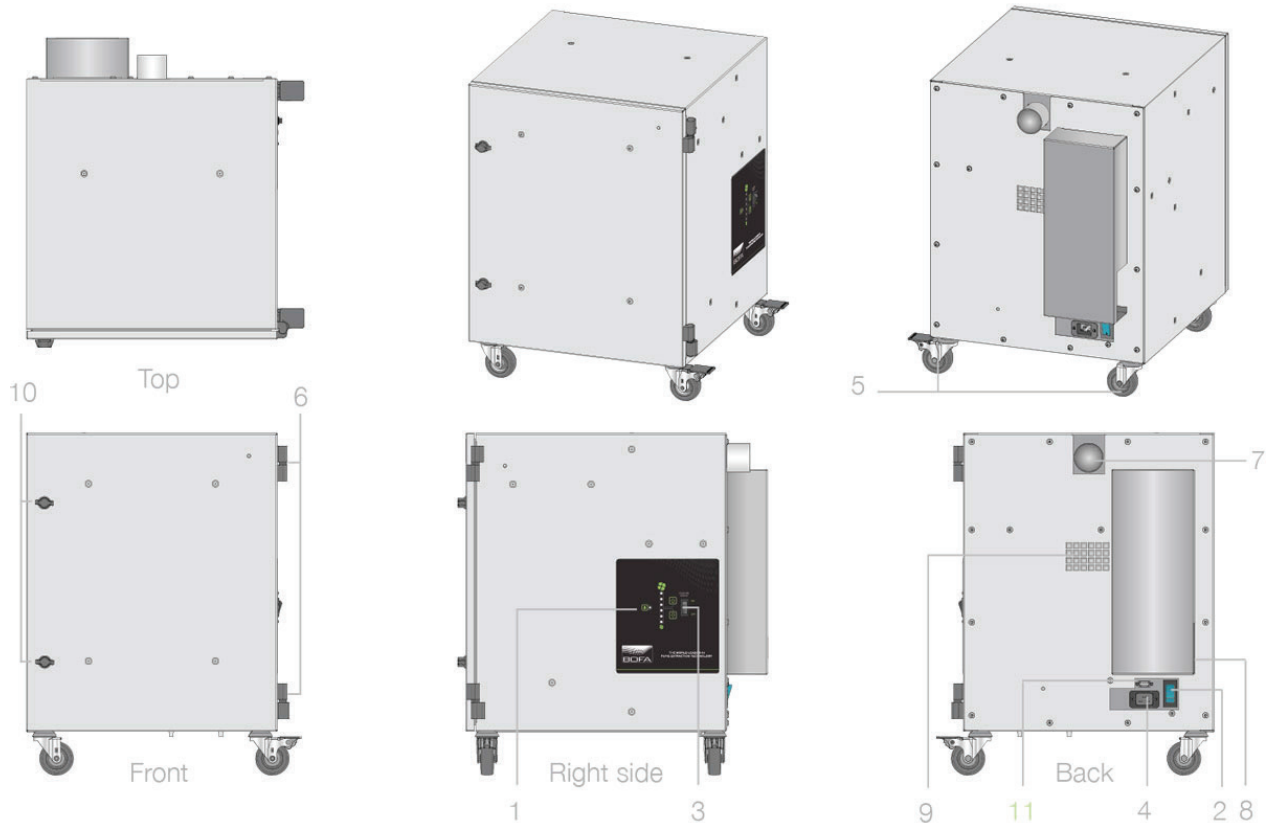
7. Hose inlet connection - 50mm

8. Exhaust outlet


9. Motor cooling inlet

10. Door latch

11. Interface connection (Optional)



Airflow through filters

 Bag pre-filter

 HEPA filter

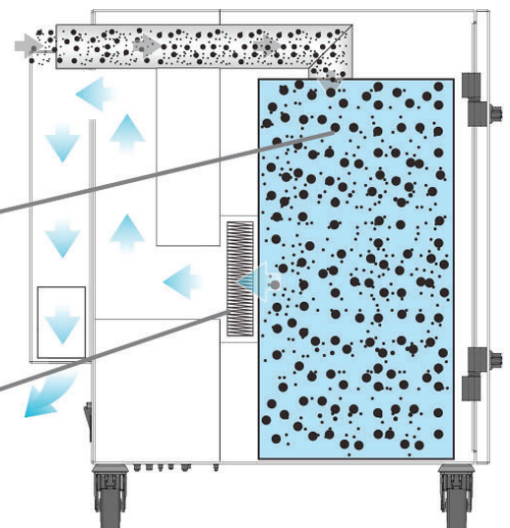
 Clean air

 Contaminated air

 Particulate

Large and medium sized particulate held in the filter media

Small sized particulate held in the HEPA filter media



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)
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	Maxi pleat construction with webbing spacers
Filter efficiency	99.995% @ 0.3 microns

Part numbers

Model	Voltage	Part number	24V Stop/Start
DustPRO Universal (powder coated)	100-230V	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.

Roland are registered in the U.S. Patent and Trademark office.

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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