



A Donaldson Company

A WORLD LEADER IN FUME
EXTRACTION TECHNOLOGY



DustPRO 50

Last Updated on 12.04.2023



Industrial particle and dust extraction system for the DG Shape MDX-40A.

BOFA's DustPRO 50 extraction unit has been developed to work with the DG Shape MDX40A small bench top milling machine. Developed for the safe and effective removal of swarf and smaller particulates during the milling process.

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 pump used in the DustPRO 50 is brushless and designed for continuous running for longer periods of time before servicing.

Technology



ProTECT service
plan



SureCHECK
quality standard

Key features of the DustPRO 50

Filters with long life and low replacement cost
Standard

Filter change / system fail signal
Optional

Remote stop / start interface
Optional

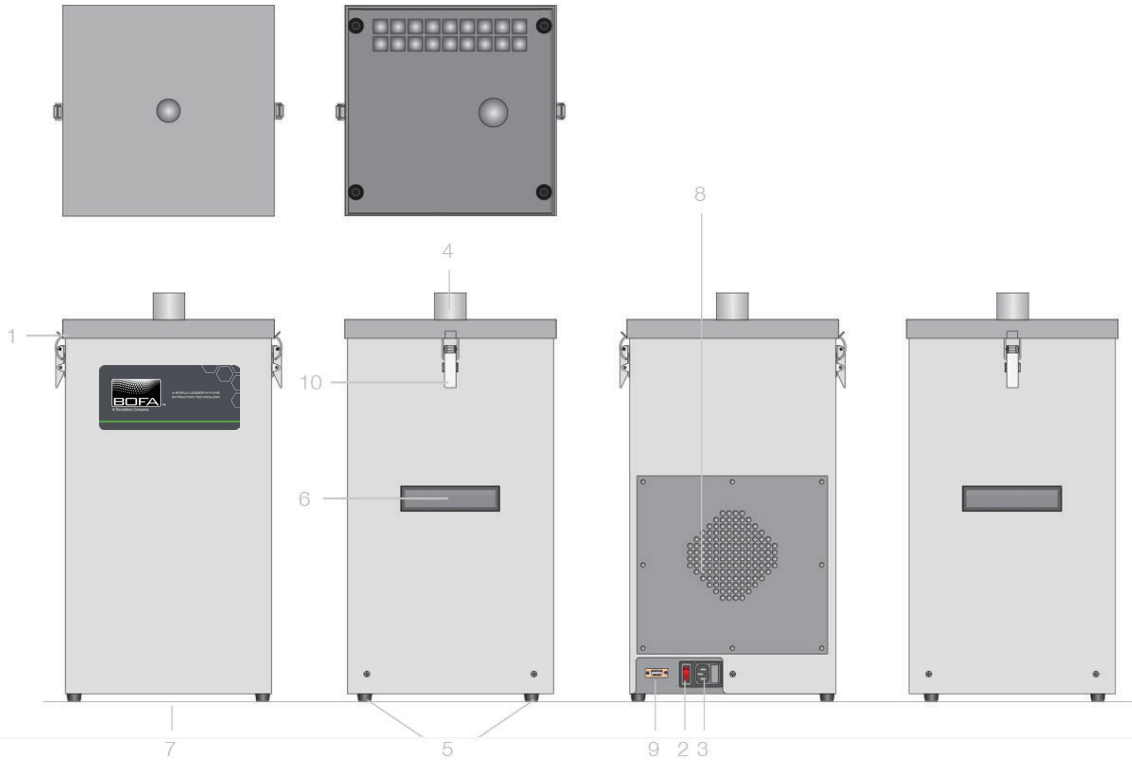
bofainternational.com/roland



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

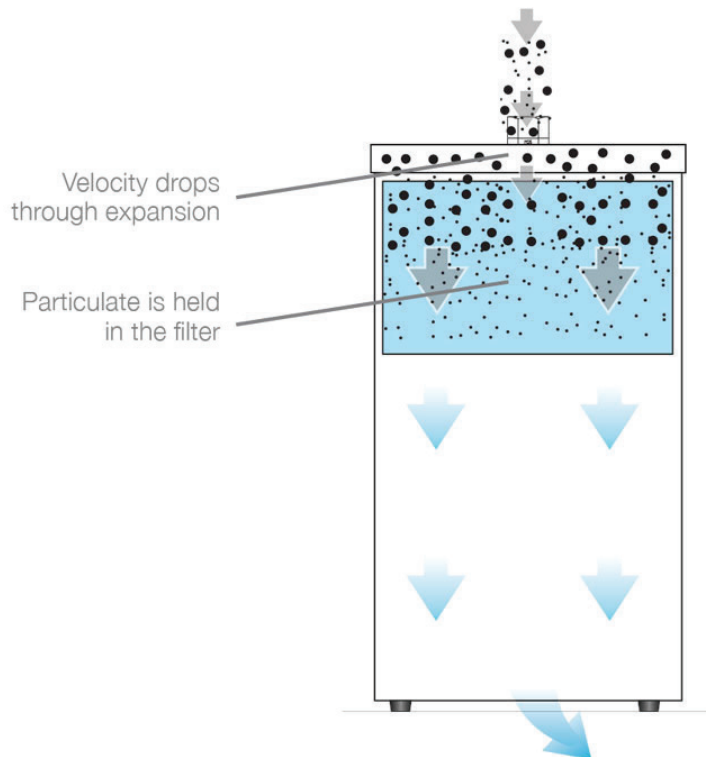
Technical specification

- | | | | |
|---------------------------------------|--------------------|----------------------|---|
| 1. Unit lid | 2. On / Off switch | 3. Power cable inlet | 4. Hose inlet connection - 10-18mm (Optional) |
| 5. Feet | 6. Handle | 7. Exhaust outlet | 8. Motor cooling inlet |
| 9. Stop / Start connection (Optional) | 10. Lid latches | | |



Airflow through filters

-  Bag pre-filter
-  Clean air
-  Contaminated air
-  Particulate



Technical data

	EU	US
Dimensions (HxWxD)	575 x 320 x 295mm	22.64 x 12.60 x 11.61"
Cabinet Construction	Powder coated mild steel	Powder coated mild steel
Airflow / Pressure	80m ³ /hr / 100mbar Brushless motor	47cfm / 100mbar Brushless motor
Electrical data	230v Single-phase 1~ 50/60Hz Full load current: 2.8 amps / 0.4kw	116v Single-phase 1~ 50/60Hz Full load current: 6 amps / 0.5kw
Noise level	< 64dBA (at typical operating speed)	< 64dBA (at typical operating speed)
Weight	23kgs	50lbs
Approvals	UKCA and CE	UKCA and CE

Bag filter specifications

Filter holding capacity	6.4 Ltrs
Filter media	Polyester
Filter media construction	Bag filter
Filter efficiency	95% @ 0.9 microns

Part numbers

Model	Voltage	Part number
DustPRO 50 (powder coated)	230V	4230821544-1210
DustPRO 50 (powder coated)	115V	4210820544-1210
MDX40A Connection kit		A1020151

Replacement filters

Model	Bag filter part no.
DustPRO 50	A1030135

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.

