

DentalPRO Base DWX52-DCi

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'Ride on' dust extraction system for the DG Shape DWX52 DCi dental CAD/CAM dry milling machine.

BOFA's DentalPRO Base DWX52-DCi dental dust extraction unit has been developed specifically for the DG Shape DWX52-DCi dental milling machine, which sit on top, allowing the extraction unit to double up as a space saving stand / bench, with internal storage space.

The unit's high efficiency two stage filtration process allows technicians to work safer in the knowledge that dust particles are being effectively filtered, to help maintain a cleaner working environment. The bag filter has a large 18 litre capacity and the HEPA filter has an efficiency of 99.995% at 0.3 microns.

The high vacuum pump is brushless and designed for continuous running for longer periods of time before requiring servicing.

An added optional extra is an onboard compressor, providing the miller with clean oil-free air for all compressed air requirement, with a built in water trap relief valve pipe and internal container.

Technology



HEPA filter



Multi voltage sensing (MVS) unit



SureCHECK quality standard

Key features of the DentalPRO Base

Sit on 'base' unit - providing a space saving stand
Standard

Auto sensing voltage (100-230v) for global use
Standard

HEPA filtration
Standard

High efficiency 5 layer large capacity easy change filter
Standard

Quiet in operation
Standard

Remote stop / start interface
Optional

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

Filter full indicator
Standard

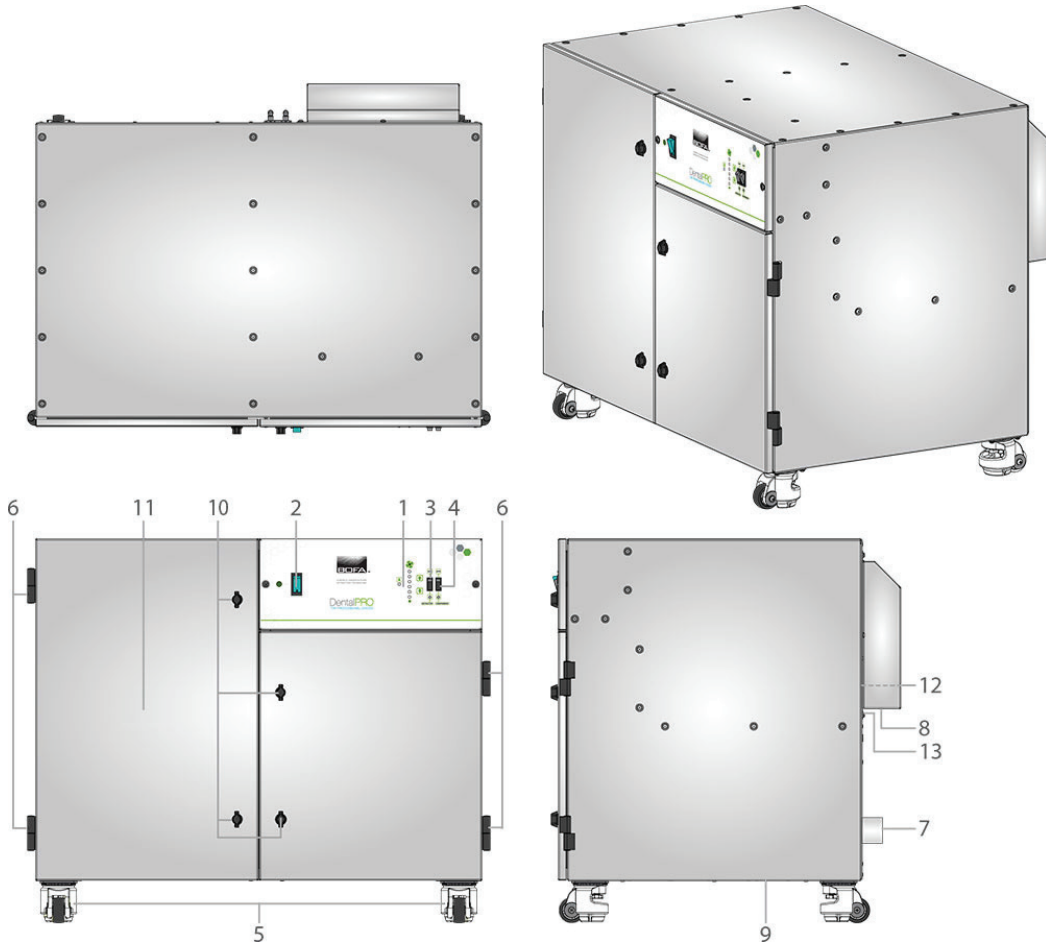
Water trap relief valve pipe and internal container
Standard

On-board compressor for clean, oil-free air
Optional


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Technical specification

- | | | | |
|------------------------------------|--------------------|--|--|
| 1. Unit / filter condition display | 2. On / off switch | 3. Override switch | 4. Compressor override |
| 5. Locking castors | 6. Door hinge | 7. Hose inlet connection - 50mm | 8. Exhaust outlet |
| 9. Motor cooling inlet | 10. Door latch | 11. Internal storage shelf / water trap relief valve pipe and internal container | 12. Optional start / stop interface connection |
| 13. Power inlet | | | |



Airflow through filters

 Internal water trap container

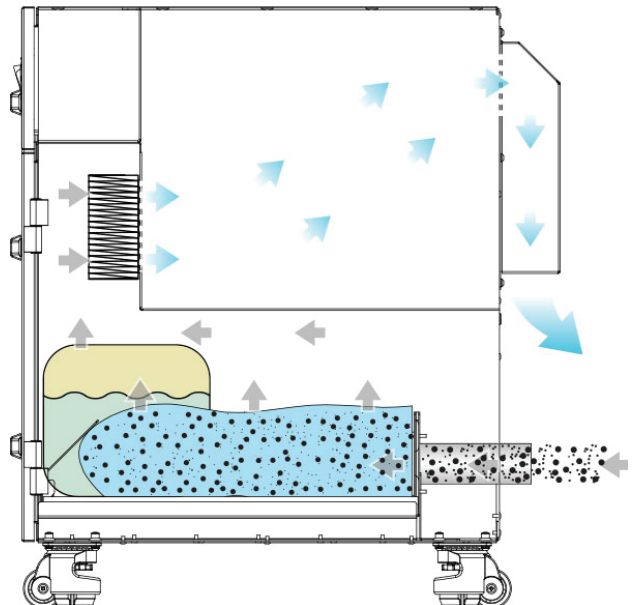
 Pre-filter

 HEPA filter

 Clean air

 Contaminated air

 Particulate



Technical data

	EU	US
Dimensions (HxWxD)	757 x 913 x 676mm	29.8 x 35.9 x 26.6"
Cabinet construction	Powder coated mild steel	Powder coated mild steel
Max 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	50kgs	110lbs
Approvals	UKCA and CE	UKCA and CE

Pre filter specifications

Filter media	Borosilicate
Filter media construction	Bag filter
Filter capacity	18 litres
Filter efficiency	99% @ 0.3 microns

HEPA filter specifications

HEPA filter media	Borosilicate
HEPA media construction	Maxi pleat construction with glue bead spacers
Filter efficiency	99.995% @ 0.3 microns

Unit part numbers

Model	Option	Voltage	Part number
DentalPRO Base DWX 52 DCi Powder coated unit		100-230v	4230851154-1885
DentalPRO Base DWX 52 DCi Powder coated unit	Compressor	100v	210115630850654-1960-01
DentalPRO Base DWX 52 DCi Powder coated unit	Compressor	230v	21015630851654-1960
DentalPRO Base DWX 52 DCi Powder coated unit	Compressor	115v	21015610850654-1960

Replacement filter part numbers

Description	Part number
Pre-filter bag	A1030170
HEPA filter	A1030161

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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