



A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY



DentalPRO Base DWX

Last Updated on 13.12.2018

'Ride on' dust extraction system for the DG Shape DWX range of CAD/CAM dental dry milling machines.

BOFA's DentalPRO Base DWX dental extraction unit has been developed specifically for the DG Shape DWX dental milling range. This base unit was designed for the Roland DWX dry milling systems allowing the extraction unit to double up as a space saving stand.

The unit's high efficiency two stage filtration process allows technicians to work safe in the knowledge that dust particles are being effectively removed, to maintain a clean working environment. The bag filter has a large 18 litre capacity and the HEPA filter has an efficiency of 99.997% down to 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.



Technology



HEPA filter



Multi voltage sensing (MVS) unit



ProTECT service plan



SureCHECK quality standard

Key features of the DentalPRO Base

Sit on unit - providing a space saving stand
Standard

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

HEPA filtration
Standard

High efficiency 5 layer large capacity easy change filter
Standard

Quiet in operation
Standard

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

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

Filter full indicator
Standard

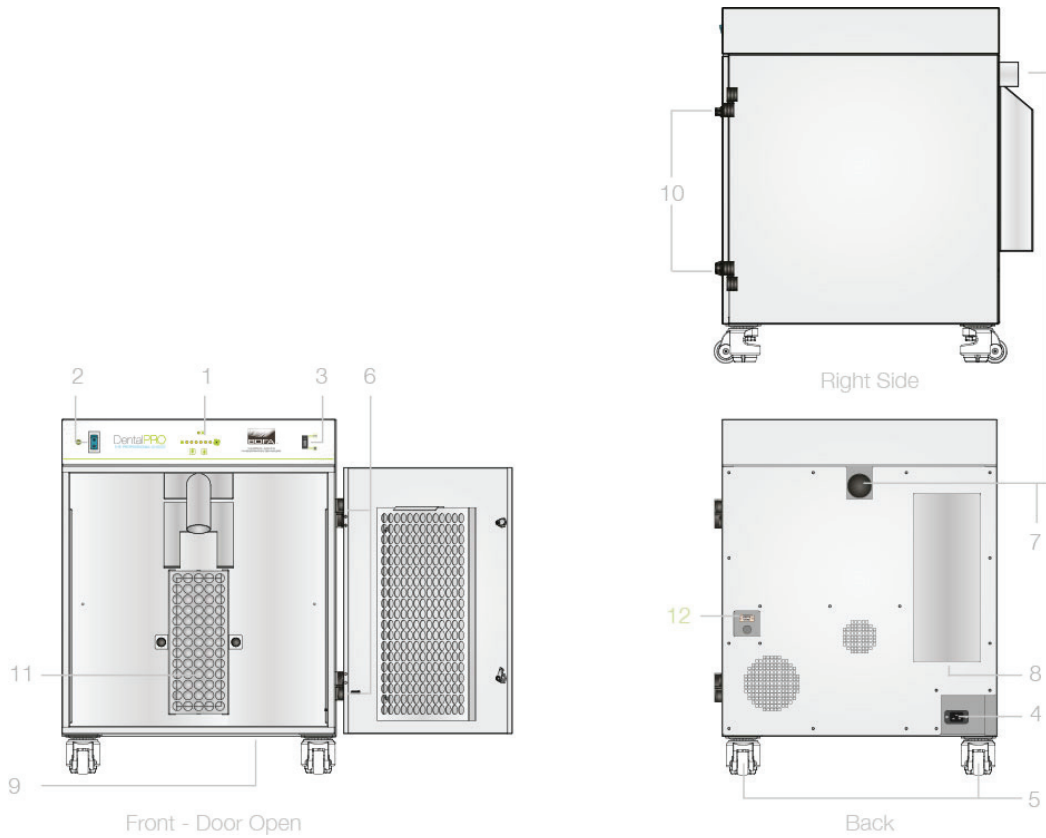
Remote stop / start interface
Optional

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



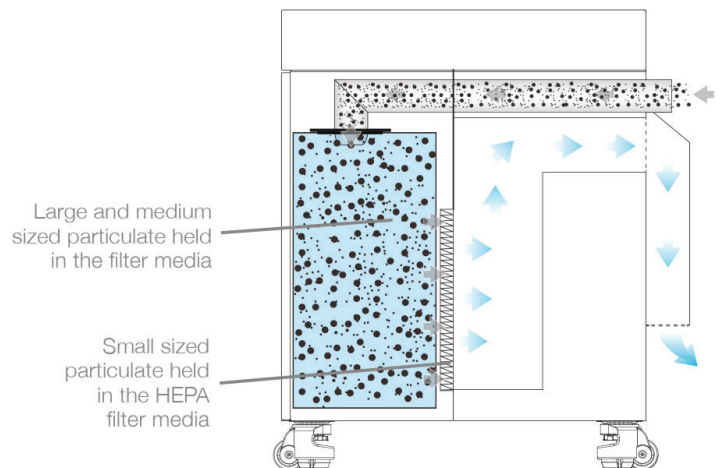
Technical specification

- | | | | |
|------------------------------------|--------------------|---------------------------------|--|
| 1. Unit / filter condition display | 2. On / off switch | 3. Override switch | 4. Power inlet |
| 5. Locking castors | 6. Door hinge | 7. Hose inlet connection - 50mm | 8. Exhaust outlet |
| 9. Motor cooling inlet | 10. Door latch | 11. HEPA filter cage | 12. Optional start / stop interface connection |



Airflow through filters

-  Contaminated air
-  Particulate
-  Pre filter
-  HEPA filter
-  Clean air



Technical data

	EU	UK
Dimensions (HxWxD)	610 x 670 x 765 mm	24.02 x 26.38 x 30.12"
Cabinet construction	Powder coated mild steel	Powder coated mild steel
Max 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)
Weight	50kgs	110lbs
Approvals	CE	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 webbing spacers
Filter efficiency	99.997% @ 0.3 microns

Unit part numbers

Model	Option	Voltage	Part number	Part number for Australia and New Zealand only
DentalPRO Base DWX Powder coated unit		90 - 257v	4230851035-1638	4220851038-1293
DentalPRO Base DWX Powder coated unit	Compressor	100v	20430850038-1638	
DentalPRO Base DWX Powder coated unit	Compressor	230v	20430851538-1638	20420851538-1293
DentalPRO Base DWX Powder coated unit	Compressor	115v	20430850538-1638	

Replacement filter part numbers

Description	Part number
Bag filter	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.