DentalPRO Universal

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Stand alone dust extraction system for CAD/CAM dental milling machines.

BOFA's DentalPRO Universal stand alone dust extraction system effectively removes smaller particulates generated during the CAD/ CAM milling of dental implants. 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 unit's high vacuum pump is brushless and designed for continuous running for longer periods of time before requiring servicing. The bag filter has a large 18 litre capacity and the HEPA filter is very high efficiency.

Technology

HEPA filter	ProTECT service plan	SureCHECK quality standard

Key features of the DentalPRO Universal

Digital speed control - for variable airflow rates Standard	**Auto sensing voltage (90-257v) for global use** Standard
High vacuum pump for effective capture from source Standard	**Brushless motor (for longer periods of time before servicing)** Standard
Filters with long life and low replacement cost Standard	**High efficiency 5 layer large capacity easy change filter** Standard
HEPA filtration Standard	**Filter full indicator** Standard
Quiet in operation Standard	**Small footprint** Standard
24V remote stop / start interface + override Optional	**Filter signal** Optional

Contact BOFA at **https://bofainternational.com/en/contact/**

https://bofainternational.com/en/portal/datasheets/dentalpro-universal/

Technical specification

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. Optional interface connection

Top

Front

Right side

Back

Airflow through filter

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
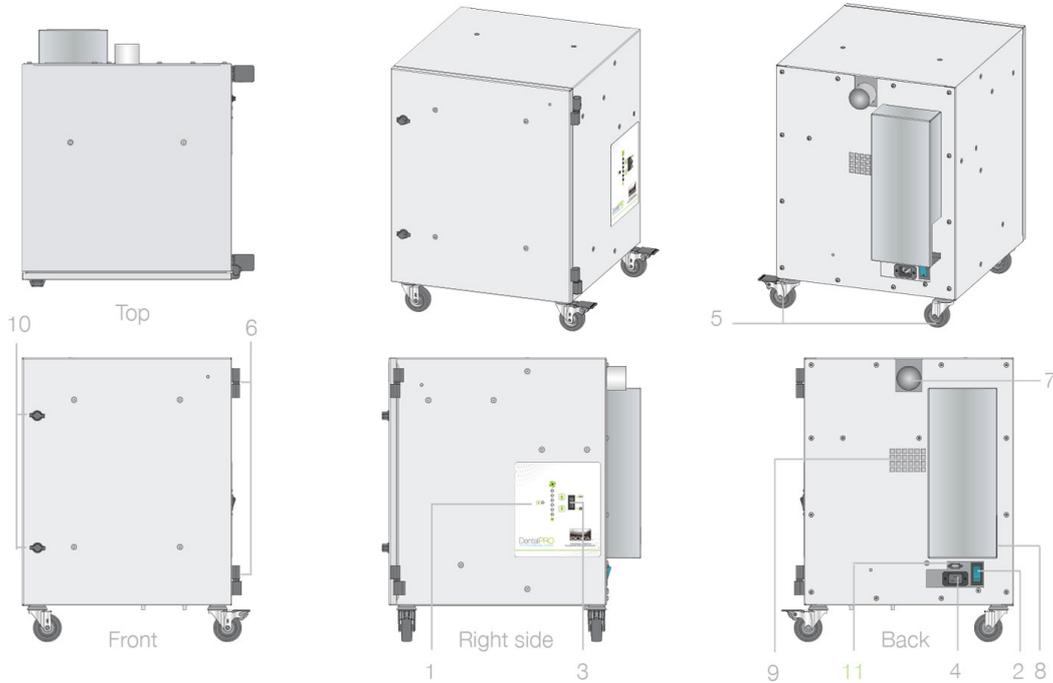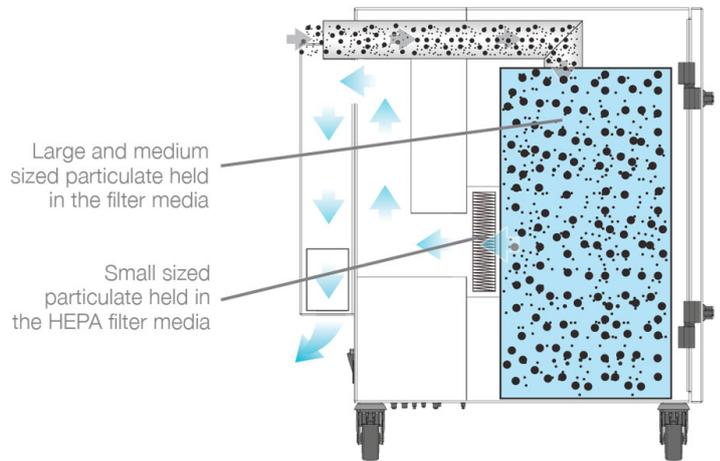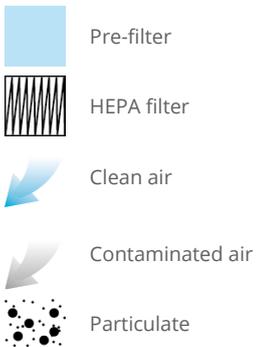
Technical data		
	EU	US
Dimensions (HxWxD)	590 x 460 x 535 mm	23.23 x 18.11 x 21.06"
Cabinet construction	Powder coated mild steel	Powder coated mild steel
Max airflow / pressure	285m³/hr / 96mbar	167cfm / 96mbar
Electrical data	115 - 230v Single-phase 1~ 50/60Hz Full load current: 12.5 amps / 1.1kw	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

Technical data

Approvals	UKCA and CE	UKCA and CE

Pre-filter bag 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	99.997% @ 0.3 microns

Unit part numbers

Model	Voltage	Part no.	Stop / start	Filter change signal
DentalPRO Universal	100-230v	DL0844A0000	A2001	A2002

Replacement filter part numbers

Model	Pre-filter	HEPA filter
DentalPRO Universal	A1030382	A1030383

Hose kits

Description	Part number
4m x 50mm flex with cuffs	A1020115

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.

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