



A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

# DentalPRO Base

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Base dust extraction system, for CAD/CAM dental milling machines.

BOFA's DentalPRO Ride On Base dust extraction system removes smaller particulates generated during the CAD/CAM milling of dental implants. The unit is designed for a CAD/CAM milling machine to be securely placed on top of the extraction system, which itself doubles up as a space-saving stand.

The unit has a high-efficiency two-stage filtration process which helps workplace environments 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 long periods of time.

An added optional extra is an onboard compressor providing the miller with clean oil-free air for all compressed air requirements.

## 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

## Technical specification

1. Unit / filter condition display

2. On / off switch

3. Override switch

4. Power inlet

Contact BOFA at <https://bofainternational.com/en/contact/>  
<https://bofainternational.com/en/portal/datasheets/dentalpro-base/>



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

5. Locking castors

6. Door hinge

7. Hose inlet connection - 50mm

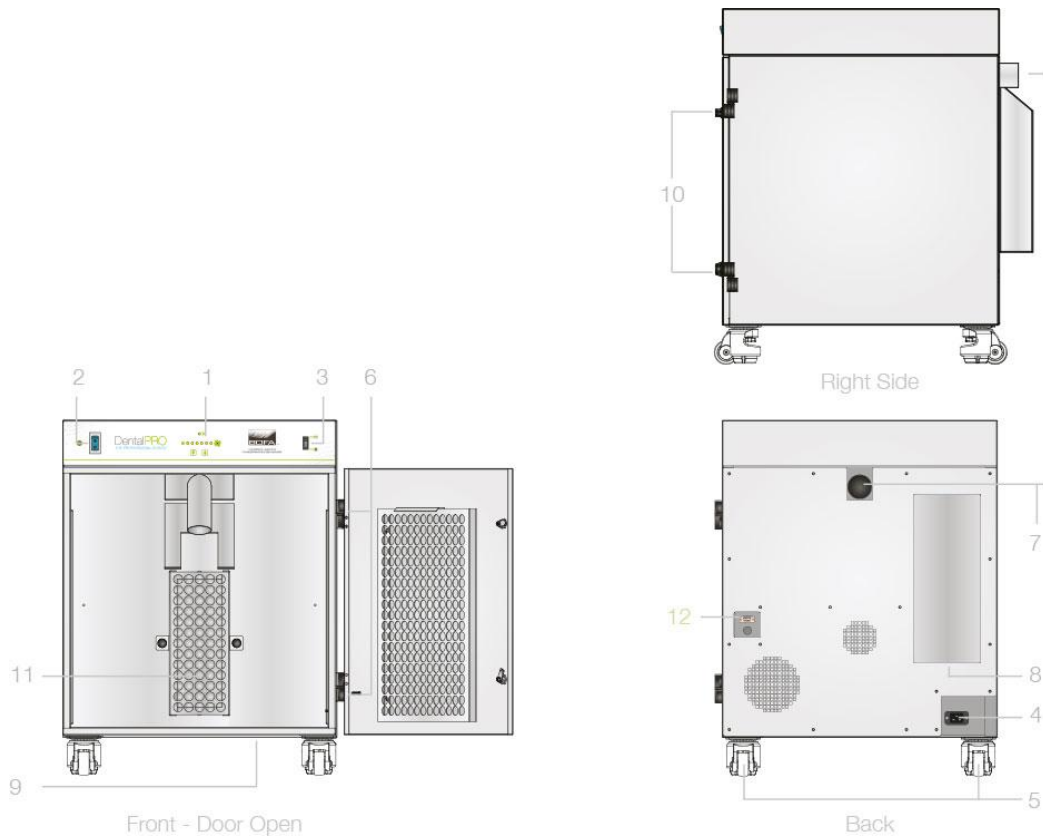
8. Exhaust outlet

9. Motor cooling inlet

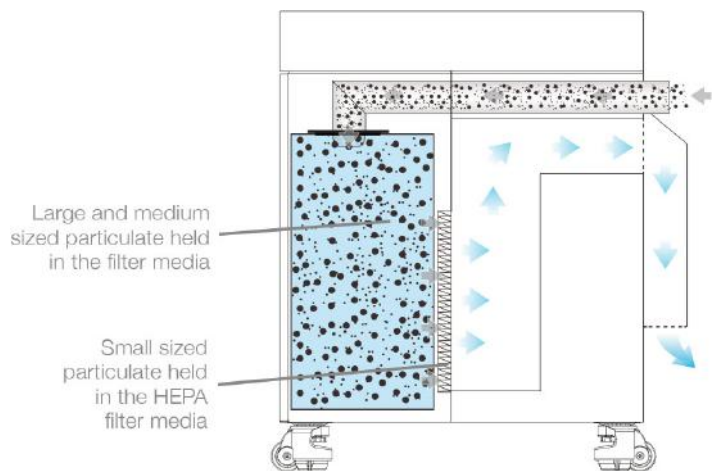
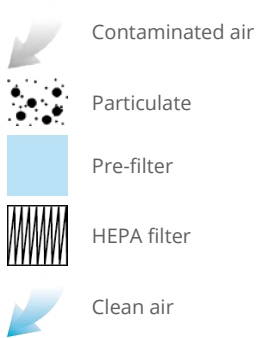
10. Door latch

11. HEPA filter cage

12. Optional start / stop interface connection



### Airflow through filters



### 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 <sup>3</sup> /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)

## Technical data

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	99.997% @ 0.3 microns

## Unit

Model	Options	Voltage	Part number
DentalPRO Base - Powder coated unit	N/A	90 - 257v	DL1342A0000
	24v stop / start override filter change signal	90 - 257v	DL1342A0003
	Compressor	230v	DL1342A8202
	Compressor	115v	DL1341A8202

## Replacement filters

Description	Part number
Bag filter	A1030382
HEPA filter	A1030383

## Hose kit

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 VOCs, 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.

**Important Notice:** Many factors beyond the control of BOFA can affect the use and performance of BOFA products in a particular application, including the conditions under which the product is used. Since these factors are uniquely within the user's knowledge and control, it is essential the user evaluate the products to determine whether the product is fit for the particular purpose and suitable for the user's application. All products, product specifications, availability and data are subject to change without notice, and may vary by region or country.

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