



A Donaldson Company

A WORLD LEADER IN FUME  
EXTRACTION TECHNOLOGY

# DentalPRO Mono

Last Updated on 02.02.2022



Fume extraction system for monomer mixing applications.

BOFA's DentalPRO Mono under bench fume extraction system helps to remove fumes and vapours emitted by the mixing of monomers in dental laboratories.

Designed for use with the DentalPRO Xtract 100 or 200 fume cabinets, the DentalPRO Mono is ideally suited to monomer mixing applications with its large chemical filter.

The low noise, high vacuum pump used in the DentalPRO Mono is brushless and designed for continuous running for long periods of time before requiring servicing.

This system combines maximum technician protection in a small footprint, easy to operate unit with low running costs.

## Technology



Advanced carbon filter (ACF) technology



ProTECT service plan



SureCHECK quality standard

## Key features of the DentalPRO Mono

High efficiency filters  
Standard

Low running costs  
Standard

Quiet operation  
Standard

Simple operation  
Standard

Small footprint  
Standard

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



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

## Technical specification

1. Hose inlet connections - 75mm

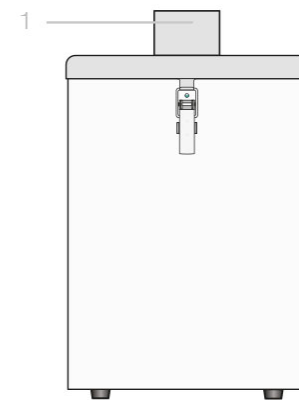
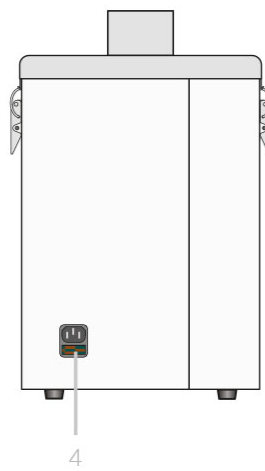
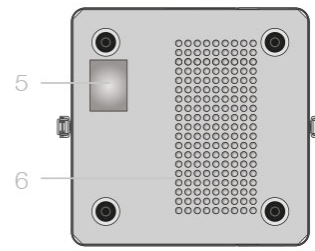
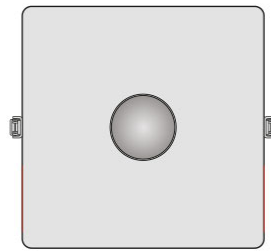
2. On / off switch

3. Unit / filter condition display

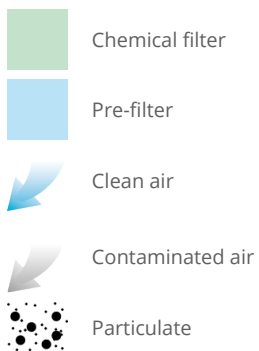
4. Power inlet

5. Exhaust outlet

6. Motor cooling inlet

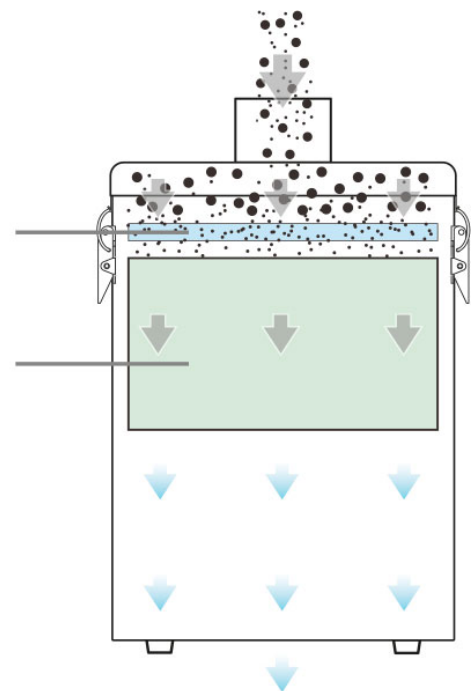


## Airthrough flow filters



Particulate is held in the pre filter

Fume and vapors are captured in the full chemical gas filter layer



## Technical data

	EU	US
Dimensions (HxWxD)	405 x 290 x 270 mm	15.94 x 11.42 x 10.63"
Cabinet construction	Powder coated mild steel	Powder coated mild steel
Max airflow / pressure	180m <sup>3</sup> /hr / 30mbar	106cfm / 30mbar
Electrical data	230v Single-phase 1~ 50/60Hz Full load current: 0.9 amps / 135 watts	115v 60/50Hz Full load current: 1.2 amps / 135 watts
Noise level	< 54dBA (at typical operating speed)	< 54dBA (at typical operating speed)
Weight	13kgs	28.6lbs
Approvals	UKCA and CE	UKCA and CE

## Pre-filter specifications

Filter media	Polyester
Filter media construction	Pad
Filter efficiency	96% @ 2 microns

## Chemical filter specifications

Filter housing	Zintec mild steel
Treated activated carbon	5kgs (11 lbs)

## Unit part numbers

Model	Voltage	Part number
DentalPRO Mono - Powder coated unit, single port 75mm lid	230v	DL2043A0000
DentalPRO Mono - Powder coated unit, single port 75mm lid	115v	DL2041A0000

## Replacement filter part numbers

Description	Part number
Bag filter	A1030380
Combined chemical filter	A1030381

## Bench top hose kit - needed if ordering arm accessories

Description	Part number
Hose kit with fliptop table mount to connect to DentalPRO desk accessory	A1020309

## Cabinet hose kit - needed if ordering cabinet accessories

Description	Part number
Hose kit to connect to DentalPRO Xtract cabinet	A1020068

## Arm accessories

Description	Part number
DentalPRO LED light arm - 50mm stay put arm	A1020314
DentalPRO down draught tray - 50mm flexi hose	A1020316
DentalPRO plenum funnel arm - 50mm stay put arm	A1020315

## Cabinet accessories

Description	Part number
DentalPRO Xtract 100	D0945A0000
DentalPRO Xtract 200	D0946A0000
DentalPRO Xtract 300	D0947A0000

*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.*

*Think before you print! Please consider the environment before printing this document.*

