



MAXDER GROUP S.R.L.

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THE WORLD LEADER IN
FUME EXTRACTION TECHNOLOGY

AD Nano

LASER

Last Updated on 29.08.2018



The compact fume extraction system designed for small scale industrial environments and light in laser coding applications.

The AD Nano fume extraction and filtration system has been designed to provide cost effective solutions for light to medium duty applications. These compact systems are ideal for small scale industrial environments and light laser coding applications. The Reverse Flow Air and DeepPleat DUO filter technology enhances filter performance and ensures longer filter life.

Technology



DeepPleat DUO
pre filter



HEPA filter



Reverse flow air
(RFA) technology



Advanced carbon
filter (ACF)
technology



Patented
technology



ProTECT service
plan



SureCHECK
quality standard

Key features of the AD Nano

Reverse flow air technology
Standard

Long life, low cost replacement filters
Standard

Advanced carbon filter (ACF) and HEPA technology
Standard

Low noise levels
Standard

Remote stop / start interface
Optional

`Easi-Seal` filter location
Standard

DeepPleat DUO pre filter
Standard

Small footprint
Standard

VOC gas sensor (Volatile Organic Compound)
Optional

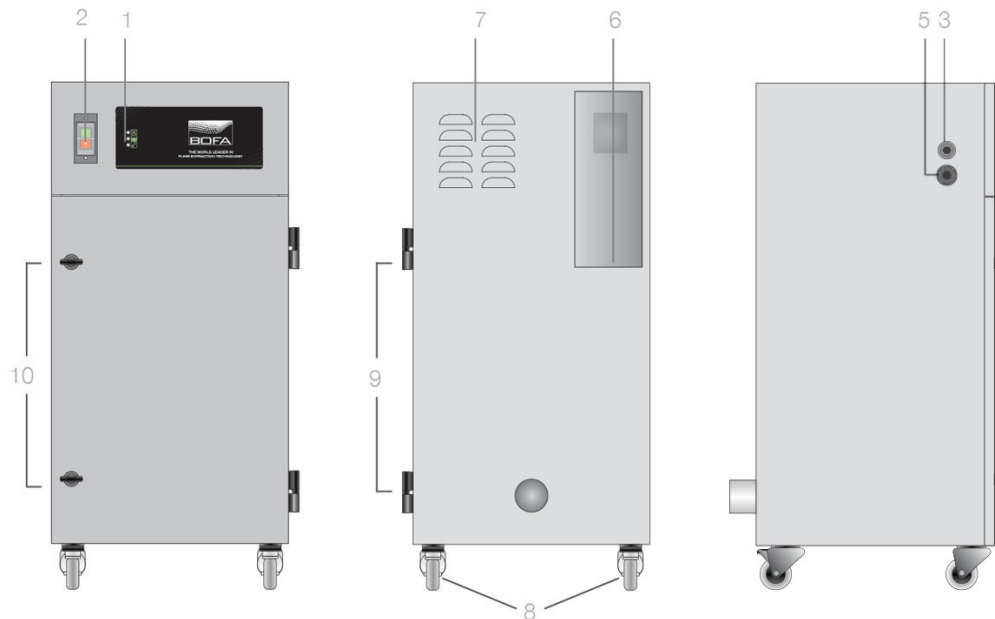
Filter change / System fail signal
Optional

Contact MAXDER at WWW.MAXDERBANCHI.COM









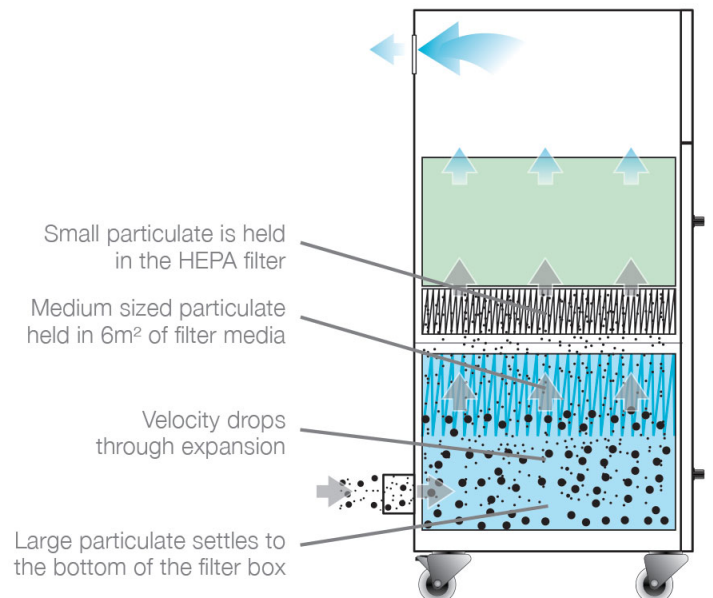
Technical specification

- | | | | |
|-----------------------------|--------------------|---------------------------------|---------------------------------|
| 1. Filter condition display | 2. On / off switch | 3. Signal / interface cable | 4. Hose inlet connection - 50mm |
| 5. Power cable inlet | 6. Exhaust outlet | 7. Motor cooling inlet / outlet | 8. Castors |
| 9. Door hinge | 10. Door latch | | |



Airflow through filters

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



Technical data

	EU	US
Dimensions (HxWxD)	770 x 375 x 420mm	30.32 x 14.76 x 16.54"
Cabinet construction	Brushed stainless steel / Powder coated mild steel	Brushed stainless steel / Powder coated mild steel
Airflow / Pressure	170m³/hr / 30mbar	100cfm / 30mbar
Electrical data	230v 50/60Hz Full load current: 1.1 amps / 135 watts	115v 50/60Hz Full load current: 1.2 amps / 135 watts



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Technical data		
Noise level	< 60dBA (at typical operating speed)	< 60dBA (at typical operating speed)
Weight	40kg	88lbs
Approvals	CE	CE

DeepPleat DUO pre filter specifications	
Surface media area	6m² approx (64.5 ft²)
Filter media	Glass fibre
Filter media construction	150mm maxi fold construction with webbing spacers (0.49ft)
Filter housing	Zintec mild steel
Filter efficiency	92% @ 0.8 microns
Inlet size	50mm (0.16ft)
Dropout chamber size	7.44 litres

Combined filter specifications	
HEPA filter media	Glass fibre
HEPA media construction	50mm Maxi pleat construction with webbing spacers (0.16ft)
Filter housing	Zintec mild steel
Treated activated carbon	6.75kgs (14.85 lbs)
Filter efficiency	99.997% @ 0.3 microns

Part numbers						
Model	Voltage	Part no.	24V stop / start	Filter change / System failure signal	VOC monitoring	Hose kit
AD Nano powder coated	230V	L2942A	A2001	A2002	A2003	A1020007
AD Nano powder coated	115V	L2941A	A2001	A2002	A2003	A1020007
AD Nano stainless steel	230V	L2952A	A2001	A2002	A2003	A1020007
AD Nano stainless steel	115V	L2951A	A2001	A2002	A2003	A1020007

Replacement filters		
Model	DeepPleat DUO pre filter	Combined filter
AD Nano	A1030190	A1030191



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