




THE WORLD LEADER IN
FUME EXTRACTION TECHNOLOGY

AD Nano

Advantage

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, whilst the Reverse Flow filter technology enhances filter performance and ensures longer filter life.

STANDARD FEATURES:

- Reverse flow
- 'Easi-Seal' filter location
- Long life, low cost replacement filters
-  DeepPleat DUO pre filter
- Small footprint
- Low noise level

OPTIONAL FEATURES:

- VOC gas sensors (Volatile Organic Compound)
- Remote stop / start interface
- Filter change / System fail signal

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



Featuring DeepPleat DUO filter technology



Featuring Advanced Carbon Filter technology

TYPICAL APPLICATIONS:

- Lasering
- Welding
- Coding
- Cutting
- Marking
- Drilling
- Engraving



| PART NUMBERS | | | | | | |
|--------------------------|---------|----------|------------------|---------------------------------------|----------------|----------|
| Model | Voltage | Part No. | 24V Stop / Start | Filter change / System failure signal | VOC Monitoring | Hose Kit |
| AD Nano Powder Coated | 230V | L2952A | A2001 | A2002 | A2003 | A1020007 |
| | 115V | L2951A | | | | |

| REPLACEMENT FILTERS | | |
|---------------------|--------------------------|-----------------|
| Model | DeepPleat DUO Pre Filter | Combined filter |
| AD Nano | A1030190 | A1030191 |

| TECHNICAL DATA | | |
|----------------------|--|--|
| | 230V | 115V |
| Dimensions (HxWxD) | 743 x 360 x 400mm | 29.2 x 14.2 x 15.7" |
| 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: 0.9 amps / 135w | 115v 50/60Hz Full load current: 1.2 amps / 135w |
| Noise Level | < 56dBA* | < 56dBA* |
| Weight | 40kg | 88Lbs |

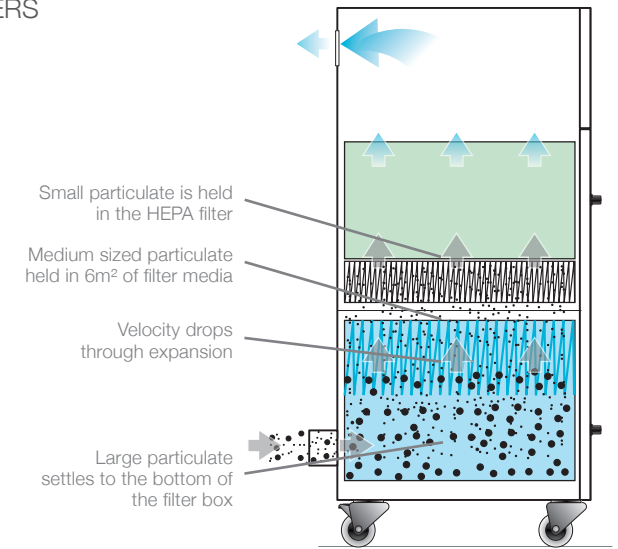
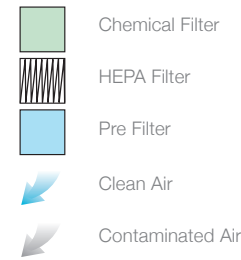
* At typical operating speed.

| DEEPPLEAT DUO PRE FILTER SPECIFICATIONS | |
|---|---|
| Surface Media Area | 6m² approx |
| Filter Media | Glass Fibre |
| Filter Media Construction | 150mm Maxi Fold construction with Webbing Spacers |
| Filter Housing | Zintec mild steel |
| Filter Efficiency | F8 (92% @ 0.8 microns) |

| COMBINED FILTER SPECIFICATIONS | |
|--------------------------------|--|
| HEPA Filter Media | Glass Fibre |
| HEPA Media Construction | 50mm Maxi Fold construction with Webbing Spacers |
| Filter Housing | Zintec Mild Steel |
| Treated Activated Carbon | 6.75kgs |
| Filter Efficiency | 99.997% @ 0.3 microns |

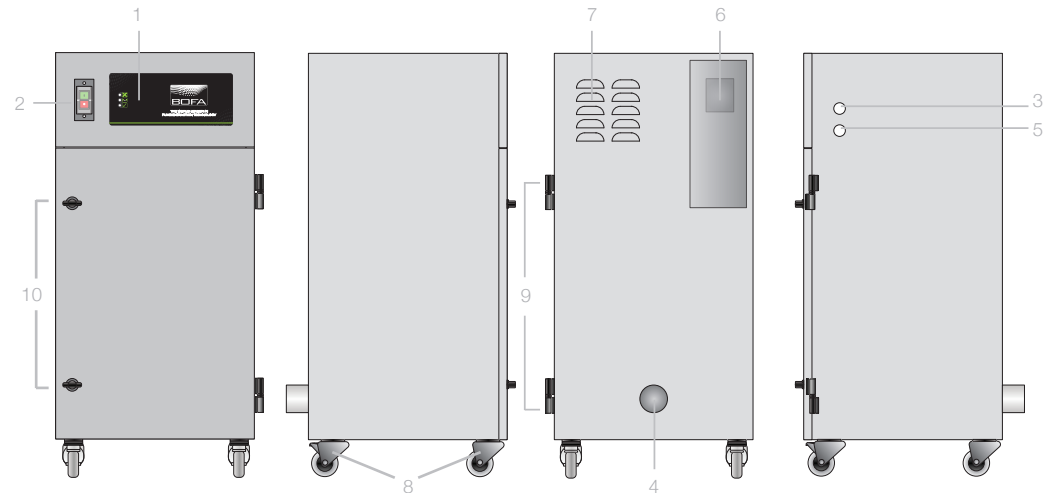
Other hose kits and filters are available. All of the above units are fitted with our standard filter combinations. For specific applications please call us for details. Replacement filters should always be ordered using the part number on the filters inside your extractor to ensure the correct filter is ordered. Datasheet correct at time of print.

AIRFLOW THROUGH FILTERS



TECHNICAL SPECIFICATION

- | | |
|--------------------------------|--------------------------------|
| 1 Filter Condition Display | 6 Exhaust Outlet |
| 2 On / Off Switch | 7 Motor Cooling Inlet / Outlet |
| 3 Signal / Interface Cable | 8 Castors |
| 4 Hose Inlet Connection - 50mm | 9 Door Hinge |
| 5 Power Cable Inlet | 10 Door Latch |



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