



A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

Mobile FumeKART

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Multi purpose mobile dust and fume extraction system for a wide range of applications.

The BOFA FumeKART is the ideal portable air extraction and filtration unit and can be applied to a variety of applications.

Designed to filter dust particles, mould spores, solvent vapours and other pollutants from the work environment, the FumeKART is easy to operate and maintain and provides the additional benefit of being fully portable.

The FumeKART mobile fume extractor provides users with flexibility and the assurance of high performance filtration. A filter condition indicator is included as a standard feature, together with three stage filtration: pre filter, HEPA and gas filter.

Ideal for laser applications, hand soldering, jewellery manufacturing, laser hair removal and lots more...

Technology



DeepPleat pre filter



HEPA filter



Advanced carbon filter technology



Multi voltage sensing unit



ProTECT service plan



SureCHECK quality standard

Key features of the Mobile FumeKART

Three stage filtration - F8 Pre filter / HEPA / Gas filter
Standard

Low noise level
Standard

VOC Sensing (Volatile Organic Compound)
Optional

Complete with filter condition indicator
Standard

Digital air flow control
Standard

Various Arm / Hood Options
Optional

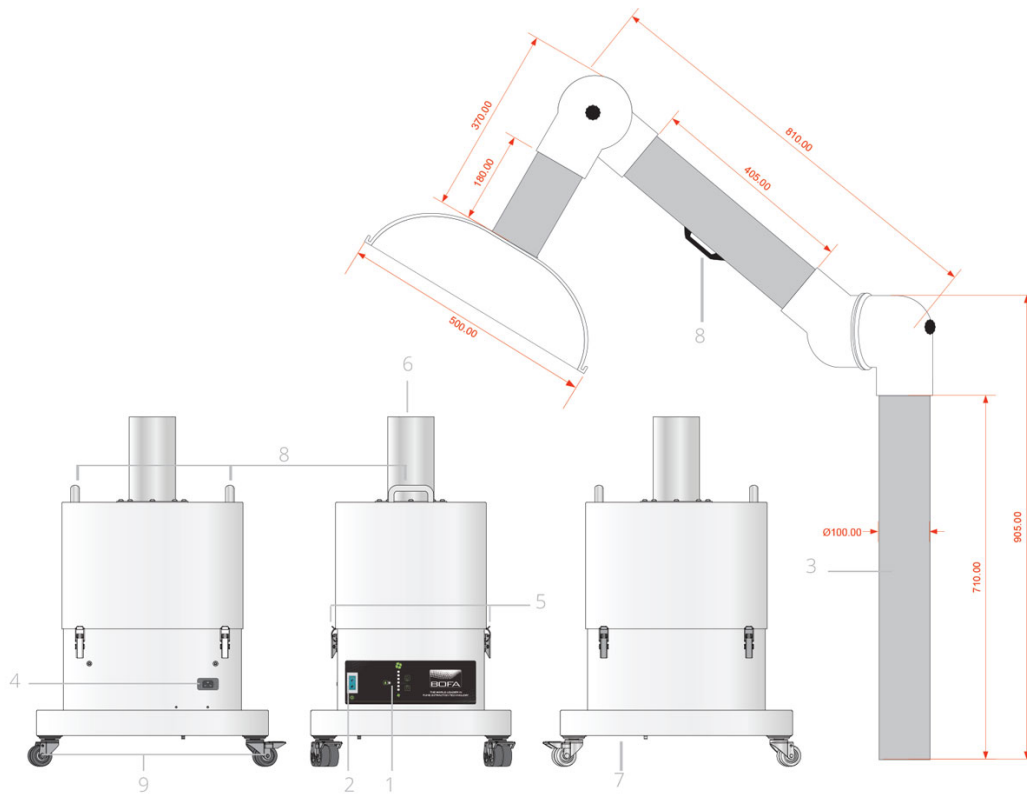
Contact BOFA at <https://bofainternational.com/en/contact/>

<https://bofainternational.com/en/portal/datasheets/mobile-fumekart/>









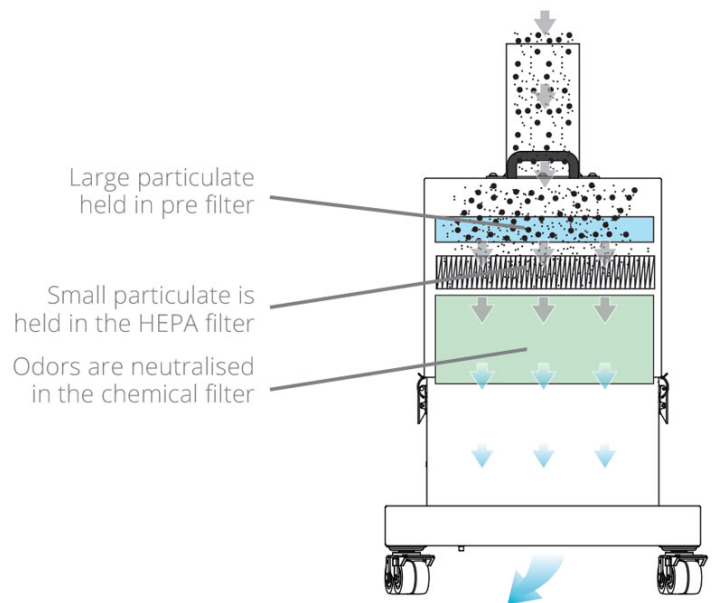
Technical specification

- 1. Unit / Filter condition display
- 2. On / Off switch
- 3. Extractor arm - 75/100mm
- 4. Power cable inlet
- 5. Filter housing latch
- 6. Hose inlet connection
- 7. Exhaust outlet
- 8. Handle
- 9. Castors



Airflow through filters

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



Technical data

| | CE | US |
|----------------------|--|--------------------------|
| Dimensions (HxWxD) | 840 x 475 x 550mm (without arm / spigot) | 33.07 x 18.70 x 21.65" |
| Cabinet construction | Powder coated mild steel | Powder coated mild steel |

Technical data

| | | |
|-------------|--|--|
| Blower | Centrifugal turbine | Centrifugal turbine |
| Airflow | 380m ³ /hr | 223cfm |
| Electronics | 90 - 257v 1ph 50/60Hz Full load current: 12.5 amps | 90 - 257v 1ph 50/60Hz Full load current: 12.5 amps |
| Noise level | < 64dBA (at typical operating speed) | < 64dBA (at typical operating speed) |
| Weight | 54kg | 119lbs |
| Approvals | CE | CE |

Pre filter specifications

| | |
|---------------------------|--|
| Surface media area | 8.25m ² approx (88.77 ft ²) |
| Filter media | Glass fibre |
| Filter media construction | Maxi pleat |
| Housing | Cardboard |
| Filter efficiency | 95% @ 0.9 microns |

Combined filter specifications

| | |
|--------------------------|--|
| HEPA filter media | Maxi pleat |
| HEPA media construction | Maxi pleat construction with webbing spacers |
| Filter efficiency | 99.997% @ 0.3 microns |
| Surface media area | 3.5m ² (37.66 ft ²) |
| Treated activated carbon | 12kgs (26.4 lbs) |
| Filter housing | Zintec mild steel |

Unit part numbers

| Model | Arm size | Part number |
|----------|----------|-------------|
| FumeKART | 100mm | L3324A |
| FumeKART | 75mm | L3224A |

Unit option

| Description | Feature | Arm Size | Part Number |
|-------------|----------------|----------|-------------|
| FumeKART | VOC Monitoring | 100mm | L3324A0004 |
| FumeKART | VOC Monitoring | 75mm | L3224A0004 |

Replacement filters

| Description | Part Number |
|-----------------|-------------|
| Pre Filter | A1030167 |
| Combined Filter | A1030166 |

75mm Arm Attachments

| Description | Part number |
|------------------------|-------------|
| 75mm Pen Nozzle | A1060150 |
| 200mm Metal Funnel | A1020344 |
| 420 x 320mm Clear Hood | A1020384 |
| 385mm Clear Round Hood | A1080136 |

100mm Arm Attachment

| Description | Part Number |
|------------------------|-------------|
| 350mm Metal Round Hood | A1080146 |
| 500mm Clear Round Hood | A1060152 |

Hood attachments



500mm clear round hood - 100mm arm attachment



380mm metal round hood - 100mm arm attachment



420 x 320mm clear hood - 75mm arm attachment



380mm clear round hood - 75mm arm attachment



200mm funnel - 75mm arm attachment



75mm pen nozzle - 75mm arm attachment

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.

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

