



A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY



## Base LV180

Last Updated on 07.11.2019



Fume extraction solution for the Roland LV-180 laser engraver/cutter.

The Base LV180 has been designed so that the Roland LV-180 engraver can sit on top of the extractor, effectively doubling it up as a work station. BOFA's 'Easi-Seal' filter location makes filter change easy, quick and safe.

The revolutionary Auto-Voltage Sensing Turbine automatically self adjusts to run on any voltage worldwide, while the Reverse Flow filter technology enhances filter performance and ensures longer filter life.

Automatic Flow Control allows the user to preset correct flow rates, giving lower noise levels and further protection of both the combined filter and the patented DeepPleat DUO pre filter.



### Technology



DeepPleat DUO pre filter



HEPA filter



Automatic flow control (AFC) technology



Reverse flow air (RFA) technology



Advanced carbon filter (ACF) technology



Multi voltage sensing (MVS) unit



Patented technology



SureCHECK quality standard

### Key features of the Base LV180

Auto sensing voltage (90v - 257v) for global use  
Standard

DeepPleat DUO pre filter  
Standard

HEPA and Gas combined filter  
Standard

'Easi-seal' filter location  
Standard

Low noise level  
Standard

Automatic flow control  
Standard

Advanced carbon filter technology  
Standard

Reverse flow  
Standard

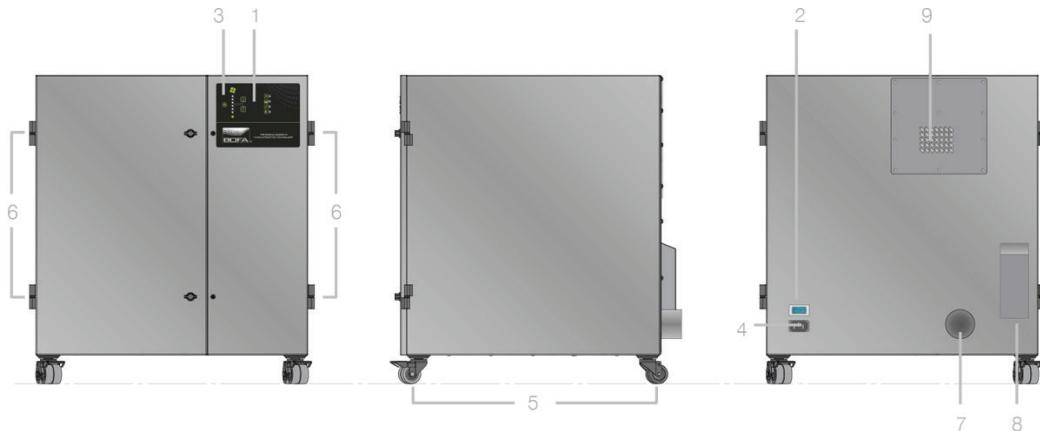
Small footprint  
Standard

[bofainternational.com/roland](http://bofainternational.com/roland)



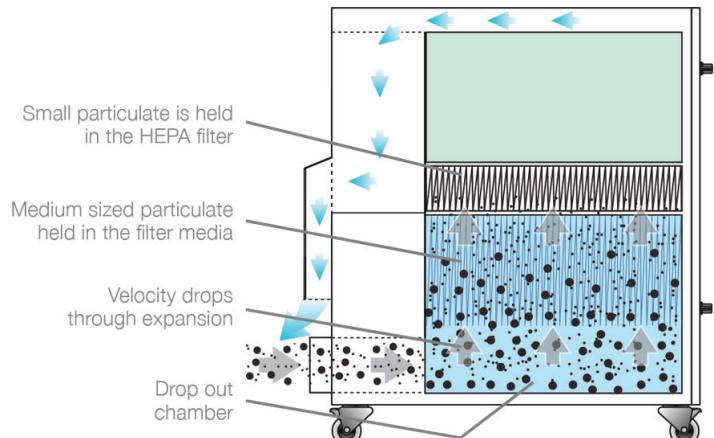
## Technical specification

- |   |                    |                                 |                      |
|---|--------------------|---------------------------------|----------------------|
| 1. Unit / Filter condition display - Automatic flow control | 2. On / off switch | 3. Standby button               | 4. Power cable inlet |
| 5. Castors  | 6. Door hinge      | 7. Hose inlet connection - 75mm | 8. Exhaust outlet    |
| 9. Motor cooling inlet                                      |                    |                                 |                      |



## Airflow through filters

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



## Technical data

	90-257V
Dimensions (HxWxD)	790 x 735 x 740mm (31.10 x 28.94 x 29.13")
Cabinet construction	Powder coated mild steel
Airflow / Pressure	380m³/hr / 96mbar (223cfm / 96mbar)
Electrical data	90v - 257v 1ph 50/60Hz Full load current: 12.5 amps / 1.1kw
Noise level	< 64dBA (at typical operating speed)
Weight	86kg (189lbs)
Approvals	CE

## DeepPleat DUO pre filter specifications

Surface media area	12m <sup>2</sup> approx (129.12 ft <sup>2</sup> )
Filter media	Glass fibre
Filter media construction	Maxi Pleat with webbing spacer
Filter housing	Zintec mild steel
Filter efficiency	95% @ 0.9 microns
Inlet size	75mm (0.24ft)
Dropout chamber size	16.2 litres
Filter media pleat size	200mm (0.65 ft)

## Combined filter specifications

HEPA filter media	Glass fibre
HEPA media construction	Maxi pleat construction with webbing spacers
Filter housing	Zintec mild steel
Treated activated carbon	15kgs (33 lbs)
Filter efficiency	99.997% @ 0.3 microns

## Part numbers

Model	Voltage	Part no.	Hose kit
Base LV180 Powder coated	90V - 257V	30771513-1462	A1020010

## Replacement filters

Model	DeepPleat DUO pre filter	Combined filter
Base LV180	A1030156	A1030155

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.

