



A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY



PrintPRO Universal

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Fume extraction system for the Roland LEC, LEJ and LEJ flatbed printers.

BOFA's pioneering extractor, the PrintPRO Universal was designed as a portable fume extractor on the Roland LEC, LEJ and LEJ flatbed printers. The system's unique features enable it to effectively filter a wide range of potentially harmful solvents generated within the printing environments, including MEK, Ketones and Ozone from UV applications.

The PrintPRO Universal is easily adapted to a range of environments, including wide format printers, inkjet coding printers (CIJ) (both solvent and UV) and numerous mailroom applications such as UV coating, hot melt glue binding and mailwrap polywrapping.

Technology



HEPA filter



Advanced carbon filter (ACF) technology



Multi voltage sensing (MVS) unit



ProTECT service plan



SureCHECK quality standard

Key features of the PrintPRO Universal

VOC gas sensor (Volatile Organic Compound)
Standard

Extended life carbon for low cost of ownership
Standard

Low noise level
Standard

Compact size enables extraction unit to be positioned within the printer footprint
Standard

Powder coated for durability
Standard

Filter change indicator
Standard

Filter change signal
Optional

Auto sensing voltage (100-230v) for global use
Standard

Specially treated carbon for safer filtering of print fumes
Standard

Small footprint
Standard

Castors for portability
Standard

Digital speed control
Standard

24V Remote stop / start interface via printing machine
Optional

Quiet mode silencer box for office environments, with option to vent outside the building
Optional

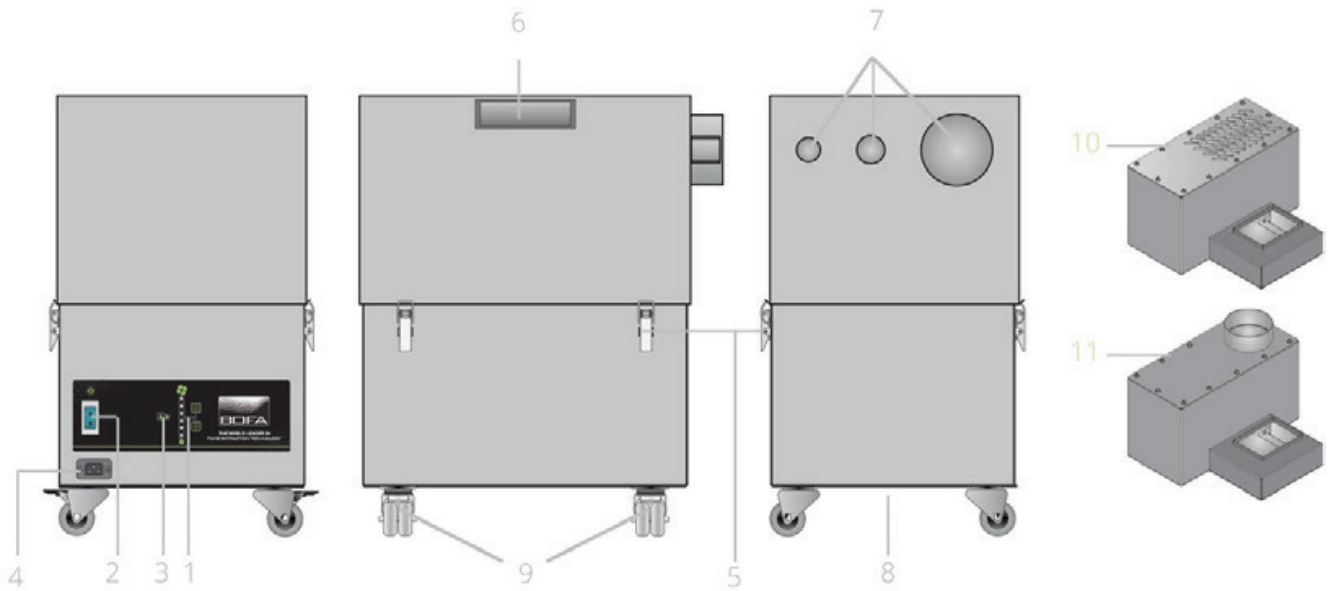
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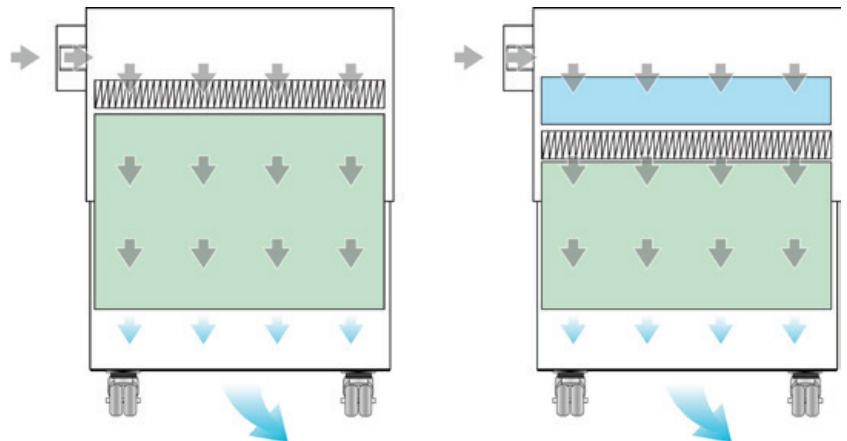
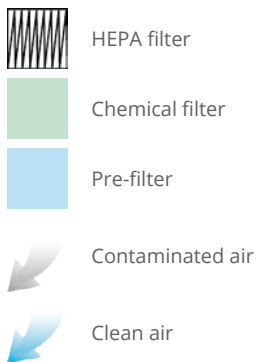
Approvals: REACH and RoHS. See individual product technical data for specific accreditations

Technical specification

- | | | | |
|--------------------------|---------------------------------------|---|--------------------------|
| 1. Digital speed control | 2. On / off switch | 3. Filter condition display | 4. IEC power cable inlet |
| 5. Lid fastening latches | 6. Handles | 7. Hose inlet connections - 32mm / 38mm / 100mm | 8. Exhaust outlet |
| 9. Castors | 10. Optional silencer box with grille | 11. Optional silencer box with spigot | |



Airflow through filters



Technical data

	EU	US
Dimensions (HxWxD)	625 x 385 x 525 mm	24.60 x 15.16 x 20.67"
Cabinet construction	Powder coated mild steel	Powder coated mild steel
Airflow / pressure	380m ³ /hr / 96mbar	223cfm / 96mbar
Electrical data	100-230v Single-phase 1~ 50/60Hz Full load current: 12.5 amps / 1.1kw	100-230v Single-phase 1~ 50/60Hz Full load current: 12.5 amps / 1.1kw
Noise level	< 68dBA (at typical operating speed)	< 68dBA (at typical operating speed)
Weight	51kgs	113lbs
Approvals	UKCA and CE	cUL, UL*

HEPA / gas filter specifications

Treated activated carbon	20kgs (44 lbs)
Filter media	Borosilicate
Filter housing	Zintec mild steel
Surface media area	3.5m ² approx (37.66 ft ²)

Optional DeepPleat pre-filter specifications

Surface media area	7.5m ² approx
Filter media	Borosilicate
Filter media construction	Maxi pleat construction with glue bead spacers
Filter housing	Card
Filter efficiency	95% @ 0.9 microns

Optional HEPA / gas filter (with space for pre-filter) specifications

HEPA filter media	Borosilicate
Surface media area	3.5m ² approx
HEPA media construction	Maxi pleat construction with glue bead spacers
Filter efficiency	99.995% @ 0.3 microns
Treated activated carbon	11kgs
Filter housing	Zintec mild steel

Part numbers

Model	EU part number	US part number
PrintPRO Universal	8132021051-1127	BOFA-PRINTPRO
Replacement HEPA / gas filter	A1030158	BOFA-FILTER
Hose kit (4m) for LEJ flatbed (3.2m model only)	A1020273	BOFA-LEJF-HOSEKIT
Rigid media unit for LEC300 / 300A / 330	A1060022	LEC330 RMU
Rear vent extraction manifold - LEC300 / 300A / 330	A1020118	LEC330-RVEM
Rear vent extraction manifold - LEC540 + hose	A1020134	LEC540-RVEM
Rear vent extraction manifold - LEJ640 + hose kit (Not suitable for the LEJ 640F flatbed printer)	A1020134	LEJ640-RVEM
Manifold AJ740	A1020075	MAN-AJ740
Manifold AJ1000	A1020076	MAN-AJ1000
Vapor tray AJ740	A1060019	VT-AJ740
Vapor tray AJ1000	A1060020	VT-AJ1000



Rigid Material Unit (RMU)

The RMU is suitable for the LEC 300 / 300A / 300 printers and offers support for rigid materials. The unit provides a pull out shelf at the front and back giving further support for large media. The RMU can be purchased separately or as an optional extra with the extractor.

RMU - order code

Model	EU part number	US part number
Rigid media unit for LEC 300 / 300A / 330	A1060022	LEC330 RMU



Rear Vent Extraction Manifold (RVEM)

The RVEM is recommended for use with the LEC300 / 300A / 330 / 540 / LEJ 640** printers and offers additional extraction by filtering fumes expelled from the printers rear air vent, helping to give optimum extraction.

** Note: this is not suitable for the LEJ 604F flatbed printer.

RVEM - order code

Model	EU part number	US part number
Rear vent extraction manifold - LEC300 / 300A / 330	A1020118	LEC330-RVEM
Rear vent extraction manifold - LEC540 + hose kit	A1020118	LEC540-RVEM
Rear vent extraction manifold - LEJ640 + hose kit (not suitable for the LEJ 640F flatbed printer)	A1020134	LEJ640-RVEM

Roland are registered in the U.S. Patent and Trademark office.

* Tested to UL and cUL standards, but testing may be provided by alternate nationally recognised test laboratories. Certain product configurations may affect the UL certification. Please speak to your sales representative.

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.*

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