



A Donaldson Company

A WORLD LEADER IN FUME
EXTRACTION TECHNOLOGY

PrintPRO 800 DS

PRINTING

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Mid to high-end fume extraction system for dye-sublimation printers.

The PrintPRO 800 DS is BOFA's mid-range of fume extraction and filtration system. The PrintPRO 800 DS has been purposely designed to filter fumes generated from dye-sublimation printers. This extraction system combines extremely large filter capacity with high airflows and pressure. This combination makes it ideal for heavy-duty applications.

This system benefits from automatic flow control, which enables the end-user to set the required airflow for the application. The unit will then maintain this airflow throughout the life cycle of the filters.

The additional feature of BOFA's 'easi-seal' filter location mechanism makes filter change easy, quick and safe. A truly state of the art fume purification solution.

Technology



HEPA filter



Automatic flow control (AFC) technology



Reverse flow air (RFA) technology



Advanced carbon filter (ACF) technology



ProTECT service plan



SureCHECK quality standard

Key features of the PrintPRO 800 DS

Hydrophobic HEPA filters

Standard

Filters with long life and low replacement cost

Standard

Automatic fluid drain

Standard

VOC gas sensor (Volatile Organic Compound)

Optional

Filter change / system fail signal

Optional

Turbines with high airflow and pressure

Standard

Automatic flow control system

Standard

Fluid collection tray

Standard

Remote stop / start interface

Optional

Technical specification

1. Unit / filter condition display - automatic flow control

2. On / off isolator switch

3. Signal / interface cable

4. Power cable

5. Castors

6. Door hinge

7. Hose inlet connections - 125mm

8. Exhaust outlet

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

<https://bofainternational.com/en/portal/datasheets/printpro-800-ds/>



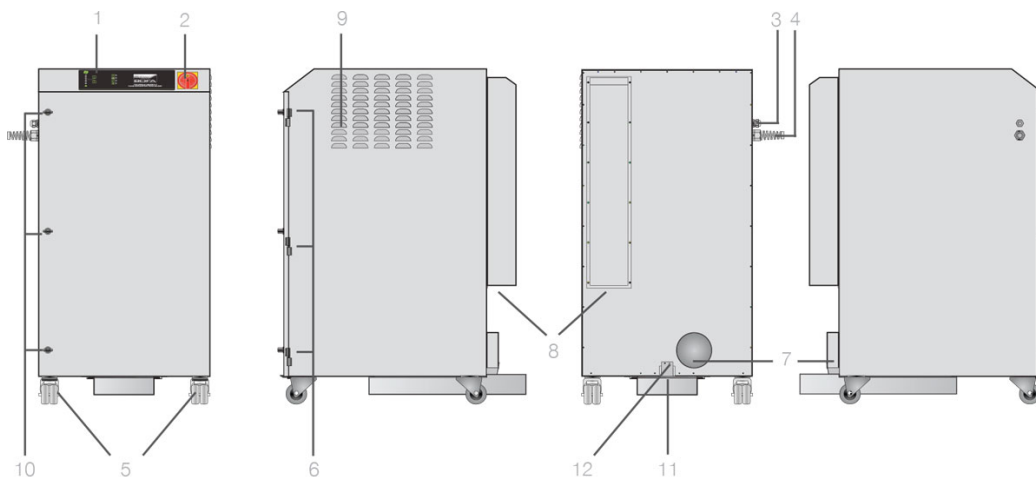
Approvals: REACH and RoHS. See individual product technical data for specific accreditations

9. Motor cooling inlet







10. Door latch

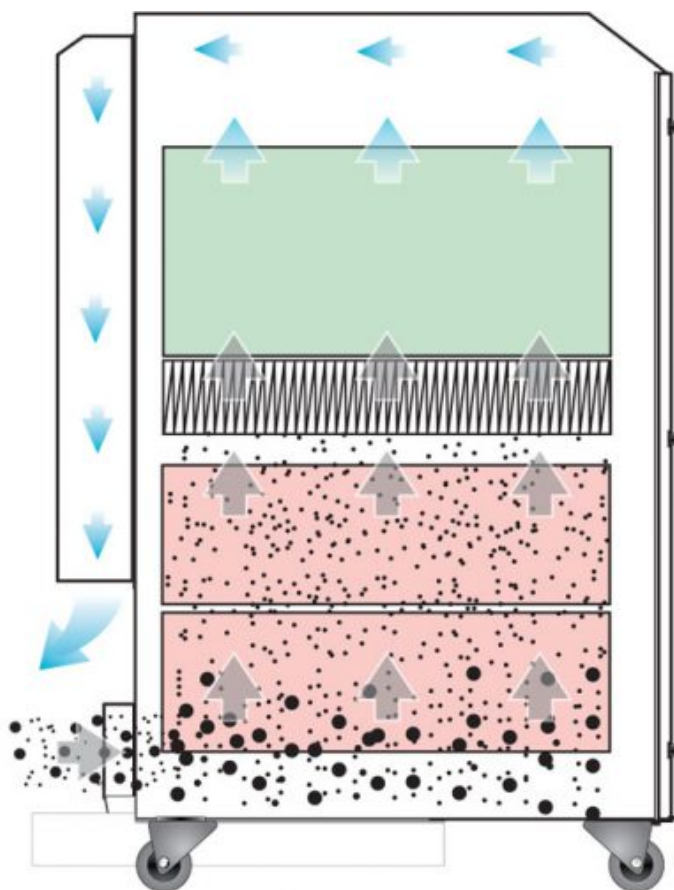
11. Removable fluid collection tray

12. Automatic drain tray



Airflow through filters

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



Technical data

| | 230V | 115V |
|----------------------|---|---|
| Dimensions (HxWxD) | 1170 x 600 x 713mm | 46.07 x 23.63 x 28.07" |
| Cabinet construction | Stainless steel | Stainless steel |
| Airflow / pressure | 760m ³ /hr / 96mbar | 447cfm / 96mbar |
| Electrical data | 100-240v Single-phase 1~ 50/60Hz Full load current: 25 amps / 2.2kw | 100-240v Single-phase 1~ 50/60Hz Full load current: 25 amps / 2.2kw |
| Noise level | < 68dBA (at typical operating speed) | < 68dBA (at typical operating speed) |

Technical data

| | | |
|-----------|-------------|-------------|
| Weight | 155kgs | 341lbs |
| Approvals | UKCA and CE | UKCA and CE |

HEPA filter specifications

| | |
|-------------------------|--|
| Surface media area | 7.5m ² approx (80.7 ft ²) |
| HEPA filter media | Hydrophobic borosilicate |
| HEPA media construction | Maxi pleat construction with glue bead spacers |
| Filter housing | Zintec mild steel |
| Filter efficiency | 99.997% @ 0.3 microns |

Sponge coalescent filter (x2) specifications

| | |
|------------|-------------------------|
| Foam media | 58 grade open cell foam |
| Dimensions | 600 x 500 x 150 (x2) |

Gas filter specifications

| | |
|--------------------------|-------------------|
| Filter housing | Zintec mild steel |
| Treated activated carbon | 30kgs (66 lbs) |

Unit part numbers

| Model | Voltage | Part no. |
|------------------------------------|-------------|----------|
| PrintPRO 800 DS Stainless steel | 115V - 230V | I3842A |

Options

| 24V stop / start | Filter change / system failure signal | VOC monitoring |
|------------------|---------------------------------------|----------------|
| A2001 | A2002 | A2003 |

Replacement filter part numbers

| Model | Part no. | Gas filter | HEPA filter |
|-----------------|----------|------------|-------------|
| PrintPRO 800 DS | A1030245 | A1030246 | A1030243 |

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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