

Shield

ENCLOSURE

A spacious enclosure for 3D printing processes

Ideal for: Filament deposition modeling, material extrusion, resin 3D printing, post-processing.

The Shield is a spacious enclosure designed to work with an extraction system to help reduce potential exposure to nanoparticles and VOCs released during 3D printing processes. It helps to minimize common print issues by shielding against temperature fluctuations caused by drafts from open windows or doors. Available as a standalone enclosure or bundled with selected Donaldson BOFA extraction systems for enhanced air quality management.

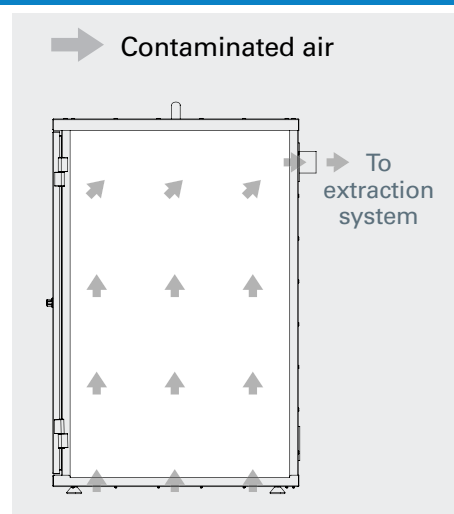
- Dual access points (top and front)
- Easy-to-assemble flat-pack design
- Reduces operational noise
- Helps open-framed printers maintain stable printing temperatures
- Transparent acrylic to allow visibility of print
- Deliberately oversized for easy print removal or consumable replacement without moving the printer
- Fully configurable with multiple feed-through options and adjustable door orientation
- Sturdy, high-quality construction

Technical specification

Dimensions	36.2 x 24.2 x 24.7"	920 x 616 x 628 mm
Weight	47.4 lbs	21.5 kg
Cabinet construction	Powder-coated metal and acrylic	



Airflow drawing



Available bundle option



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3D PrintPRO 3

FUME EXTRACTION SYSTEM

A freestanding system for 3D printers

Ideal for: VAT polymerization, fused filament fabrication, material jetting.

The 3D PrintPRO 3 filtration and atmosphere management system has been designed for 3D printers. It features an externally mounted plenum system that helps filter fumes generated during 3D printing processes. It includes a connection hose, a 'stay put' arm, a conical-shaped nozzle, and 'print your own' plenum instructions.







- Small footprint
- Low noise level
- Digital speed control
- Return airflow capabilities

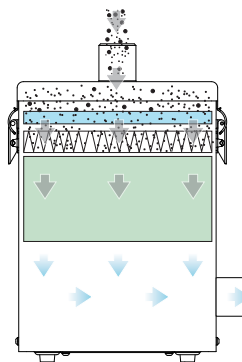
Approvals UKCA and CE

Technical specification






Dimensions	15.75 x 11.42 x 11.81"	400 x 290 x 300 mm
Weight	24 lbs	11 kg
Airflow / Pressure	70 cfm / 20 mbar	120 m³/hr / 20 mbar

Airflow drawing

-  Pre-filter
-  HEPA filter
-  Carbon filter
-  Particulate
-  Contaminated air
-  Clean filtered air



Features

-  HEPA filter
-  Advanced carbon filters
-  Multi-voltage sensing
-  Filter change signal (optional)
-  Remote stop/start signal (optional)

Available bundle option



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