Donaldson BOFA™

Shield

Datasheet

Technical Specification and Product Information

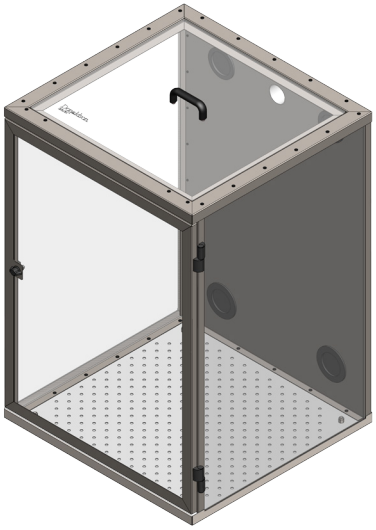
MJB L'expertise à votre service

A spacious enclosure for 3D printing processes

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.

FEATURES

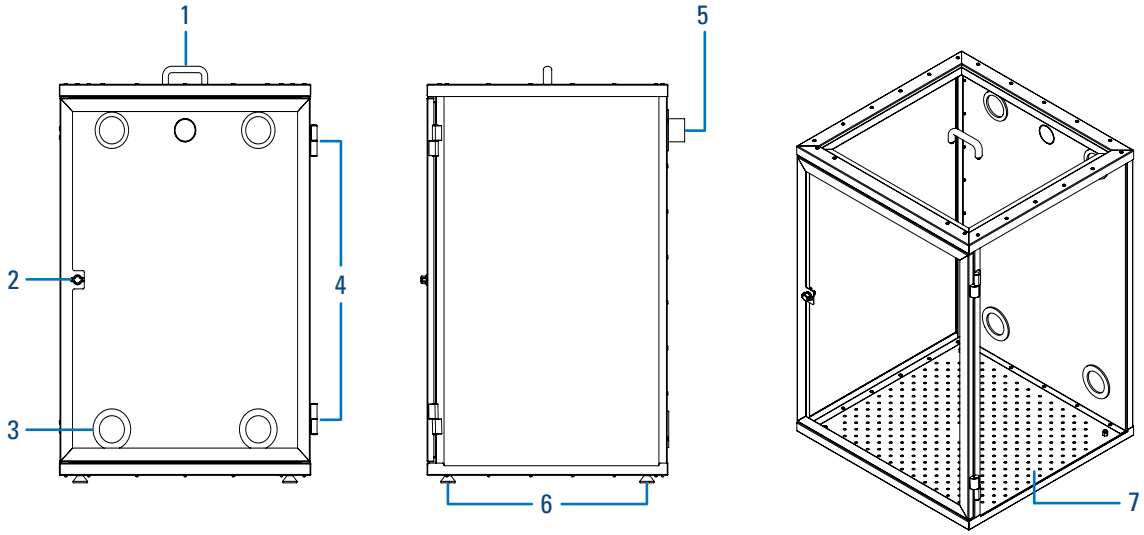
- Dual access points (top and front)
- Easy-to-assemble flat-pack design
- Reduces operational noise
- Helps open-framed printers maintain stable printing temperatures
- Transparent acrylic to allow visibility of print
- Deliberately oversized for easy print removal or consumable replacement without moving the printer
- Fully configurable with multiple feed-through options and adjustable door orientation
- Sturdy, high-quality construction. Powder coated frame with acrylic windows (4 mm thick).



Approvals: CE

TECHNICAL DATA

Dimensions (H x W x D)		Weight (+/- 5%)		Maximum temperature	
in	mm	lbs	kg	Fahrenheit	Celsius
36.2 x 24.2 x 24.7 (+/-0.07)	920 x 616 x 628 (+/- 2)	47.4	21.5	113	45



1. Handle
2. Door lock
3. Cable entry points (x4)
4. Hinges
5. Exhaust outlet 2" (50 mm)
6. Adjustable rubber feet
7. Ambient air inlet

PART NUMBERS

Description	Part number
Shield	1U25378203
Package with Shield, 3D PrintPRO 3 and hose kit	1U32361210
Package with Shield, V 600 and hose kit	1U30821212

PART NUMBERS - SPARES

Description	Part number
Cable entry grommets	1UA1060380
Replacement door locks kit	1UA1060162
Replacement feet	1UA1060030
Plastic molded hinge	1UA1060285
Snap rivets	1UA1060322
Nylon handle	1UA1060324

Datasheet correct at time of publishing. Where applicable, the carbon used in Donaldson BOFA systems 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 Donaldson can affect the use and performance of Donaldson 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.

bsi. ISO 9001 Quality Management
FS 643451
ISO 9001

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

MJB – 18 avenue du Gué Langlois – 77600 BUSSY ST MARTIN
Tel : 01.64.62.68.00 – Mail : infoMJB@mjb.fr
Internet : www.mjb.fr