

Spark Arrestor V2

Spark Reduction System

Datasheet

Technical Specification and Product Information

A spark reduction system for laser processes.

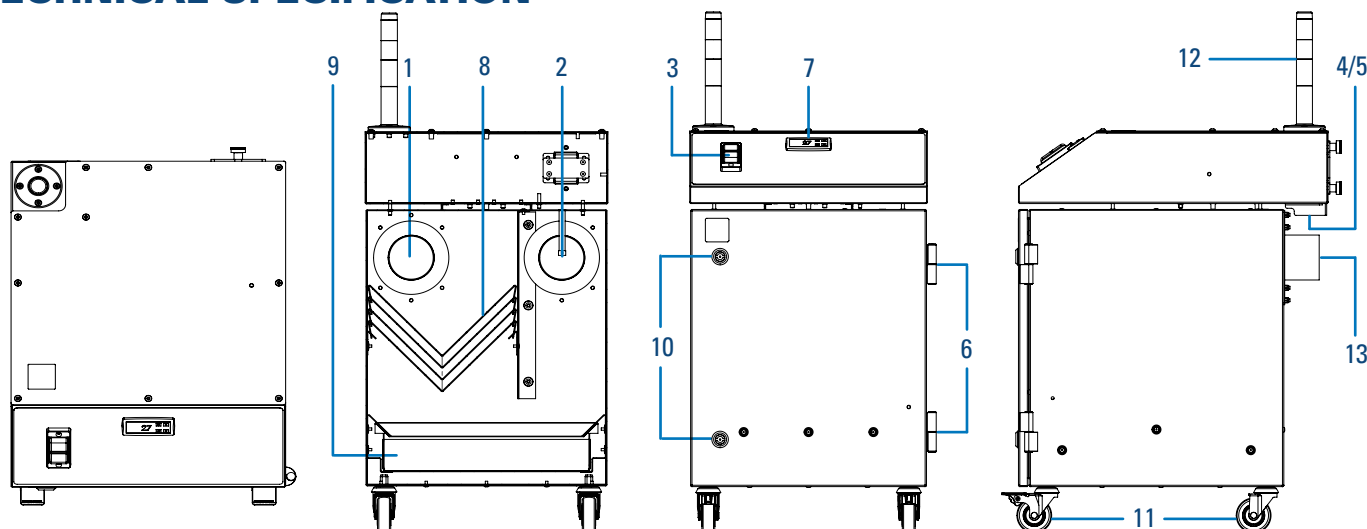
The Spark Arrestor V2 is a spark reduction system developed to help reduce fire risks in laser processes. It is designed to prevent potentially damaging particulate from entering the fume extraction system. If the temperature sensor inside the Spark Arrestor V2 detects a 18°F (10°C) rise above the ambient, it will sound an alarm and cut power to the extractor.

FEATURES

- Reduces fire risk
- Thermal flow cut-out
- Intercepts ignition sources

Approvals: UKCA and CE

TECHNICAL SPECIFICATION

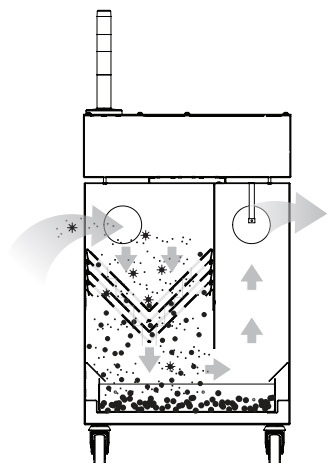
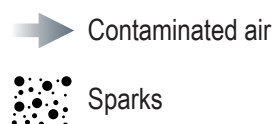


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|---|------------------------|
| 1. Hose inlet connection - 3.0/4.9" (76.5/125 mm) | 8. Baffle plates |
| 2. Exhaust outlet - 76.5 mm/125 mm | 9. Drop out tray |
| 3. On/off switch | 10. Door latches |
| 4. Power inlet | 11. Castors |
| 5. Power outlet | 12. Warning beacon |
| 6. Door hinges | 13. Temperature sensor |
| 7. Temperature display | |

TECHNICAL DATA

Voltage	Dimensions without beacon (H x W x D)		Dimensions with beacon (H x W x D)		Weight (+/- 5%)		Full load current
	in	mm	in	mm	lbs	kg	
100-230	26.4 x 16.3 x 21.1	670 x 415 x 535	34.3 x 16.3 x 21.1	870 x 415 x 535	90	41	0.5

AIRFLOW



CUSTOMIZATIONS

Options

Power cables
Exhaust spigot

Cabinet construction

Brushed stainless steel

Power cables

Type B
Type E
Type G

*Power module: Required when pairing the Spark Arrestor V2 with the AD 1500 iQ.

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

PART NUMBERS - SYSTEM

Description	Part number
Stainless steel, 100-230 V 76.5 mm spigot	1U30106163-1924-1
Stainless steel, 100-230 V 125 mm spigot	1U30106163-1924-2
Stainless steel, 100-230 V 76.5 mm and 125 mm spigot	1U30106163-1924-3
Stainless steel, 230 V Power module*	1U50106685
Stainless steel, 115 V Power module - UL**	1U105105685

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.



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

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DS-SPARK ARRESTOR V2-BOFA-US V1.1.