Spark Arrestor V2

Spark Reduction System

Datasheet

Technical Specification and Product Information

A spark reduction system for laser processes.



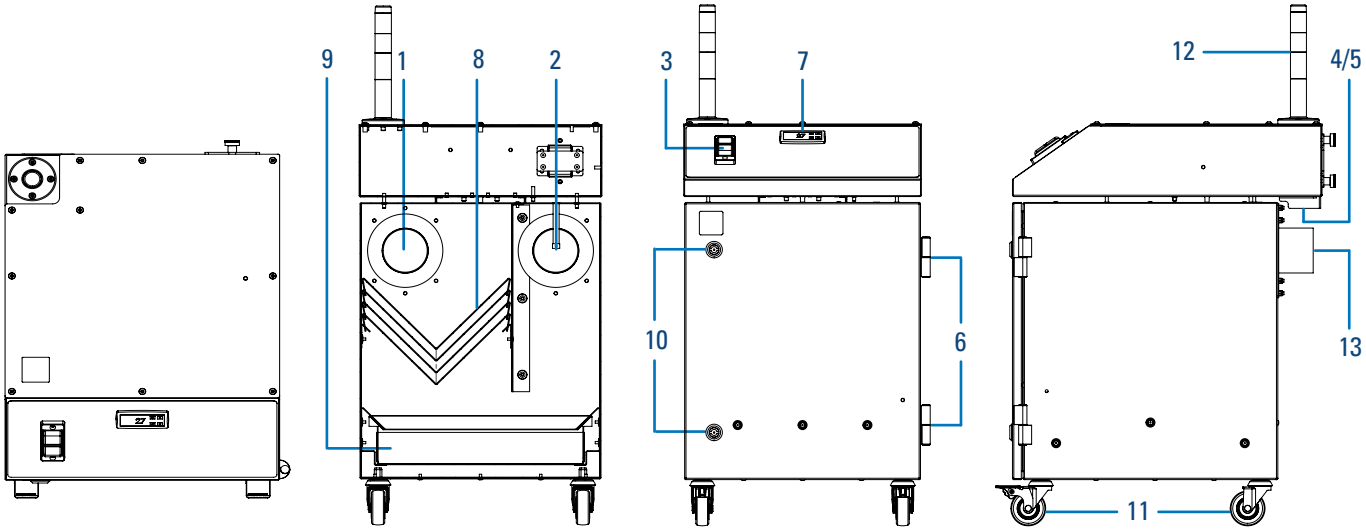
The Spark Arrestor V2 is a spark reduction system developed to help reduce fire risks in laser processes. It is designed to prevent potentially damaging particulate from entering the fume extraction system. If the temperature sensor inside the Spark Arrestor V2 detects a 18°F (10°C) rise above the ambient,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

FEATURES

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

Approvals: UKCA and CE

TECHNICAL SPECIFICATION



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

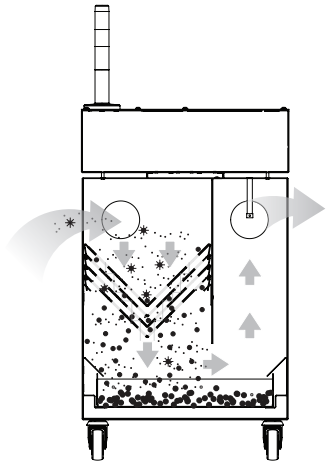
TECHNICAL DATA

Voltage	Dimensions without beacon (H x W x D)		Dimensions with beacon (H x W x D)		Weight (+/- 5%)		Full load current
V	in	mm	in	mm	lbs	kg	amps
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

Contaminated air

Sparks



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

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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.

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