

INTRODUCING A NEW ERA OF CONNECTIVITY

AD 1000 Pro OS **Connect**

An extraction system for medium to heavy-duty laser applications featuring our new intuitive operating system, Pro OS.

Introducing our latest innovation in connected technology: the AD 1000 Pro OS Connect fume extraction system, now equipped with Pro OS. Designed for medium to heavy-duty applications that produce significant particulate, it's an ideal solution for powerful, efficient extraction.



STAY CONNECTED:

A fully connected solution with a two-way live data stream direct to your laser or network.

STAY INTUITIVE:

The color touch screen offers an intuitive, user-friendly interface for easy operation.

STAY INFORMED:

The detailed system status shows any blockages in the system.

STAY PRODUCTIVE:

The filter life monitor provides real-time filter life percentage to help minimize downtime.

STAY GLOBAL:

Multi-language software supports 20 languages for worldwide accessibility.

STAY MONITORED:

Pressure monitoring provides real-time alerts for inlet and extraction system pressure issues.

STAY ALERT:

Customize alarm configurations to focus on what matters most to you.

STAY PROTECTED:

The USB lock screen offers enhanced security for controlled downloads.

INQUIRE TODAY!

For more information on the AD 1000 Pro OS Connect, get in touch with your Donaldson BOFA sales representative.

**INDUSTRY
4.0**

TECHNICAL SPECIFICATIONS

Unrestricted airflow* (+/- 10%)		Settable airflow range**		Pressure (+/- 3%)	Dimensions (H x W x D)		Weight (+/- 5%)		Noise level ****
cfm	m ³ /hr	cfm	m ³ /hr	mbar	in	mm	lbs	kg	dB(A)
515	875	177-459	300-780	60	47.4 x 24.6 x 31.7	1205 x 625 x 805	309	140	< 70

Electrical data	Approvals
Voltage: 115 and 230 V Frequency: 50/60 Hz Full load current: 115 V 19.5 A, 230 V 12.8 A	UKCA, CE and UL***

FILTER SPECIFICATIONS

Model	Surface media area		Filter efficiency
	ft ²	m ²	
DeepPleat DUO pre-filter	322.8	30	F8 50% @ 0.3 microns
Combined filter (HEPA)	80.7	7.5	99.995% @ 0.3 microns

Model	Activated carbon volume	
	ltr	
Combined filter (gas)	53.7	

PART NUMBERS - FILTERS

DeepPleat DUO pre-filter	Combined filter
1UA1030222	1UA1030297

* Unrestricted airflow: The airflow values provided with clean filters, no hose kit, at 230 V, measured by using a wind vane. The numbers may vary depending on voltage and test procedure used.

** Settable range: Donaldson BOFA recommends utilizing the lowest flow rate that achieves the correct capture velocity for your application in order to maximize filter life.

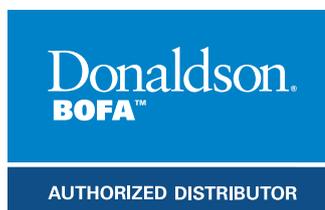
*** UL: Tested to UL standards, but testing may be provided by alternate nationally recognized test laboratories. Certain product configurations may affect the UL certification. Please speak to your sales representative.

****: At typical operating speed.

Technical data 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.





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